

BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON D.C.



**INVITATION FOR BID 190011/CABW/2019
PAG CELOG 67101.001981/2018-82
PAG CABW 67102.190011/2019-13**



TABLE OF CONTENTS

1. DEFINITIONS	4
2. OBJECT	11
3. PARTICIPATION REQUIREMENTS	12
4. QUALIFICATION/ACCREDITATION	12
5. ENVELOPES CONTAINING QUALIFICATION DOCUMENTS AND PRICE PROPOSALS	13
6. ACCREDITATION (ENVELOPE # 01)	14
7. PRICE PROPOSAL (ENVELOPE # 02)	17
8. ESTIMATED BUDGET	18
9. PROCEDURE FOR OPENING ENVELOPES	19
10. REVIEW OF QUALIFICATION DOCUMENTS	21
11. REVIEW OF PRICE PROPOSALS	21
12. BID AWARD AND RATIFICATION	22
13. CONTRACT	22
14. SUBCONTRACTING	22
15. TIMEFRAMES	23
16. FINANCIAL GUARANTEE	24
17. TECHNICAL GUARANTEES	24
18. DELIVERY LOCATION	25
19. CHANGES TO THE CONTRACT	25
20. SUBJECTIVE MODIFICATION	25
21. PRICE ADJUSTMENT	26
22. PAYMENT	27
23. MONITORING	27
24. RECEIPT OF THE OBJECT	28
25. FORCE MAJEURE AND FORTUITOUS EVENTS	28
26. OBLIGATIONS FOR THE CONTRACTED AND CONTRACTING PARTIES	28
27. CONTRACTUAL RESCISSION	28
28. SUSTAINABILITY	28
29. BUDGET ALLOCATION	29
30. ADMINISTRATIVE SANCTIONS AND PENALTIES	29
31. APPEALS	29
32. GENERAL PROVISIONS	30

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



**MINISTRY OF DEFENSE
 BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON D.C.**

**INVITATION FOR BID 190011/CABW/2019
 PAG CELOG 67101.001981/2018-82
 PAG CABW 67102.190011/2019-13**

Approved on: January 15, 2019


 LEONARDO GUEDES Col
 BACW'S Chief

Legal Basis The Federal Government, through the Brazilian Aeronautical Commission in Washington (BACW), announces to whom it may concern, that at the date, time and place shown below, it will hold a purchase-based Bidding Process (section III, Article 6, Brazilian Law 8.666/93), in accordance with this Invitation for Bid and its attachments. The bidding process will follow the principles of Law N° 8.666/93 (Brazil), in addition to the recommendations contained in Official Letter N° 051/SEFA/1358, dated September 29, 1998 and N° 213/SUAUD/13368, dated September 20, 2011, from the Aeronautical Ministry of Economy and Finance (SEFA), under item 7.1.2 of MCA 176-1, updated on December 6, 2017, as well as other requirements set forth in Invitation for Bid and its Attachments. Additionally, proposals submitted to the BACW will be interpreted, evaluated and ranked in accordance with the principles contained in Articles 3 and 123 of Law N° 8,666 of 06/21/1993, pertaining to legality, fairness, morality, equality and transparency.

Date of Delivery and Opening of Envelopes:		February 15, 2019	
Hours:	09:00 a.m. (U.S. Eastern Standard Time)		
Address:	1701 22nd St. N.W. Washington, D.C., 20008	Telephone:	(202) 483-4031
		Fax:	(202) 483-4684
		Email:	
Accreditation:	February 15, 2019		
Hours:	09:00 a.m. (U.S. Eastern Standard Time)		


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1. DEFINITIONS

1.1. In order to facilitate comprehension of terminology and simplify text composition, the following abbreviations and phrases were adopted, with the meanings provided beside them:

1.1.1. MANAGING AGENT. It is the authority overseeing the MANAGING UNIT'S administrative activities.

1.1.2. AIPC: Aircraft Illustrated Parts Catalog, technical publication indicating all Part Numbers used to equip the aircraft, which are necessary for its operation.

1.1.3. DIVISION ('ALA'): FAB Unit destined to coordinate, control and perform logistic and administrative activities needed for the operation of the military organizations it oversees, or deployed military organizations, as well as any military organizations headquartered under its jurisdiction.

1.1.4. ANAC: The Brazilian Government's National Civil Aviation Agency.

1.1.5. AOG: Aircraft on Ground. Phrase used to describe an aircraft which is not fit to continue or resume operations until necessary measures are taken to restore the aircraft's airworthiness. This condition qualifies as maximum priority in processing a spare parts request and/or maintenance action.

1.1.6. ATA: The official records to be taken into account, for the purposes of this Invitation, shall be those specified ATA-100, from the "Air Transport Association of America ", per link "www.s-techhent.com/ATA100.htm", except for the official records pertaining to the engine, propeller or electronic warfare

1.1.7. APPROVED AVIATION AUTHORITY (AAA): shall mean the IFI in Brazil, the Federal Aviation Administration (FAA) in the US, the European Aviation Safety Agency (EASA) in Europe or other agency identified by the CONTRACTING PARTY, and agreed upon in writing with the CONTRACTED PARTY, any other equivalent foreign aviation authority with jurisdiction over the performance of the object contemplated by the Basic Project Plan.

1.1.8. CIVIL AVIATION AUTHORITY. This shall refer to ANAC, in Brazil, or other agency recognized as responsible the Civil Aviation Administration in the country in which the services contemplated here are rendered or received.

1.1.9. BER- Beyond Economic Repair or item whose repair is economically inviable. Expression usually used to define the condition of a spare part or component, whose total repair cost is economically inviable (repair cost higher than 70% of cost of new part- ICA 66-13).

1.1.10. BS/SB Service Bulletin. A document issued by the Component Manufacturer, providing information about the way in which the modification should be performed.

1.1.11. C-95/P95: Code assigned by the Brazilian Air Force to EMB aircraft 110, known as 'Bandeirante'.

1.1.12. C-97: Code assigned by the Brazilian Air Force to EMB aircraft 120, known as 'Brasília'.

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- 1.1.13. C-98:** Code assigned by the Brazilian Air Force to Cessna aircraft 208, known as 'Caravan'.
- 1.1.14. C-105:** Twin turboprop engine developed for tactical military transportation. Code assigned by the Brazilian Air Force (FAB) from the state of AMAZONAS.
- 1.1.15. BACE:** The Brazilian Aeronautical Commission in Europe: London- based logistic Office in charge for foreign supply chain.
- 1.1.16. BACW:** Brazilian Aeronautical Commission in Washington: Washington- based logistic office in charge of foreign supply chain.
- 1.1.17. CELOG:** Aeronautical Logistic Center.
- 1.1.18. CALIBRATION:** Provision of services calibrating an item, for the purpose of restoring it to usable condition, through the application of specific standards, which ensure its correct functioning.
- 1.1.19. SERVICE CENTER:** center for the provision of maintenance to satisfy in full all requirements by the Aeronautical Authority in the State of Country in which the workshop is based, with a license –issued by the Aeronautical Authority and by the aircraft manufacturer- to operate as a workshop for the aircraft listed in the Basic Project.
- 1.1.20. COC:** Certificate of Conformity
- 1.1.21. CHE:** Company Accreditation Certificate, issued by ANAC.
- 1.1.22. CHT:** Technical Accreditation Certificate, issued by ANAC.
- 1.1.23. CMM:** Components Maintenance Manual. Repair Parts Catalogue, with manufacturer description.
- 1.1.24. COMAER:** Aeronautical Command.
- 1.1.25. COMGAP:** General Support Command
- 1.1.26. COMPONENT:** Any independent part, set of parts, subsets, kits or units, whether new or used, with a distinct function which is necessary to operate the aircraft or other related ATA.
- 1.1.27. CONSUMABLE COMPONENT:** A component which is only used once, and which shall be treated in the Basic Project Plan as a Disposable Component.
- 1.1.28. DISPOSABLE COMPONENT:** A component for which there is no authorized repair process or whose repair cost would normally exceed the cost of replacement.
- 1.1.29. ROTATION COMPONENT:** A repairable component in usable condition, which is not installed on the aircraft, however.
- 1.1.30. REPAIRABLE COMPONENT:** A component which encompasses or includes replaceable components, provided their repair is economically viable, and subject to rehabilitation and restoration of full operational condition during a shorter time than the shelf life of comparable flight equipment.

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1.1.31. COMPONENT IN NON-USABLE CONDITION: A component which is no longer usable or which needs to be removed from the aircraft for repair or general overhaul.

1.1.32. COMREC: Contract Monitoring and Execution Commission, composed by COMAER representatives, appointed to represent it, for the purpose of monitoring execution and receiving the object addressed by the Basic Project Plan with the CONTRACTED PARTY.

1.1.33. "NEW CONDITION": Factory new item which is free from any non-conformity or any type of discrepancy. An item which has undergone overhaul may not be considered new.

1.1.34. MAJOR SET: A repairable set made up of two or more components which are also repairable, whether installed or connected to the whole, fulfilling a specific function for the general operation, subject to an indicator for general overhaul or repair such as TSO, TSN, TBO, CSN, etc.

1.1.35. AIRWORTHY CONDITION: The mandatory safety status required by the Civil Aviation Authority to maintain the aircraft in normal flight operation, based on type of approved project, except as otherwise specified in the Basic Project Plan.

1.1.36. CONTRACTED PARTY: Company responsible for delivering the object of this Basic Project Plan.

1.1.37. CONTRACTING PARTY- the Government- represented by the Aeronautical Command– through the AERONAUTICAL LOGISTICS CENTER (CELOG).

1.1.38. EXPENSE CONTRACT: For the purposes of the Basic Project Plan, the Agreement which the Public Administration (CONTRACTING PARTY), acting as such, signs with a private or administrative entity (CONTRACTED PARTY), for the performance of the services in question, under the conditions set forth by the Public Administration itself.

1.1.39. CTLA: Aeronautical Logistic Transportation Center.

1.1.40. DA: Airworthiness Directive. It refers to any mandatory directive published by the Civil Aviation Authority, defining actions to maintain the Aircraft's Airworthy Condition.

1.1.41. DIRMAB: Directorate of Aeronautical and Warfare Material.

1.1.42. DOU: Official Gazette.

1.1.43. DRS: Main repair workshop designated by the CONTRACTED PARTY.

1.1.44. EA or "ea.": Unit or "each other".

1.1.45. END USER: End User Statement.

1.1.46. ESM: Supply and Maintenance Squadron

1.1.47. EXCHANGE: Replacement of a repairable item owned by COMAER with another repairable item owned by the CONTRACTED PARTY, provided that an equal, alternative or superior item is offered from its stock, with a quantifiable potential for use, close to the potential of the replaced items, added to the cost of overhaul or repair which the item might undergo in this replacement.


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- 1.1.48.** F-5M: Name assigned by the Brazilian Air Force to Northrop F-5E Tiger, known as F5.
- 1.1.49.** FAA-AC-56: FAA Rule establishing companies to be certified for each aircraft system (ATA) as per website: www.aviationsuppliers.org/faa-ac00/56.
- 1.1.50.** FAB: Brazilian Air Force
- 1.1.51.** FACTORY NEW: New item which has still not been stocked.
- 1.1.52.** FADT: Technical Directive Analytic Tab. This expression shall refer to the CONTRACTING PARTY'S opinion on the decision to incorporate a Technical Directive issued by a manufacturer in connection with an aeronautical item.
- 1.1.53.** FEDLOG: Federal Logistics Catalogue [US].
- 1.1.54.** FHT: Historic Tab or yellow Tab. This term refers to the document issued by the CONTRACTING PARTY for each aeronautical item with a serial number and must include the following data: aircraft/engine on which it was installed; Date of installation/removal' Partial and full operational hours; Reason for Removal: integrated Technical Directives; Services performed on the item; Date on which services were performed and items replaced.
- 1.1.55.** MONITOR: Administration agent specifically appointed as its representative to monitor and oversee the execution of the Contract, where third-parties may be hired to assist and support him with information pertaining to these duties in situations in which his technical expertise is not sufficient to carry them out.
- 1.1.56.** GLOG: Logistic Group tasked with coordinating, directing and monitoring activities in the maintenance and supply chain in the respective ALA's.
- 1.1.57.** GMM: Material Movement Record. This phrase shall designate the document, issued by the CONTRACTING PARTY, which will accompany the aeronautical item being delivered to the CONTRACTED PARTY to undergo any service.
- 1.1.58.** HANDLING: All additional charges, expressed as a percentage, based on a price or reference amount for purchase of material and relevant financial onus, direct and direct expenses and profit.
- 1.1.59.** H-60L: Aircraft named as S-70 by the manufacturer. It is a medium size two-engine helicopter for attack and utility transportation. It is known within the FAB as H-60L.
- 1.1.60.** H/H (MH) Man hour
- 1.1.61.** HSCA: Component and Accessory Service History
- 1.1.62.** ICA 65-8: Aeronautical Command Directive on COMREC and Contract Monitor Duties.
- 1.1.63.** ICA-66-13 Aeronautical Command Directive on Maintenance Services in Aeronautical Companies.
- 1.1.64.** IHS: US Federal Catalog- Parts Prices.
- 1.1.65.** INCOTERMS 2010: International Commercial Terms.


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1.1.66. INVOICE: Commercial document which formalizes a service interaction occurring abroad, as described in this Basic Project Plan, including quantity, price and payment conditions for commodities [purchased] or services rendered.

1.1.67. LAW n° 8.666: Law dated June 21, 1993, governing Art. 37, segment XXI, of the Federal Constitution, establishing norms for bids and contracts by the Public Administration, in addition to providing other guidelines. It establishes general norms and rules on administrative contracts and bids pertaining to projects, services, including the disclosure, procurement and leases within the authority of the federal Government, the States, the Federal District and Municipalities.

1.1.68. LOG CARD: Historical record

1.1.69. MODIFICATION: Rendering of services in a repairable item, for the purpose of complying with a Technical Norm or Bulletin.

1.1.70. SCHEDULED MAINTENANCE: Maintenance performed at regular intervals to maintain a repairable component in operational condition, through a systematic inspection, detection and replacement of worn out components; tuning, calibration and cleaning, in accordance with the manuals

1.1.71. UNSCHEDULED MAINTENANCE: Maintenance which was not contemplated in the SCHEDULED MAINTENANCE, or which occurred before the established timeframe, being performed to restore the airworthy condition of a repairable component, or of a component which has been restored by correcting a breakdown, or a breakdown which occurred or was detected through an obvious breakdown inquiry procedure, suspicion of defect or poor functioning, in accordance with the manuals.

1.1.72. NATO: NATO Catalog System, as described on website: http://www.nato.int/structur/AC/135/nmcr1/nmcr1_e/index.htm

1.1.73. INADEQUATE FOR USE: In non-compliance with the airworthy standards established by the AAA.

1.1.74. NEW SURPLUS: New item on shelf.

1.1.75. NEW MANUFACTURE: new item which has not been stocked yet.

1.1.76. NF ('Nota Fiscal'): Bill of Sale

1.1.77. NFF: Items sent by the CONTRACTING PARTY which do not require repair.

1.1.78. NSN: NATO Stock Number.

1.1.79. OEM: Original Equipment Manufacturer

1.1.80. WORKSHOP: Premise owned by the CONTRACTED PARTY where the services contemplated by this Basic Project Plan shall be delivered. It shall also apply to the location in which the services detailed in the Object of this Basic Project Plan are performed


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1.1.81. OPERATORS. Air Units and Aeronautical Material Depots. **EXPENSE SUPERVISOR:** Any public official or Administrative Agent exercising oversight of activities pertaining to budget, estimate, asset and financial administration in the Managing Unit (UG).

1.1.82. ADMINISTRATIVE MANAGEMENT PROCESS (PAG) – Consisting in the chronological set of the parts which make up a process, starting with the first page, which generated the process, to the table of contents, with all pages numbered and initialed in ascending order, starting with the cover, which must summarize the topic, interested party and date.

1.1.83. P-3AM: Extended range and Anti-Submarine Warfare maritime patrol aircraft.

1.1.84. PAMALS: Aeronautical Material Depot of Lagoa Santa, Central Depot for Projects. C-95, C-97, C-98, C-105, H-60L, F-5, P-3AM, T-25 and T-27

1.1.85. CENTRAL DEPOT- PAMAs. Executive SISMA body which is responsible for all necessary provisions pertaining to the supply, maintenance and technical support of operators, for the general oversight of a project or equipment assigned to its task by the system's Central Organization, as well as for knowing in full detail the status of equipment applied in projects under its supervision, whose repair shall be the responsibility of another Depot, as Workshop Depot. The Central Depot is the manager of the Project as a whole, including components possibly assigned to one or more Workshop Depots.

1.1.86. PB: Basic Project Plan.

1.1.87. REJECTED PARTS: Parts deemed inadequate or whose repair was considered economically inviable (BER) by the CONTRACTED PARTY, being greater than 70% of [the cost of] a new part.

1.1.88. PN: Part Number

1.1.89. PMA: Items which are not original manufacturer parts yet may be installed on aircraft with certification by the FAA or Military or Civil Authority exercising the same competence.

1.1.90. SMALL REPAIR: It is the provision of services in a repairable item, for the purpose of restoring its usable condition. The same item, after repair, must be placed directly on "Flight line" or returned to the usable [item] stock. It is different from a repair due to the degree of labor and material intervention in order to restore the item to the flight line.

1.1.91. PRICE LIST: Price list issued by the manufacturer of the parts used in the service.

1.1.92. RESTORATION: Provision of services on repairable item consisting in the incorporation of items (spare parts) for the purpose of upgrading the same item.

1.1.93. SCHEDULED COMPONENT REMOVAL: When a part has reached its scheduled limit and is ready for removal, it must be removed from service and sent to the Workshop for overhaul.

1.1.94. UNSCHEDULED COMPONENT REMOVAL (PREMATURE): When a part presents functional breakdown before reaching time between overhauls and the prescribed corrective

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measure does not eliminate the breakdown, it shall be removed from service, regardless of hours, time, number of departures and operational time still available, and it shall be sent to the Overhaul Workshop.

1.1.95. REPAIR: It is the provision of services in a repairable item, for the purpose of restoring usable condition. The same item may, after repair, be placed directly on “flight line” or returned to the usable item stock.

1.1.96. GENERAL OVERHAUL or “OVERHAUL”: Provision of services including a major set of interventions, replacing mandatory parts, in a repairable item, which is not necessarily broken, and may occur to fulfill TBO.

1.1.97. SEGV00 003 (Airworthiness Approval Label) – Form meant for primary maintenance record, for the purpose of approving return to service of engines, propellers and Class II and III aeronautical products after maintenance, preventive maintenance, reconditioning, modification or repair, in accordance with section 43.9 of RBHA 43, issued by ANAC.

1.1.97.1. Completion of form must comply with Normative Directive nº IAC 3149-21/43-0302, dated April 1st. 2002, issued by ANAC.

1.1.97.2. The CONTRACTED PARTY must submit a similar document to SEGV00 for the country which will perform the service.

1.1.98. SILOMS: Aeronautical Command’s Integrated Logistic Maintenance and Service System “Software” used by FAB, for the purpose of recording, identifying and transporting aeronautical material.

1.1.99. SISMA: Aeronautical Material System.

1.1.100. S/N Serial Number. Alpha-numeric code individualizing equipment. The code is affixed to the equipment.

1.1.101. T-25: Code assigned by the Brazilian Airforce to Aircraft Neiva T-25, known as T-25.

1.1.102. T-27: Code assigned by the Brazilian Air Force to aircraft EMB T-27, known as ‘Tucano’.

1.1.103. TAT: Turn Around Time, time between receipt of the part by the CONTRACTED PARTY and its return to the CONTRACTING PARTY in usable condition, after performing the service established in the Basic Project Plan.

1.1.104. PRORATA FEE (P): Administrative fee to be paid by one of the parties, in case of exchange.

1.1.105. TBO: Time Between Overhauls, or time between general overhauls of item or equipment.

1.1.106. TCTR: Subdivision of Aeronautical Material Depot Control.

1.1.107. TLV: Shelf Life Limit for a repairable item.

1.1.108. TSN: Time since New: total use time of an item or piece of equipment since new.

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1.1.109. TSO: Time Since Overhaul: Use time of an item or piece of equipment since last general overhaul.

1.1.110. TTEC: Technical Division of the Aeronautical Material Depots- PAMAS.

1.1.111. ADMINISTRATIVE UNIT: It is the military organization (OM), or its appointed section, per legal documents, to manage the assets, funds and credits specifically assigned to it, in full or in part.

1.1.112. MANAGING UNIT (UG): – Generic Term for ADMINISTRATIVE UNIT.

1.1.113. WEBFLIS: US Federal Catalog.

2. OBJECT

2.1. The purpose of this BIDDING PROCESS is the provision of services, to include the calibration, renovation, recovery and/or overhaul, exchange of repairable components, technical publications for repairable components, exchange in order to meet scheduled and unscheduled inspections for COMAER aircraft C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105, fulfilling the demand for production of repairable items at the Aeronautical Material Depots, including additional services, as per technical specifications and quantities shown in the BASIC PROJECT PLAN, nº 008, Items to be repaired abroad, Attachment A., as per the batch (ATA) below:

BATCH	ATA	DESCRIPTION
1	12	SERVICING ROUTINE MAINTENANCE
2	17	UNASSIGNED
3	19	UNASSIGNED
4	21	AIR CONDITIONING
5	22	AUTO FLIGHT
6	23	COMMUNICATIONS
7	24	ELECTRICAL POWER
8	25	EQUIPMENT / FURNISHINGS
9	26	FIRE PROTECTION
10	27	FLIGHT CONTROLS
11	28	FUEL
12	29	HYDRAULIC POWER
13	31	INDICATING/RECORDING SYSTEMS
14	32	LANDING GEAR
15	33	LIGHTING
16	34	NAVIGATION
17	35	OXYGEN SYSTEM
18	36	PNEUMATIC
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)
20	46	INFORMATION SYSTEM
21	53	FUSELAGE
22	56	WINDOWS
23	61	PROPELLERS
24	62	MAIN ROTOR

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25	63	MAIN ROTOR DRIVE
26	67	ROTORS FLIGHT CONTROL
27	71	POWER PLANT
28	72	ENGINE TURBINE
29	73	ENGINE FUEL AND CONTROL
30	74	IGNITION
31	75	AIR
32	76	ENGINE CONTROLS
33	77	ENGINE INDICATING
34	79	OIL
35	80	STARTING
36	81	TURBINES
37	NID	NOT IDENTIFIED
38	OUTROS	OTHERS

2.2. For all purposes, the following attachments shall be an integral part of the CONTRACT, regardless of whether they are transcribed or attached hereto:

- 2.3. ATTACHMENT I – BASIC PROJECT PLAN n° 008- Items to be repaired abroad.;
- 2.4. ATTACHMENT II – ACCREDITATION FORM;
- 2.5. ATTACHMENT III – CONTRACT DRAFT;
- 2.6. ATTACHMENT IV – PRICE PROPOSAL MODEL

3. PARTICIPATION REQUIREMENTS

3.1. Interested companies, whether registered with the BACW, operating in the field addressed by this Bid, may participate in this bidding process, in accordance with its founding document.

3.2. Companies subject to the conditions listed below may not participate in this bidding process:

- 3.2.1. Bankruptcy, judicial reorganization or extra-judiciary reorganization;
- 3.2.2. Company dissolution or liquidation;
- 3.2.3. Suspension from participating in bids with the Brazilian Government, or companies with a contractual failure record with the BACW within the past 03 (three) months;
- 3.2.4. Suspension from participating in bids with the Brazilian Federal Government; and
- 3.2.5. Declaration of unfitness to enter into an agreement with the Public Administration (Brazil);
- 3.2.6. Companies participating in a Consortium or Joint Venture while also participating separately in a bid, or companies controlling- or controlled by another entity participating in a bidding process.

4. QUALIFICATION/ACCREDITATION

4.1. The bidder, or its legal representative, must provide personal identification to the BIDDING COMMISSION (CPL) on the date, and at the time and place shown below in the Preamble of this Invitation for Bid. for the purpose of recording all participants in this bidding process, with photo ID or other identification document issued by the government or state, in conjunction with a power-of-attorney signed by the participating company representative, ensuring full powers to express


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opinions during the procedure (this document must be available outside of the envelopes containing qualification documents and price proposals).

4.1.1. Failure to submit any registration documents, or improper document submission, does not prevent bidder participation. However, it will prevent the representative from speaking on behalf of the Bidder.

4.2. The Bidder representative may be any individual accredited based on the company's certificate of incorporation, public and private power-of-attorney verified by a notary, or other equivalent document.

4.2.1. In the company documents or sole proprietorship records, the bidder representative's authority to represent the bidder before third parties must be clearly stated.

4.2.2. The power-of-attorney must describe all necessary attributions enabling the representative to submit a proposal and perform all actions related to the bidding process; it must be presented with company documents or founder's certificate of ownership.

4.3. Each registered representative may represent only 1 (one) bidder.

5. ENVELOPES CONTAINING QUALIFICATION DOCUMENTS AND PRICE PROPOSALS

5.1. Each bidder must submit **2 (two)** envelopes, the **1st (first)** of which must contain **accreditation documents, and the 2nd (second) contain the price proposal.**

5.2. The sets of documents pertaining to qualification and price proposals shall be delivered separately, in sealed envelopes, and will be initialed on the tab and identified by the bidder's name.

5.3. Bidders are encouraged to use the label template below to mark and identify their envelopes.

ENVELOPE Nº 01 – QUALIFICATION DOCUMENTS
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON
INVITATION FOR BID Nº 190011/CABW/2019
COMPANY NAME

ENVELOPE Nº 02 – PRICE PROPOSAL
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON
INVITATION FOR BID Nº 190011/CABW2019
COMPANY NAME

5.4. ENVELOPE Nº 01 –ACCREDITATION and ENVELOPE Nº 02 – PRICE PROPOSAL, must mandatorily be enclosed in a larger envelope, which in turn should be sealed and addressed to the BIDDING COMMISSION. The Bidder's name and address must appear in the upper left-hand corner of the envelope and include the Bid Number, and open session time and date as per the following template:


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C/O BIDDING COMMISSION – BID # 190011/CABW/2019
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON
1701 22nd Street N.W. Washington, DC 20008
SESSION ON **February 15, 2019 at 9:00a.m.**
(US Eastern Standard Time)

5.4.1. The envelope may be sent by post or other similar mailing service, with a tracking number and receipt confirmation. The envelope must be delivered by the beginning of the open session at **9 a.m.** (US Eastern Standard Time) on the date of **February 15, 2019.**

5.4.2. Bidders are encouraged to advise- before the open session- the tracking number of their envelopes to the BIDDING COMMISSION by email con@cabw.org

5.4.3. Late envelopes addressed to the BIDDING COMMISSION, delayed by delivery problems or improper identification, shall not be taken into consideration.

5.4.4. The BACW does not accept responsibility for mistakes caused by improper envelope identification.

5.4.5. If sending the envelope by mail, the bidder must include the number of the Invitation for Bid on the outer envelope, thus allowing identification upon receipt at the BACW.

5.4.6. Envelopes may also be delivered in person to the BIDDING COMMISSION at the beginning of the open session.

6. ACCREDITATION (ENVELOPE # 01)

6.1. In the qualification envelope, the bidder must submit the legal representative's identifying information, per the ACCREDITATION FORM TEMPLATE, Attachment II.

6.2. All documentation pertaining to ENVELOPE N° must be submitted in **ENGLISH**. All documents issued in any language other than **ENGLISH** must be provided along with certified and notarized translations.

6.3. In the **ACCREDITATION FORM**, the Bidder must at least include the following:

6.3.1. Bidder's Registered Name;

6.3.2. Bidder's Full Address;

6.3.3. Bidder Representative's Full Name;

6.3.4. The legal representative must have power-of-attorney, as per item 4.1. of this Invitation;

6.3.5. Legal Representative's ID Number (for example, General Registry Identity Number, National Driver License, Passport Number, or any other government issued

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photo ID.)

6.3.6. Legal Representative's email address;

6.4. Bidders must include the following documents in their QUALIFICATION DOCUMENT for their legal qualification:

6.4.1. Submit proof of **Federal Tax identification number** (e.g. national registry of legal entities- CNPJ), Federal Identification Number (FEIN), Tax ID Number (TIN).

6.4.2. Submit the Company's **Basic Commercial License** or other evidence of competent authorization to operate within the jurisdiction, issued by the relevant Government Agency;

6.4.3. Submit the following **Company Documents: Certificate of Incorporation or Charter Document, Articles of Organization, By-Laws or other similar organizational documents.**

6.4.4. For Brazilian companies, the documents referenced in sub-items **Error! Bookmark not defined.**, **Error! Bookmark not defined.** and 15 above shall be replaced by **SICAF (Unified Suppliers Registration System) with valid dates**, or alternatively the documents prescribed in articles 27 through 32 of Law 8.666/93.

6.5. Bidders must also submit the following documents in the QUALIFICATION DOCUMENT for their **Technical Qualification**:

6.5.1. Proof that its corporate objective ("main activity") is consistent with the purpose of this bid;

6.5.2. Proof, through submission of a certificate issued by the competent federal air and space or military agency- including the FAA (Federal Aviation Administration), or ANAC (Brazil's National Civil Aviation Agency), DIRMAB (Directorate of Aeronautical and Warfare Material), or other equivalent agency, of its qualification to render the services addressed by this Basic Project Plan

6.5.3. Statement that it possesses the test beds, equipment, measuring devices, and common and special tools needed per manufacturer manual specifications, in the quantity and quality required for the services described in this Basic Project Plan.

6.5.4. Statement that it possesses the general overhaul manuals and other manuals required for the services listed in the Object of this PB, as well as the parts catalogues required to perform the services described in this Basic Project Plan, in accordance with the most recent index issued by the component manufacturers, in addition to owning a contract for the update of said manuals, stipulated with the manufacturers or with manufacturer-approved companies.

6.5.5. Statement that it possesses, within its professional cadre, at least one individual holding Technical Responsibility for Service Quality.

6.5.6. Statement that it possesses qualified technical staff to perform the services described in this Basic Project Plan.

6.5.7. Statement that the above professional(s) must participate in the services addressed by this Basic Project Plan, through a signed commitment.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



6.5.8. Commitment to replacing any professionals only with others of equivalent or greater experience, provided the replacement is approved by the MONITORING [TEAM], through an official statement by the CONTRACTED PARTY.

6.5.9. Certification by RBHA 145, from ANAC, is considered equivalent to the certification described in this Guidelines, provided it includes all the services targeted by the supplying organization (§ 5.2, ICA 65-36/2008). This equivalence also extends to Maintenance Service certificates, issued by Government Certifying Organizations recognized by ANAC (§ 5.2.1, ICA 65-36/2008) or other similar body abroad.

6.5.10. Submit and maintain throughout contract validity a Maintenance Company Certificate, according to ICA 65-36, enabling it to perform all levels of aeronautical maintenance contemplated by this Bid Notice on them the repairable components.

6.5.11. Submission of the methodology it shall use to perform the services, which shall serve as the basis for its evaluation and acceptance, based on the objective criteria previously established by the department tasked with the Basic Project Plan.

6.5.12. The CHT and CHE must be submitted according to the requirements of ANAC RBHA 145 or other similar government agency; and

6.5.13. Submit proof that it has undersigned a commitment to the provisions of FAA-AC-56 or the equivalent regulations by another government, regulating the services described in this PB for repairable components.

6.5.14. The technical qualification requirements for the CONTRACTED PARTY and possible subcontracted companies must comply with the provisions of Art. 37, XXI of the Federal Constitution, Article 3, paragraph 1, Segment I, and 30, segment II, of Law 8.666 of 1993, as amended .

6.6. All pages included in ENVELOPE 1 – QUALIFICATION must be numbered and initialed by the legally accredited representative without corrections or erasures

6.7. In ENVELOPE N° 1 – QUALIFICATION, all envelope contents must be digitalized and also submitted in digital form, in PDF form.

6.7.1. The PDF file may be included in no ENVELOPE N° 1 – QUALIFICATION through a CD-ROM or pen drive, at the BIDDER's discretion.

6.8. Taking into account the complexity of the services to be provided, the BIDDING COMMISSION may submit to CELOG's technical department for examination documents pertaining to qualification for the purpose of obtaining a conclusive technical opinion regarding bidder qualification in this bid.

6.9. The required certificates and/or statements must be valid if subject to expiration.

6.10. Proof of shipment of required documents shall not be accepted in substitution of required documents per this Invitation for Bid and its Attachments.

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7. PRICE PROPOSAL (ENVELOPE # 02)

7.1. The proposal, which must be typed and written in **ENGLISH**, and presented in US dollars, must be clear, without corrections and erasures, duly dated and signed, with all its pages initialed by the bidder.

7.2. Price formation must reflect Attachment C of the Basic Project Plan, to be provided by the BACW in .xlsx format. The Bidder must fill in the following columns for each ATA in which it wishes to participate, observing its respective reference amounts: UNIT PRICE FOR THE RESTORATION, MODIFICATION, GENERAL OVERHAUL, MANUFACTURE AND OVERHAUL, UNIT PRICE FOR REPAIR, UNIT PRICE SUGGESTED FOR SMALL REPAIR, UNIT PRICE SUGGESTED FOR NFF.

7.2.1. The table will automatically calculate the proposal amount for each ATA in which the bidder wishes to participate.

7.3. For the preparation of the price proposal to be submitted in the bid, per the terms of sub-item 7.1, the table provided in Attachment B of the Basic Project Plan should be used, as provided by the BACW in .xlsx format. A column should be generated beside each Reference Total Amount column, with the amount for the ATA proposal in which the bidder wishes to participate, according the amount automatically generated after filling in table in Attachment C of the Basic Project Plan, as explained in sub-item 7.2.

7.4. The price proposal to be submitted for the bid must be composed of the tables described in sub-items 7.2, 7.3 and the price proposal model, ATTACHMENT IV of this Invitation For Bid.

7.5. Prices offered must include all expenses associated with supplying the product, directly or indirectly, including but not limited to: all costs such as fees and/or taxes, social contributions, expenses, insurance, workers compensation, civil responsibility insurance, labor, social security, fiscal, administrative fees, equipment, materials and any and all other costs or fees associated with the execution of the object as per the BASIC PROJECT PLAN, in accordance with the provisions of the Bid Invitation and its Attachments Amounts offered by the bidder must reflect all costs involved in the object.

7.6. Data provided by the bidder must reflect all costs.

7.7. Costs marked as financing or other unspecified terms shall not be accepted in the Price Proposal.

7.8. The tax quotas referenced by the BIDDER may not exceed the limits established by the applicable tax legislation.

7.9. Proposal validity may not be inferior to **60 (sixty) days** starting on the date on which Price Proposals are opened.

7.10. Under no circumstance must the content of the proposals be modified, with regard to price, or any other terms or conditions implying a change to the original proposal. Exceptions are permitted when the modifications are formal in nature, aiming to resolve material errors, without substantially altering the content or referenced terms and conditions, and provided that they do not adversely affect other bidders.

7.10.1. Modifications addressed by the above item must be submitted to the Bidding

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MARIO EMILIO FRAMIL CABIZUCA Lt Col



Commission for review

7.10.2. The Bidding Commission may proceed to correct the highlighted errors, or may require that the Bidder submit a corrected proposal.

7.11. No further complaint regarding the proposals shall be accepted entry into meeting minutes for the Bid Session. After qualification, proposals may not be withdrawn if not due to unforeseen circumstances accepted as such by the Commission.

8. ESTIMATED BUDGET

8.1. The estimated budget to execute the OBJECT of this Invitation for Bid shall be **USD 79,708,363.35 (seventy-nine million, seven hundred and eight thousand, three hundred and sixty-three dollars and thirty-five cents)**, as per the batch below:

8.2.

BATCH	ATA	DESCRIPTION	ESTIMATED AMOUNT (USD)
1	12	SERVICING ROUTINE MAINTENANCE	\$ 7,979.53
2	17	UNASSIGNED	\$ 5,496,351.81
3	19	UNASSIGNED	\$ 324,389.73
4	21	AIR CONDITIONING	\$ 3,392,940.39
5	22	AUTO FLIGHT	\$ 556,965.17
6	23	COMMUNICATIONS	\$ 4,946,844.10
7	24	ELECTRICAL POWER	\$ 3,506,473.36
8	25	EQUIPMENT / FURNISHINGS	\$ 449,503.91
9	26	FIRE PROTECTION	\$ 145,300.12
10	27	FLIGHT CONTROLS	\$ 4,290,271.94
11	28	FUEL	\$ 3,108,640.78
12	29	HYDRAULIC POWER	\$ 4,216,093.42
13	31	INDICATING/RECORDING SYSTEMS	\$ 809,799.72
14	32	LANDING GEAR	\$ 3,060,829.46
15	33	LIGHTING	\$ 357,117.38
16	34	NAVIGATION	\$ 6,177,451.78
17	35	OXYGEN SYSTEM	\$ 2,319,103.01
18	36	PNEUMATIC	\$ 162,468.69
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)	\$ 58,506.65
20	46	INFORMATION SYSTEM	\$ 201,294.23
21	53	FUSELAGE	\$ 1,530,518.66
22	56	WINDOWS	\$ 9,153.13
23	61	PROPELLERS	\$ 837,202.98
24	62	MAIN ROTOR	\$ 676,784.28

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



25	63	MAIN ROTOR DRIVE	\$ 613,931.68
26	67	ROTORS FLIGHT CONTROL	\$ 951,210.39
27	71	POWER PLANT	\$ 326,434.55
28	72	ENGINE TURBINE	\$ 4,989,394.77
29	73	ENGINE FUEL AND CONTROL	\$ 2,809,521.64
30	74	IGNITION	\$ 65,420.79
31	75	AIR	\$ 357,101.42
32	76	ENGINE CONTROLS	\$ 234,428.27
33	77	ENGINE INDICATING	\$ 486,681.46
34	79	OIL	\$ 64,200.89
35	80	STARTING	\$ 1,408,074.07
36	81	TURBINES	\$ 1,063,346.75
37	NID	NOT IDENTIFIED	\$ 2,788,863.01
38	OUTROS	OTHERS	\$ 966,096.78

9. PROCEDURE FOR OPENING ENVELOPES

9.1. The criterion for ranking the proposals, after meeting the conditions and specifications set forth in this Invitation for Bid, shall be **lowest global price per BATCH (ATA or system)**.

9.2. At the time, date and place indicated in this Bid, in an open session, with all bidders present, the Bidding Commission shall receive the sealed envelopes (item 5.4) containing **Envelopes N° 01 and N° 02 (item 5), starting the bidding process** .

9.2.1. Anyone may be present at these public sessions, but only bidders and their accredited representatives may participate in the meeting, and discuss matters with the Bidding Commission.

9.3. Once the deadline for submitting documents has expired, no other documents shall be accepted, or further addenda or clarification concerning the qualification documentation, the technical proposal or price proposal submitted.

9.4. **After identifying the Bidders, the Bidding Commission shall proceed to open Envelopes n° 01 –QUALIFICATION Documents.**

9.4.1. The content of the envelopes must be initialed by members of the Bidding Commission and by all Bidder representative present.

9.5. Bidder qualification shall be verified, in accordance with the terms of this Invitation for Bid.

9.5.1. If the Bidding Commission deems it necessary, it may postpone the open session, for the purpose of analyzing the documents submitted by the bidders, at which time it must inform all bidders of the time and place of the new meeting.

9.5.1.1. Considering the complexity of the OBJECT, the BIDDING COMMISSION may submit to **CELOG's** technical department the documents pertaining to qualification for the purpose of obtaining a conclusive technical opinion for the qualification of participants in the bid.


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9.5.1.2. Considering the situation described in item 9.5.1, all qualification documents, after initialing and Envelopes N° 2 – Price Proposals, initialed by the bidders present and by the members of the Bidding Commission, shall be kept by the Bidding Commission until the qualification phase is completed .

9.6. Disqualified bidders shall have their Envelopes n° 2 returned still sealed, after the legal timeframe for appeals has expired without the submission of any appeals, or their removal shall be subject to an adverse decision further to their appeal.

9.7. After analyzing qualification documents, a timeframe of 5 (five) business days shall be granted to the bidders for the submission of potential appeals. After that, a new date for the opening of the technical proposals shall be announced.

9.7.1. In exceptional circumstances, the opening of proposals may occur at the same meeting, in the following cases:

9.7.2. If all bidders are present and they expressly waive their right to appeal; or

9.7.3. Should the Bidding Commission consult the candidates who are not present at the meeting, and if they should waive their right to appeal.

9.8. Should one or more bidders not waive their right to appeal during the Qualification Phase, Envelopes n° 2 (Price Proposals) shall be initialed by the remaining bidders, and kept safe until a new deadline for the opening is set.

9.9. After completing the qualification phase and opening all proposals, bidders may not be disqualified for any reason associated with this phase, except for unforeseen circumstances or facts known only after proposal ranking.

9.10. After completing the qualification phase, the Bidding Commission shall proceed with the opening of Envelopes n° 02 – PRICE PROPOSALS.

9.10.1. The content of the envelopes must be initialed by all Bidding Commission members and by Bidder representatives present.

9.11. The BIDDERS' PRICE PROPOSAL shall be analyzed, based on the terms of this Invitation for Bid.

9.11.1. If the Bidding Commission should deem it necessary, it may postpone the open session, for the purpose of analyzing the documents submitted by the bidders, at which time it must inform all bidders of the time and place of the new meeting.

9.11.1.1. Taking into account the complexity of the OBJECT, the BIDDING COMMISSION may submit to CELOG'S technical department all documents pertaining to the PRICE PROPOSAL for the purpose of obtaining a conclusive technical opinion on the price proposals from bid participants.

9.12. The price proposals from qualified bidders shall be assessed in accordance with the requirements established in this Invitation for Bid.

9.13. If all participants are disqualified based on their qualification documents, or if all price proposals are disqualified, the Bidding Commission may set up a 3 (three) business day term to submit new documentation or proposals to the Bidding Commission.

9.14. During all open sessions, Meeting Minutes shall be prepared and signed by the members of the Commission and by the legal representatives of Bidders present.


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10. REVIEW OF QUALIFICATION DOCUMENTS

10.1. Bidders shall be disqualified if:

10.1.1. They should submit documents required by this Bid which are already expired and/or have not been properly updated and/or do not comply with the requirements of this Invitation for Bid.

10.1.2. They should include the Price Proposal in Envelope nº 01.

10.1.3. Include the technical proposal in Envelope nº 01.

10.2. Bidders shall be notified of their qualification or disqualification via publication on the BACW website, as well as through receipt of the meeting minutes via email from the accredited legal representative and publication on the Official Gazette (DOU). If the bidders, or their representatives, participated in the open session in which the decision was finalized, this shall be noted in the meeting minutes and account for formal notification.

11. REVIEW OF PRICE PROPOSALS

11.1. The criterion for price proposal review shall be the lowest global price per ATA/system.

11.2. Proposals shall be **DISQUALIFIED** if:

11.2.1. They do not comply with item 7 of this Invitation for Bid;

11.2.2. There is a mistake or the text is illegible or contains errors which hinder review;

11.2.3. They do not comply with any of the provisions in this Invitation for Bid or with the Basic Project Plan;

11.2.4. They include advantages which are not established in the Invitation for Bid, such as subsidized financing;

11.2.5. They present unrealistic prices, meaning their viability cannot be adequately demonstrated, through documentation, proving the prices are consistent with market prices and that the productivity is aligned with the performance of the present object;

11.2.6. In the circumstances listed in item 11.2.5, the bidder shall have 2 (two) business days to prove viability of prices included in its proposal under penalty of disqualification.

11.3. If there should be signs of unrealistic prices in the proposal, or if additional clarification is needed, requests for clarification may be submitted by the Bidding Commission.

11.4. Once it is established that the price proposal does not meet the above requirements, it shall be disqualified, and the remaining proposals shall be ranked based on lowest price.

11.5. Bidders shall be notified of the outcome of Price Proposal evaluation through publication on the BACW website, and the accredited legal representatives, whose price proposals are opened, will receive the meeting minutes by email.

11.5.1. If the Bidder, or the Bidder's Representative, is present at the Bidding open session, in which the decision was taken, this notification shall be made directly to the bidder and recorded in the meeting minutes.

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12. BID AWARD AND RATIFICATION

12.1. The services contemplated by this Bid shall be awarded to the Bidder who submits the **LOWEST GLOBAL PRICE PER BATCH (ATA or system)**.

12.2. The Bidding Process shall be submitted to the competent authority, which shall proceed with bid award to winning bidder and ratification.

13. CONTRACT

13.1. After approval of the bid, the winning bidder (the 'CONTRACTED PARTY') shall have 5 (five) business days, from the date of notification, to sign the CONTRACT attached as per Attachment III, under penalty of losing the right to a contract, as well as being subject to the sanctions established in this Invitation for Bid and other sanctions or damages available based on applicable law.

13.1.1. The provisions in the previous subitem may be extended to an additional period of 5 (five) business days, if requested by the CONTRACTED PARTY, and approved by the Administration (BACW) at its sole discretion.

13.2. The Administration (BACW) shall have the option of contacting other bidders, if the winning bidder does not sign the CONTRACT, in the terms and conditions established, in accordance with ranking order. It may do so in the terms and conditions offered by the winning bidder, including as regards updated prices, based on the terms of the Invitation.

13.3. The BACW also has the right of revoking the bidding process, despite the penalties set forth in this Invitation.

13.4. By signing the CONTRACT, the CONTRACTED PARTY expresses its agreement with the BASIC PROJECT PLAN.

13.5. The CONTRACTED PARTY must maintain all qualification conditions required during the bidding process through the execution of the CONTRACT, in accordance with the obligations it has undertaken.

13.6. The CONTRACTED PARTY shall be responsible for any and all expenses associated with the CONTRACT.

14. SUBCONTRACTING

14.1. The upper limit for subcontracting the execution of this object is 50% (fifty percent), calculated based on Contract amount, based on subitem 13.2 of the BASIC PROJECT PLAN, Attachment I to this Invitation.

14.2. Subcontracting must be authorized by the Chief of the BACW, through the MONITOR's technical opinion, together with the specification of the activities which shall be subcontracted and the timeframe within which they need to be performed:

14.3. Subcontracted companies must possess all technical qualification requirements established in the BASIC PROJECT PLAN, Attachment I, based on activity to be performed.

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



14.4. The CONTRACTED PARTY shall be legally and contractually responsible before the CONTRACTING PARTY for subcontracted services. All communication and clarification shall be exchanged between the CONTRACTING PARTY and CONTRACTED PARTY.

14.5. The CONTRACTED PARTY shall be legally and contractually responsible before the CONTRACTING PARTY for subcontracted services. The CONTRACTED PARTY shall be solely and entirely responsible not only for service guarantee but also for any insurance coverage which may be claimed against it, in case of accidents or breakdowns caused by services performed by the subcontracted party.

14.6. If subcontracting becomes necessary, in accordance with Art. 72 of 1993 Law 8.666, the following recommendations must be followed:

14.6.1. The CONTRACTED PARTY shall cover the onus and risks associated with subcontracting, including- but not limited to- the quality guarantee for the services rendered.

14.6.2. The CONTRACTED PARTY must provide the CONTRACTING PARTY, through the Contract Monitor, with all the information required by him about the services, as well as of subcontracted companies.

14.6.3. The CONTRACTED PARTY shall not be exempt from its contractual responsibilities and obligations, when- as a consequence of any type of readjustment with subcontracted companies, it is not possible to fulfill any of the obligations set forth in the contract.

15. TIMEFRAMES

15.1. Timeframe

15.1.1. The Contract's validity term must be **42 (forty-two) months**, starting on signature date, as per subitem 7.1. of the Basic Project Plan.

15.1.1.1. Any extension shall occur through a duly documented Amendment, signed by the CONTRACTING PARTY and the CONTRACTED PARTY, with at least 90 (ninety) business days' notice before the expiration of the timeframe, as per AGU Normative Directive nº 38, dated November 13, 2011.

15.2. Execution timeframe

15.2.1. The contract's execution timeframe shall be **34 (thirty-four) months**, starting on signature date, as per subitem 7.2. of the Basic Project Plan.

15.3. Receipt Timeframe

15.3.1. Goods shall be temporarily received within a 15- (fifteen-) day timeframe, starting on the date of their arrival at BACW/BACE, by the BACE/BACW's COMREC,, for the purpose of later verification of their conformity with the descriptions contained in the Basic Project Plan and in the Proposal; a detailed report must be drafted, to include the record, analysis and conclusion on the circumstances of contract execution and other documents deemed necessary, all of which must be submitted to the contract monitor.

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



15.3.2. The goods may be rejected in full or in part if they do not comply with the specifications contained in this Basic Project Plan and in the Proposal, in which case they must be corrected/newly delivered/replaced within the timeframe established by the contract monitor, at the Contracted Party's expenses, without excluding the application of penalties.

15.3.3. Goods shall be definitively accepted within a 20- (twenty-) day timeframe, starting from temporary receipt, by COMREC at BACE/BACW after the quantity and quality of the material has been verified and thereafter accepted through the relevant document.

15.3.3.1. Should it be verified that the process described in the previous item does not occur within the established timeframe, it shall be considered completed, with the final receipt occurring when the deadline expires.

15.4. Payment Processing Timeframe

15.4.1. Payment terms shall be **30 (thirty)** calendar days, starting on the date on which the definitive acceptance certificate is issued by COMREC, in accordance with subitem 7.4 of the Basic Project Plan, Attachment I to the Invitation.

16. FINANCIAL GUARANTEE

16.1. A financial guarantee shall be required of the CONTRACTED PARTY, in the amount of **5% (five percent)** of total Contract Amount, within 20 (twenty) days of CONTRACT signature, in US Dollars (USD), in accordance with item 20 of the Basic Project Plan, Attachment I to the Invitation for Bid.

16.2. A guarantee which does not cover all possible risks and losses associated with the performance of the CONTRACT shall not be accepted;

16.3. The Financial Guarantee must be valid throughout CONTRACT duration;

16.4. If the guarantee amount is used, in full or in part, the CONTRACTED PARTY must replenish the respective amount within 20 (twenty) days, starting on the date of notification.

16.5. After CONTRACT termination, further to issue of the last Final Acceptance Certificate, and verification that all CONTRACTED PARTY obligations have been fulfilled completely, the guarantee shall be released and returned.

16.6. All costs associated with the financial guarantee shall be borne by the CONTRACTED PARTY.

16.7. If the CONTRACT is amended, the financial guarantee must be extended to reflect new expiration date

17. TECHNICAL GUARANTEES

17.1. The technical guarantee shall be in accordance with the terms of item 11, Basic Project Plan, Attachment I to this Invitation for Bid.

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



18. DELIVERY LOCATION

18.1. The delivery location for the object is detailed in sub-item 8 of the Basic Project Plan, Attachment I to the Invitation for Bid.

19. CHANGES TO THE CONTRACT

19.1. The CONTRACT may be changed unilaterally by the CONTRACTING PARTY in the following situations::

19.1.1. If the project or its specifications should change, to better suit its objectives from a technical standpoint.

19.1.2. Should the Contract Amount require modification due to the quantitative increase or decrease of its Object.

19.1.3. The CONTRACTED PARTY is contractually obligated to accept, at the same terms and conditions, all changes involving an increase or decrease in services of up to 25% (twenty-five percent) of the updated original CONTRACT amount.

19.1.3.1. Quantitative decreases exceeding 25% (twenty-five percent) of CONTRACT amount shall only be executed when both parts are in agreement.

19.2. The CONTRACT may be amended by agreement between the parties in the following situations:

19.2.1. When it becomes necessary to modify the execution regime for the good or service, as well as the manner of supply, after technical verification that the original contractual terms are inviable;

19.2.2. If it becomes necessary to alter form of payment, due to unforeseen circumstances, maintaining the original updated amount, excluding advance payment, as regards the fixed payment and delivery schedule, without the equivalent consideration for the provision of goods or execution of services;

19.2.3. To reestablish the relation initially agreed upon by the parties between contractual obligations and payment from the Administration as just compensation for the service, for the purpose of maintaining the Contract's initial economic and financial equilibrium, should unforeseen events occur, or foreseeable events of unforeseeable consequences, which delay or obstruct performance of the adjusted contract, or in case of force majeure, fortuitous event or factum principis, constituting extraordinary and extracontractual economic risk.

20. SUBJECTIVE MODIFICATION

20.1. The merger, split or incorporation of the CONTRACTED PARTY with another legal entity is admissible, provided such entity complies with all qualification requirements established in this Invitation for Bid, and that all Contract clauses and terms are fulfilled, that no the execution of the contractual object is not negatively impacted in any way, and the Administration gives its explicit consent to giving the Contract continuity.

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



21. PRICE ADJUSTMENT

21.1. In accordance with Art. 65, of 1993 Law 8666, the CONTRACT may only be amended to reestablish the relation the parties initially agreed upon between the Contracted Party's obligations and their compensation by the Administration for a fair payment of the work, service or supply, thus maintaining the economic and financial equilibrium of the CONTRACT; should unforeseen facts occur or foreseeable facts of unforeseeable consequences or in case of force majeure, fortuitous events or factum principis, constituting extraordinary and extracontractual economic risk.

21.2. The economic and financial equilibrium shall be based on the CONTRACTED PARTY's formal proposal, and it shall be examined only after 12 months have lapsed from the time of CONTRACT Signature.

21.3. The physical-financial equilibrium shall be preceded by a request from the CONTRACTED PARTY, supported by a table with an analytical breakdown of the CONTRACT's cost components, which must show the formation of the current price as well the price presented in the proposal.

21.4. The inclusion of advantages which were not featured in the initial proposal is forbidden, except when they have become mandatory due to a legal agreement, normative sentence, collective agreement or collective convention.

21.5. A request to reestablish the economic and financial equilibrium shall only be taken into account through negotiation between the parties, taking into consideration:

21.5.1. The occurrence of an unforeseeable fact, or foreseeable fact of unforeseeable consequences, which delays or prevents the execution of the agreement and its adequate characterization;

21.5.2. The occurrence of a Force Majeure event, fortuitous event or factum principis, constituting extraordinary and extracontractual economic risk, and its adequate configuration;

21.5.3. Proof of imbalance, through a request by the contracted party with two price formation tables, one for the initial Price Proposal and one for the New Price Proposal;

21.5.4. Economic analysis of the table through verification of the arithmetic calculation through which the new price was obtained;

21.5.5. Processing of the relevant calculation logs;

21.5.6. Analysis of the newly calibrated price compared with market prices;

21.5.7. The existence of a budget allocation to cover a possible Price change.

21.6. A decision on the request must be finalized within a maximum timeframe of sixty days, starting on the date of delivery of proof of cost variation.

21.7. In case of economic and financial equilibrium an amendment to the current Contract shall be prepared.

21.8. The timeframe referenced in the previous paragraph shall be suspended until the CONTRACTED PARTY fulfills its obligations or provides the documentation requested by the Contacted Party to prove imbalance.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



21.9. The CONTRACTING PARTY can make evidentiary requests to verify the imbalance alleged by the CONTRACTED PARTY.

21.10. The submission of a proposal of economic and financial equilibrium by the CONTRACTED PARTY does not imply acceptance by the CONTRACTING PARTY.

21.11. Should the CONTRACTED PARTY not submit other adequately adjusted indices, the maximum adjustment amount shall be equivalent to CPI variation, Consumer Price Index, issued by the Bureau of Labor Statistics and disclosed by the Federal Reserve Bank.

22. PAYMENT

22.1. The payment term shall be up to 30 (thirty) calendar days, starting on the date on which the ACCEPTANCE CERTIFICATE is issued, alongside the invoice, in accordance with item 7.4 of the Basic Project Plan, and with the rules of procedure established in ICA 65-8.

22.2. An invoice shall be issued by the CONTRACTED PARTY in accordance with the following procedures:

22.2.1. "Approval" of the invoice is conditional upon the fulfillment of services described in the invoice presented by the CONTRACTED PARTY; and

22.2.2. In case of failure to present the necessary documents, or of a situation which prevents invoice payment, payment shall be suspended until the CONTRACTED PARTY takes applicable measures to resolve all pending issues. In this case, the payment term shall take effect after pending issues are resolved by the CONTRACTED PARTY, without any cost to the CONTRACTING PARTY.

22.3. The payment date shall be the date on which the wire transfer is processed by the CONTRACTING PARTY'S bank. The CONTRACTING PARTY shall not be responsible for any fees charged by the CONTRACTED PARTY'S financial institution.

22.4. The CONTRACTING PARTY shall not be responsible for any expenses made by the CONTRACTED PARTY which are not established in the CONTRACT.

22.5. If the CONTRACTED PARTY wishes to receive payment in any other currency than US Dollars, it shall cover the cost of any currency exchange or any other bank fees which may apply).

22.5.1. Payments made in Brazilian currency shall be made at the Exchange rate in effect on the business day immediately preceding actual payment date.

23. MONITORING

23.1. MONITORING must be performed by members of the Administration, specifically appointed to this end by the Administration, in accordance with Law N° 8.666 / 1993, ICA n° 65-8 / 2009, and ICA n° 12-23 / 2017, in order to monitor and oversee the fulfillment of the CONTRACT being performed.

23.2. MONITORING must comply with the terms of this Invitation and item 14 of the Basic Project Plan, Attachment I to the Invitation.

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



24. RECEIPT OF THE OBJECT

24.1. The object of this INVITATION must be received by COMREC in accordance with the specifications set forth in the BASIC PROJECT PLAN, Attachment I.

24.1.1. All proposals, questions, discrepancies and difficulties encountered during CONTRACT execution, requiring evaluation, must be submitted to the MONITORING, [team] for evaluation by the Chief of the BACW.

25. FORCE MAJEURE AND FORTUITOUS EVENTS

25.1. Fortuitous or Force Majeure events must be notified in writing to the Chief of the BACW, through the MONITORING team, so that he may decide the appropriate course of action, provided it has been proven that such events affected the services/materials provided in accordance with the Object of this CONTRACT .

25.2. For the purpose of this CONTRACT, events shall be considered unforeseeable or Force Majeure, if they fit the legal definition provided in the single paragraph of Art. 393 of the Brazilian Civil Code, in accordance with Line II, §1º, Art. 57 of Law Nº 8.666/93.

26. OBLIGATIONS FOR THE CONTRACTED AND CONTRACTING PARTIES

26.1. The CONTRACTING AND CONTRACTED PARTY'S obligations are listed in the BASIC PROJECT PLAN, the CONTRACT and in this Invitation for Bid.

27. CONTRACTUAL RESCISSION

27.1. The reasons for terminating the CONTRACT, as well as the measures applied in this case, are established by the CONTRACT.

28. SUSTAINABILITY

28.1. The future CONTRACTED PARTY must comply with all local laws and norms regulating protection of the environment, by promoting sustainable actions and minimizing possible impact on the environment associated with the execution of the object of the Basic Project Plan, while also complying with the following directives.

28.2. The FUTURE CONTRACTED PARTY shall be responsible for the disposal of materials, in accordance with environmental law

28.3. Within the recommendations toward environmental sustainability, the future CONTRACTED PARTY shall comply with the criteria listed in Normative Instruction Nº 1 (Environmental Sustainability Criteria in the Purchase of Goods, Contracting of Services or Works by Federal government agencies, autonomous institutions and foundations), dated January 19, 2010 by the Logistic and Information Technology Office of the Ministry of Planning, Budget and Management (SLTI/MPOG):

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



28.4. The CONTRACTED PARTY is also required to comply with noise emission levels, as set forth in Norm NBR-10.151 – Sound Evaluation in Residential Areas for the purpose of community comfort, issued by the Brazilian Association of Technical Norms– ABNT, or those set forth in NBR-10.152- Noise Levels for Acoustic comfort, by the Brazilian Association of Technical Norms- ABNT, in the terms of CONAMA Resolution N° 01, dated 03/08/90, and related legislation- if located in Brazil, or relevant legislation, if located abroad

28.5. The CONTRACTED PARTY is further required to abide by atmospheric pollutant emission limits, which shall be governed by CONAMA Resolution N° 436, dated 12/22/2011, or related current legislation where the services are performed. To this end the CONTRACTED PARTY must prioritize the use of adequate technologies to satisfy the requirement in noise reduction levels.

28.6. Should the CONTRACTED PARTY's activities fall within the hypotheses configured in article 20 of Law 12305, of 2010, National Policy on Solid Waste, the CONTRACTED PARTY shall have to issue a solid waste management plan, subject to approval by the competent authority

28.7. For the drafting, implementation, enforcement and monitoring of all steps in the solid waste management plan, including environmentally adequate final disposal of solids, a technician with due credentials shall be appointed as manager

28.8. The following forms of final disposal or elimination of solid waste are forbidden to the CONTRACTED PARTY:

28.8.1. Disposal on the beach, in the sea, or any body of water;

28.8.2. Disposal in open landfill, except for mining waste;

28.8.3. Open burning of waste, or burning in containers or installations or equipment lacking the proper license for this purpose; and

28.8.4. Any other manner forbidden by the public authority:

29. BUDGET ALLOCATION

29.1. The expenses associated with this Basic Project Plan must be covered in accordance with the following budget classification: Program 2058- National Defense, Action 2048- Aircraft Supply and Maintenance, or other action available, Nature of Expense 339030 (Third Party Legal Entity).

30. ADMINISTRATIVE SANCTIONS AND PENALTIES

30.1. The administrative sanctions and penalties are listed in item 23 of the Basic Project Plan, Attachment I to the Invitation.

31. APPEALS

31.1. The Administration's (BACW) actions during this Bid may be appealed as follows::

31.1.1. Appeal to the BIDDING COMMISSION within 5 (five) days of date of notification or record of meeting minutes/session, in case of:

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



- 31.1.1.1. Bidder qualification or disqualification;
- 31.1.1.2. Proposal ranking
- 31.1.1.3. Annulment or repeal of bid;
- 31.1.1.4. Dismissal of request for entry into registry list, modification of cancellation;
- 31.1.1.5. Rescission of CONTRACT, as regards Line I of Art. 79 of Law N° 8.666/93;
- 31.1.1.6. Application of warning fees, temporary suspension or fine.

31.2. After a bidder enters an appeal, the other bidders shall be informed so that they may submit counter-arguments within a period of **5 (five) business days**.

31.3. The appeal must be addressed to the Bidding Commission, which may reevaluate its decision within a **5- (five) business day period**.

31.3.1. If it does not accept the arguments presented in the appeal, the Bidding Commission must forward the appeal to the Expenses Supervisor for analysis within another **5 (five) business days**, with due notification.

32. GENERAL PROVISIONS

32.1. Any doubts arising from the provisions of this Invitation for Bid may be the subject of consultation, in writing, to the Bidding Commission in charge of this bidding process 48 hours before the delivery of the proposals.

32.1.1. All questions will be consolidated and answered in writing after the deadline for consultation has expired. Notification will be posted by the Bidding Commission and forwarded to the interested parties that have provided an e-mail address.

32.2. Any interested Party must carefully read this Invitation and its Attachments, as well as all instructions, terms, conditions and technical specifications presented, and familiarize itself with the circumstances or details which may affect price evaluation and the terms involved in executing the object of this bidding process.

32.3. The bidders shall be responsible for all costs associated with the preparation of their proposals. The Administration (BACW) shall in no case be responsible for such costs, regardless of the process and of the outcome of this bidding process.

32.4. Participation in this bidding process, delivery of qualification and price proposal envelopes implies full acceptance of the terms and conditions established in Invitation for Bid and Attachments, as well as the legal obligation to comply with their terms.

32.5. Any changes or amendments to this Invitation for Bid will require its disclosure in the same publication in which the original Bid was published, with an extension of the original term, except when the changes do not affect price formation in any way.

32.6. If the day is not a business day or if there are any events preventing the bidding process from being held on the scheduled date, the session will automatically be rescheduled to the following business day at the same time and place as previously indicated, unless otherwise advised by the Bidding Commission.

32.7. At any stage of the bidding process, the Bidding Commission, or any higher-ranking authority may submit a request for clarification to complement -or answer- questions about the

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



process, provided it does not imply the later inclusion of any document or information which must be made available at the time of the Bid.

32.8. The ratification of the Bidding process result does not imply the right to a Contract.

32.9. The BACW reserves the right to revoke this Bid for clear reasons of public interest such as:

32.9.1. If there is no further need for the supply or services; or

32.9.2. If changes to the invitation were of such magnitude that a new invitation would be a more desirable option.

32.10. Should this Invitation for Bid be canceled, the proposals which were received shall be returned sealed to the bidders and the cancellation notice must be sent to all possible bidders who may have received an invitation.

32.11. Preserving competitiveness in the bidding process implies that, after opening proposals, the bid must be awarded to the bidder presenting **the lowest global price per BATCH (ATA or system)**, unless there is a convincing reason to reject all proposals and cancel the invitation.

32.12. The invitations may be cancelled and the proposals rejected before the award, or after the beginning of the bidding meeting, in writing, by the Head of the BACW, in the following situations.:

32.12.1. Ambivalent or inadequate specifications in the invitation;

32.12.2. The specifications have been reviewed;

32.12.3. The material or services being contracted are no longer necessary;

32.12.4. The invitation did not take into account all cost factors for the Government

32.12.5. Due to other reasons, if canceling the Invitation is clearly in the public interest.

32.13. The timeframes established in this Invitation for Bid and its attachments do not include the first day but do include the last. The timeframes shall fall on a regular business day for the Administration (BACW).

32.14. The rules governing the bidding process must always be interpreted in such a way so as to enhance the competition between bidders, provided that they do not put the interest of the Public Administration (Brazil) at risk, or the principles of equal rights, the purpose and safety of the contract.

32.15. In case of discrepancy between the provisions of this Invitation and other documents included in the bidding process, the Invitation shall take precedence, except for the CONTRACT signed by the winning bidder (CONTRACTED PARTY), which shall govern its relation with the BACW.

32.16. The invitation for bid and its attachments may be read and/or obtained from the BACW, at the address shown below, on business days between the hours of 8:30 a.m. and 11:30 a.m., and from 1:30 p.m. to 3:00 p.m. (US Eastern Standard Time), after scheduling an appointment.

32.17. The records for this bidding process shall be available to interested parties at the address below, on business days, between the hours of 8:30 a.m. and 11:30 a.m., and from 1:30 p.m. to 3:00 p.m. (US Eastern Standard Time), after scheduling an appointment:

1701 22nd St N.W. Washington, D.C. 20008

Ph.: (202) 483 4031 Fax: (202) 483 4684

E-mail:

32.18. The DC District Court (US) is the court of law in which any lawsuits and claims which may arise in connection with this bidding process shall be filed and judged. This Invitation for Bid and

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



bidding process must be interpreted according to the principles of Brazilian Law n° 8.666 / 93 and any other applicable laws and regulations of the Federal Republic of Brazil and shall be governed and executed in accordance with the laws of the District of Columbia.

32.19. It is hereby agreed between the parties that the official language of the bid, for the purpose of documentation, correspondence and any other matter is **ENGLISH**.

Washington, D.C., January 15, 2019.

No Imp RENATO ALVES DE OLIVEIRA, Lt Col.
President of BACW's Bidding Commission

MARIO EMILIO FRAMIL CABIZUCA Lt Col

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
DIRETORIA DE MATERIAL AERONAUTICO E BÉLICO

PROJETO BÁSICO Nº 8, de 9/MAIO/18

Prestação de serviço incluindo calibração, reforma, recuperação e/ou revisão, troca (exchange) de componentes reparáveis, diretivas técnicas, publicações dos componentes reparáveis, troca (exchange) para atendimento as inspeções programadas e não programadas das aeronaves C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105 do COMAER, e para atender a produção de reparáveis feita nos Parques de Material Aeronáutico, num período de 42 (quarenta e dois) meses, contados a partir da data de assinatura do contrato, incluindo serviços adicionais.

ERRATA

Item 4.1.1

Onde se lê:

*4.1.1. A execução dos serviços do item 3 deverão seguir as seguintes etapas: retirada e entrega do material na CABE/CABW, inspeção de recebimento, desmontagem, limpeza química e mecânica, ensaios não destrutivos, inspeção físico-dimensional, elaboração de orçamento, reparo de peças e acessórios, calibração, cumprimento de diretivas técnicas, montagem parcial, preparação para ensaio em banco de provas ou bancadas de teste, ensaio em banco de provas ou bancadas de teste, pintura geral ou parcial, montagem final, inspeção final, preservação, embalagem, escrituração técnica, emissão de laudos ou relatórios técnicos, emissão de relatório de conclusão dos serviços, transporte e entrega na modalidade **INCOTERM DAP**;*

Leia-se:

4.1.1. A execução dos serviços do item 3 deverão seguir as seguintes etapas: retirada e entrega do material na CABE/CABW, inspeção de recebimento, desmontagem, limpeza química e mecânica, ensaios não destrutivos, inspeção físico-dimensional, elaboração de orçamento, reparo de peças e acessórios, calibração, cumprimento de

diretivas técnicas, montagem parcial, preparação para ensaio em banco de provas ou bancadas de teste, ensaio em banco de provas ou bancadas de teste, pintura geral ou parcial, montagem final, inspeção final, preservação, embalagem, escrituração técnica, emissão de laudos ou relatórios técnicos, emissão de relatório de conclusão dos serviços, transporte e entrega na modalidade **INCOTERM FCA**;

Item 4.5.10

Onde se lê:

4.5.10. Os componentes serão entregues, após concluído os serviços, nos seguintes endereços seguir:

COMISSÃO AERONÁUTICA BRASILEIRA EM LONDRES - CABE 16 GREAT JAMES STREET - LONDRES - REINO UNIDO CEP: WC1N 3DP
COMISSÃO AERONÁUTICA BRASILEIRA EM WASHINGTON - CABW 1701 22ND STREET, N.W. - WASHINGTON, D.C. - EUA CEP: 20008

Leia-se:

4.5.10. Os componentes serão entregues, após concluído os serviços, nos seguintes endereços seguir:

COMISSÃO AERONÁUTICA BRASILEIRA EM WASHINGTON - CABW 4601 Beech Road, Temple Hills MD 20748, Estados Unidos
--

COMISSÃO AERONÁUTICA BRASILEIRA NA EUROPA - CABE INGLATERRA - Sterling Continental Services Kestrel Way Dawley Park Hayes, Middlesex UB3 1HJ Tel: 00 44 20 8754-5050 Fax: 00 44 20 8754-5034 E-mail:scsukltd@aol.com FRANÇA - Sterling Continental Services C/O Air Cargo Services SARL Aeroport Du Bourget Batiment 66 93350 Le Bourget Tel: 00 33 1 4169-1736 Fax: 00 33 14169-1737 E-mail: sterling@acslbg.com ITÁLIA - Sterling Continental Services C/O StefanelliSpedizioni SRL 218/220 Via Cassanese 20090 Segrate (MI) Tel: 00 39 02 213-9379 Fax: 00 39 02 219-9831 Email:management@stefanelli- spedizioni.com ALEMANHA - Sterling Continental Services C/O Masterfreight G.M.B.H AmGrunenWeg, 5 D-65451 Kelsterbach Germany Tel: 49 6107 75950 Fax: 49 6107 759524 Contact: Mr. Ullrich Sendobry
--

Item 15.2.9

Onde se lê:

*15.2.9. Todo transporte, para entrega e recebimento dos componentes recuperáveis objetos deste Projeto Básico, será efetuado pela CONTRATADA e estará de acordo com INCOTERM 2010, na modalidade **DAP**;*

Leia-se:

15.2.9. *Todo transporte, para entrega e recebimento dos componentes recuperáveis objetos deste Projeto Básico, será efetuado pela CONTRATADA e estará de acordo com INCOTERM 2010, na modalidade FCA;*

São Paulo, 15 de janeiro de 2019.

ELABORADO POR:

RODRIGO LAMFRE COLMENERO – Ten Cel Eng
Chefe da FCGP

LEANDRO NÓBREGA LARA Ten Cel
Chefe da FCGC-2

CONFERIDO POR:

Brig Ar JOSÉ MADUREIRA JUNIOR
Subdiretor da SDFC

APROVADO POR:

Maj Brig Ar RICARDO AUGUSTO FONSECA NEUBERT
Diretor da DIRMAB

Two handwritten signatures in blue ink are located at the bottom right of the page. The first signature is a stylized, cursive mark, and the second is a larger, more complex looped signature.



MINISTRY OF DEFENSE
AERONAUTICAL COMMAND
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON

BASIC PROJECT Nº 8, OF MAY 9, 2018

Provision of services, to include the calibration, renovation, recovery and/or overhaul, exchange of repairable components, technical publications for repairable components, exchange in order to meet scheduled and unscheduled inspections for COMAER aircraft C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105, fulfilling the demand for production of repairable items at the Aeronautical Material Depots, including additional services, over a period of 42 (forty-two) months, starting from the date of contract signature.

ERRATUM

Item 4.1.1

Where it reads:

*4.1.1. The performance of services listed under item 3 must follow these steps: removal and delivery of the material to the BACE/BACW, inspection upon receipt, disassembly, chemical and mechanical cleaning, non-destructive tests, physical dimensional inspection, budget preparation, repair of parts and accessories, calibration, fulfillment of technical directives, partial assembly, preparation for trials on the testing bench, or workbench, partial or general painting, final assembly, final inspection, preservation, packing, technical writing, completion of evaluations or technical reports, issue of completed service report, transportation and **INCOTERM DAP** delivery.*

Shall be read:

4.1.1. The performance of services listed under item 3 must follow these steps: removal and delivery of the material to the BACE/BACW, inspection upon receipt, disassembly, chemical and mechanical cleaning, non-destructive tests, physical dimensional inspection, budget preparation, repair of parts and accessories, calibration, fulfillment of technical directives, partial assembly, preparation for trials on the testing bench, or workbench, partial or general painting, final assembly, final inspection, preservation,

packing, technical writing, completion of evaluations or technical reports, issue of completed service report, transportation and **INCOTERM FCA** delivery.

Item 4.5.10

Where it reads:

4.5.10. The components shall be delivered, after completing the service, to the following addresses:

BRAZILIAN AERONAUTICAL COMMISSION IN LONDON 16 GREAT JAMES STREET - LONDON – UNITED KINGDOM CEP: WC1N 3DP
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON 1701 22ND STREET, N.W. - WASHINGTON, D.C. - USA CEP: 20008

Shall be read:

4.5.10. The components shall be delivered, after completing the service, to the following addresses:

BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON - CABW 4601 Beech Road, Temple Hills MD 20748, Unites States of America
--

BRAZILIAN AERONAUTICAL COMMISSION IN LONDON- CABE ENGLAND - Sterling Continental Services Kestrel Way Dawley Park Hayes, Middlesex UB3 1HJ Tel: 00 44 20 8754-5050 Fax: 00 44 20 8754-5034 E-mail:scsukltd@aol.com
FRENCH - Sterling Continental Services C/O Air Cargo Services SARL Aeroport Du Bourget Batiment 66 93350 Le Bourget Tel: 00 33 1 4169-1736 Fax: 00 33 14169-1737 E-mail: sterling@acslbg.com
ITALY - Sterling Continental Services C/O StefanelliSpedizioni SRL 218/220 Via Cassanese 20090 Segrate (MI) Tel: 00 39 02 213-9379 Fax: 00 39 02 219-9831 Email:management@stefanelli-spedizioni.com
GERMAN - Sterling Continental Services C/O Masterfreight G.M.B.H AmGrunenWeg, 5 D-65451 Kelsterbach Germany Tel: 49 6107 75950 Fax: 49 6107 759524 Contact: Mr. Ullrich Sendobry

Item 15.2.9

Where it reads:

15.2.9. *All transportation for the delivery and receipt of repairable components in this Basic Project Plan shall be carried out by the CONTRACTED PARTY as INCOTERM 2010, **DAP** modality.*

Shall be read:

15.2.9. All transportation for the delivery and receipt of repairable components in this Basic Project Plan shall be carried out by the CONTRACTED PARTY as INCOTERM 2010, **FCA** modality.

Washington D.C., January 15, 2019.

Prepared by:



MARIO EMILIO FRAMIL CABIZUCA, Lt Col
BACW's Bidding and Contracts Chief

Approved by:



LEONARDO GUEDES, Col
BACW's Chief

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**MINISTÉRIO DA DEFESA
COMANDO DA AERONÁUTICA
DIRETORIA DE MATERIAL AERONÁUTICO E BÉLICO**

**PROJETO BÁSICO 008
REPARÁVEIS EXTERIOR**

Elaborado de acordo com o Inciso IX do Art 6º da Lei nº 8.666/93 e o manual do TCU "Licitações & Contratos – Orientações Básicas, 4ª Edição 2010.

SUMÁRIO

1	PREÂMBULO _____	4
1.1	Histórico _____	4
1.2	Convenções e Abreviaturas _____	4
2	FINALIDADE _____	15
3	OBJETO _____	16
4	ESPECIFICAÇÃO DO SERVIÇO E DO MATERIAL DE APLICAÇÃO _____	16
4.1	Serviços de "Overhaul" , Reparo e Pequeno Reparo _____	16
4.2	Material de Aplicação para o Serviço de "Overhaul", Reparo e Pequeno Reparo: _____	19
4.3	Seguro _____	20
4.4	Soluções Técnicas _____	21
4.5	Prazo de Execução _____	21
5	JUSTIFICATIVA DA CONTRATAÇÃO _____	23
6	REGIME DE EXECUÇÃO _____	24
7	PRAZOS _____	24
7.1	Prazo de Vigência _____	24
7.2	Prazo de Execução _____	24
7.3	Prazo de Recebimento _____	24
7.4	Prazo de Pagamento _____	25
8	LOCAL DA EXECUÇÃO DOS SERVIÇOS _____	25
9	ESTIMATIVAS DE CUSTOS PARA OS PREÇOS DE REFERÊNCIA E APRESENTAÇÃO DAS PROPOSTAS _____	25
9.1	Procedimentos gerais _____	25
9.2	Custos para os serviços elencados no Objeto deste PB _____	28
9.3	Critérios para aprovação de Orçamentos para efeito de EXCHANGE _____	29
9.4	Caso de Não Aprovação do Orçamento _____	33
10	Apresentação de Proposta e Critérios de Julgamento _____	34
11	GARANTIA TÉCNICA _____	36
11.1	Descrição das Condições _____	36
12	CONDIÇÕES DE RECEBIMENTO _____	37
13	QUALIFICAÇÃO TÉCNICA EXIGÍVEL DA EMPRESA _____	39
14	FISCALIZAÇÃO _____	41

CELOG

15	OBRIGAÇÕES GERAIS _____	42
15.1	Da CONTRATANTE _____	42
15.2	Da CONTRATADA _____	42
16	MÉTRICAS DE DESEMPENHO _____	43
17	SERVIÇOS ADICIONAIS _____	45
18	DOTAÇÃO ORÇAMENTÁRIA E CRONOGRAMA FISICO-FINANCEIRO	45
19	FORMA DE AQUISIÇÃO _____	47
20	GARANTIA NA EXECUÇÃO _____	47
21	ALTERAÇÃO SUBJETIVA _____	47
22	SUSTENTABILIDADE AMBIENTAL _____	48
23	SANÇÕES ADMINISTRATIVAS _____	49
24	DISPOSIÇÕES GERAIS _____	52

1 PREÂMBULO

1.1 Histórico

A DIRMAB é o Órgão dentro da FAB responsável pelo suporte logístico às aeronaves em todos os níveis da cadeia de suprimento.

A fim de promover Suporte Logístico à frota da FAB, a DIRMAB possui inúmeras oficinas internas e externas, estas últimas através de contratos, que possuem a missão de reparar vários componentes de diversas aeronaves da FAB.

Atualmente, existem diversos contratos destinados ao reparo de componentes que atendem cada aeronave, gerando assim diversos controles distintos com custos específicos de mão de obra e recursos de gestão administrativa dentro da FAB.

Dentro desta conjuntura, a DIRMAB optou em estabelecer um contrato único com o fito de reduzir os custos dentro da cadeia de suprimento logístico, otimizando a gestão administrativa e realizando uma economia de escala, além de possibilitar a ampliação da concorrência a nível nacional e internacional.

1.2 Convenções e Abreviaturas

A fim de facilitar o entendimento dos termos do Projeto Básico e simplificar a elaboração do seu texto, foram adotadas as siglas e expressões com os significados correspondentes ao lado declarados, de conformidade com o que se segue:

AGENTE DIRETOR: É a autoridade que exerce a direção das atividades administrativas da UNIDADE GESTORA.

AIPC: "Aircraft Illustrated Parts Catalog" (Catálogo Ilustrado de Peças da Aeronave): publicação técnica do fabricante que informa todos os PN que equipam a aeronave e são necessários para sua operação.

ALA: Unidade da FAB que se destina a coordenar, controlar e executar as atividades administrativas e logísticas necessárias ao funcionamento de suas

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Organizações Militares subordinadas, ou eventualmente desdobradas, bem como de outras Organizações Militares sediadas na área jurisdicionada.

ANAC: Agência Nacional de Aviação Civil, do Governo Brasileiro.

AOG: Aircraft on Ground. Designação utilizada para definir que a aeronave está inapta para continuar ou retornar a operar até que as medidas cabíveis sejam tomadas para restituir a condição de aeronavegabilidade da Aeronave. Esta condição caracteriza prioridade máxima para processar um pedido de peças sobressalentes e/ou atos de manutenção.

ATA: As Atas a serem consideradas para fins desse RFI serão de acordo com a especificação ATA-100, da "Associação dos Transportes Aéreos da América", conforme link "www.s-techent.com/ATA100.htm", com exceção das Atas relacionadas ao motor, hélice e guerra eletrônica.

AUTORIDADE DE AVIAÇÃO APROVADA (AAA): significa o IFI no Brasil, a Administração Federal de Aviação nos Estados Unidos (FAA), a Agência Européia para Segurança da Aviação (EASA) na Europa, ou, conforme identificada pelo CONTRATANTE e acordado por escrito com a CONTRATADA, qualquer outra autoridade de aviação estrangeira equivalente que possua jurisdição sobre a execução dos serviços previstos no presente Projeto Básico.

AUTORIDADE DE AVIAÇÃO CIVIL: Significa a ANAC, no Brasil, ou outra agência que seja reconhecida como responsável pela Administração da Aviação Civil no país onde ocorrer a prestação dos serviços ou o recebimento do Objeto.

BER: Beyond Economic Repair ou Reparo Economicamente Inviável. Termo comumente utilizado para definir a condição de peça ou componente, cujo custo total de reparo torna-se inviável economicamente (reparo superior a 70% do valor da peça nova – ICA 66-13).

BS: Boletim de Serviço ou Service Bulletin (SB). Significa um documento emitido pelo Fabricante do componente, que fornece as informações sobre a forma que uma modificação deve ser efetuada.

C-95/P95: Designativo atribuído pela Força Aérea Brasileira à aeronave EMB 110, conhecida pelo nome de Bandeirante.

C-97: Designativo atribuído pela Força Aérea Brasileira à aeronave EMB 120, conhecida pelo nome de Brasília.

C-98: Designativo atribuído pela Força Aérea Brasileira à aeronave Cessna 208, conhecida pelo nome de Caravan.

C-105: É um bimotor turbo- hélice desenvolvido para o transporte tático militar. Denominado pela FAB de AMAZONAS.

CABE - Comissão Aeronáutica Brasileira na Europa. Escritório Logístico responsável pela cadeia de suprimento no exterior sediada em Londres.

CABW – Comissão Aeronáutica Brasileira em Washington. Escritório Logístico responsável pela cadeia de suprimento no exterior sediada em Washington.

CALIBRAÇÃO: É a prestação de serviços, em item calibrável, visando colocá-lo em condições de utilizável através da utilização de padrões específicos, que garantem o correto funcionamento do mesmo.

CENTRO DE SERVIÇO: significa um estabelecimento de manutenção que atende, em todos os aspectos, as exigências da Autoridade Aeronáutica no Estado ou no País onde a oficina opera, está homologada para operar como uma oficina dos modelos das aeronaves referentes a este Projeto Básico pela Autoridade Aeronáutica e pelo fabricante da aeronave;

COC: Certificado de Conformidade

CHE: Certificado de Homologação de Empresa, emitido pela ANAC.

CHT: Certificado de Habilitação Técnica, emitido pela ANAC.

CMM: Components Maintenance Manual. Catálogo de Peças de Reparo com descrição de fornecedores.

COMAER: Comando da Aeronáutica.

COMPONENTE: Qualquer peça independente, combinação de peças, subconjuntos, conjuntos ou unidades, nova ou usada, com função distinta e necessária à operação da aeronave e um ou mais atas relacionados a ele.

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COMPONENTE CONSUMÍVEL: Significa componente que é utilizado somente uma vez, e que será tratado no presente Projeto Básico como um Componente Descartável.

COMPONENTE DESCARTÁVEL: Significa componente para o qual não existe um processo de reparo autorizado ou cujo custo de reparo normalmente excederia o custo de substituição.

COMPONENTE DE GIRO: Componente reparável em condições de uso, porém que não estejam instalados na aeronave.

COMPONENTE REPARÁVEL: Significa um componente que compreenda ou inclua componentes substituíveis, desde que economicamente viáveis de serem reparados, e sujeitos a serem reabilitados a uma completa condição operacional durante um período inferior à vida útil do equipamento de voo ao qual o mesmo encontra-se relacionado.

COMPONENTE SEM CONDIÇÃO DE USO: Significa um componente que tenha se tornado não utilizável ou o componente que precisa ser retirado da aeronave para reparo ou revisão geral.

COMREC: Comissão de Fiscalização e Execução de Contratos, constituída por representantes do COMAER, designada para representá-lo, a fim de acompanhar a execução e o recebimento dos serviços objeto deste Projeto Básico, junto à CONTRATADA.

"Condition NEW": Item novo de fábrica que não apresenta nenhuma desconformidade e nenhum tipo de pane ou discrepância. Não é considerado novo o item que sofreu overhaul.

CONJUNTO MAIOR: Conjunto reparável constituído de dois ou mais componentes também reparáveis, integrados ou conectados ao todo, cumprindo função específica para o funcionamento geral e que seja submetido a um indicador para revisões gerais ou reparos como, por exemplo, TSO, TSN, TBO, CSN, etc.

CONDIÇÃO DE AERONAVEGABILIDADE: Significa o estado de segurança obrigatório exigido pela Autoridade de Aviação Civil para manter a Aeronave em

operação normal de voo, conforme projeto de tipo aprovado, exceto se de outra forma especificado neste Projeto Básico.

CONTRATADA: Empresa fornecedora dos serviços objeto do presente Projeto Básico, a ser contratada para executá-los.

CONTRATANTE: A União, representada pelo Comando da Aeronáutica, através do PAMAS.

CONTRATO DE DESPESAS: Para efeito deste Projeto Básico, apenas CONTRATO e define-se como: o ajuste que a Administração Pública (CONTRATANTE), agindo nessa qualidade, firma com particular ou outra Entidade Administrativa (CONTRATADA), para contratação dos serviços aeronáuticos ora em pauta e nas condições estabelecidas pela própria Administração Pública.

CTLA: Centro de Transporte Logístico da Aeronáutica.

DA: Diretriz de Aeronavegabilidade. Significa qualquer diretriz mandatária publicada pela Autoridade de Aviação Civil e que define ações para manter a Condição de Aeronavegabilidade da Aeronave.

DIRMAB: Diretoria de Material Aeronáutico e Bélico.

DRS: A principal oficina de reparo designada pela CONTRATADA.

EA ou "ea": Unidade ou "each other".

END USER: Declaração de Usuário Final.

ESM: Esquadrão de Suprimento e Manutenção.

EXCHANGE: Substituição de um item reparável de propriedade do COMAER por outro item reparável de propriedade da CONTRATADA, desde que seja oferecido um item igual, alternado ou superior de seu estoque, com um potencial de uso que possa ser quantificado e esteja próximo ao potencial do item substituído mais os custos de revisão ou reparo que o mesmo venha a sofrer nesta substituição.

F-5M: Designativo atribuído pela Força Aérea Brasileira à aeronave Northrop F-5E Tiger, conhecida pelo nome de F-5.

FAA-AC-56: Norma FAA que estabelece empresas a serem certificadas para cada sistema (ATA) da aeronave, conforme estabelecido no endereço eletrônico www.aviationsuppliers.org/faa-ac00/56.

FAB: Força Aérea Brasileira.

FACTORY NEW: Item novo ainda não estocado.

FADT: Ficha de Análise de Diretiva Técnica. Este termo significará o parecer da CONTRATANTE, quanto à decisão de incorporar uma Diretiva Técnica emitida por algum fabricante envolvendo algum item aeronáutico.

FEDLOG: Catálogo Federal Americano.

FHT: Ficha Histórico ou Ficha Amarela. Este termo designará o documento emitido pela CONTRATANTE, para cada item aeronáutico possuidor de número de série e que conterà os seguintes dados: Aeronave/motor no qual foi instalado; Datas de instalação/remoção; Horas parciais e totais de funcionamento; Motivo de remoção; Diretivas Técnicas incorporadas; Serviços executados no item; Datas de execução dos serviços e Peças substituídas.

FISCAL: Agente da Administração especialmente designado como seu representante para acompanhar e fiscalizar a execução do instrumento contratual, permitida a contratação de terceiros para assisti-lo e subsidiá-lo de informações pertinentes a essas atribuições nas situações em que o seu conhecimento técnico não seja suficiente para exercê-las.

É o responsável pelo recebimento e remessa de todas as comunicações, orçamento e aprovação de orçamento.

É o responsável pelo encaminhamento de orçamentos para aprovação pelo ORDENADOR DEDESPESAS do PAMAS.

GLOG: Grupo Logístico que possui a atribuição de coordenar, orientar e fiscalizar as atividades da cadeia de suprimento e manutenção nas respectivas ALAs.

GMM: Guia de Movimentação de Material. Este termo designará o documento, emitido pela CONTRATANTE, que acompanhará o item aeronáutico que irá sofrer algum serviço na empresa CONTRATADA.

HANDLING: Todo acréscimo, em termos de porcentagem, em relação a um preço ou valor de referência em função da aquisição de material e seus respectivos ônus financeiro, despesas direta e indireta e lucro.

H-60L: Aeronave designada pelo fabricante como S-70. É um helicóptero médio bimotor de transporte utilitário e assalto. NA FAB é conhecido como H-60L.

H/H: Homem-hora.

HSCA: Histórico de Serviços de Componentes e Acessórios.

ICA 65-8: Instrução do Comando da Aeronáutica sobre as Atribuições do Fiscal de Contrato e COMREC.

ICA 66-13: Instrução do Comando da Aeronáutica sobre os Serviços de Manutenção nas Empresas Aeronáuticas.

IHS: Catálogo Federal Americano de Preço de Peça.

INCOTERMS 2010: Termos Internacionais de Comércio.

INVOICE: Documento comercial que formaliza uma operação dos serviços descritos neste Projeto Básico como exterior, contendo quantidade, preço e condições de pagamentos das mercadorias ou dos serviços prestados.

LOG CARD: Registro histórico.

MODIFICAÇÃO: É a prestação de serviço realizada em item recuperável, visando o cumprimento de um Boletim ou Norma Técnica.

MANUTENÇÃO PROGRAMADA: Significa uma Manutenção realizada em intervalos determinados previamente para manter um Componente reparável em condições operacionais, através de inspeção sistemática, detecção e substituição de Componentes gastos, ajuste, calibração e limpeza, de acordo com os manuais.

MANUTENÇÃO NÃO-PROGRAMADA: Significa a Manutenção que não tenha sido contemplada pela MANUTENÇÃO PROGRAMADA ou que ocorreu antes do prazo esperado, e que foi realizada para que a condição de aeronavegabilidade do componente reparável, ou de um componente fosse restaurada através da correção de uma falha ocorrida ou detectada por intermédio de um procedimento

de pesquisa de panes evidente, de uma suspeita de mau funcionamento e/ou de um defeito, de acordo com os manuais.

NATO: Sistema de Catalogação da OTAN e descrito no site http://www.nato.int/structur/AC/135/nmcrl/nmcrl_e/index.htm.

NÃO ADEQUADOS AO USO: Em desacordo com os padrões de aeronavegabilidade estabelecidos pela AAA.

NEW SURPLUS: Item novo na prateleira.

NEW MANUFACTURE: Item novo ainda não estocado.

NF: Nota Fiscal.

NFF: Itens enviados pela CONTRATANTE e que não necessitam de reparo.

NSN: NATO Stock Number ou número de estoque da OTAN.

OEM: Fabricante Original do Equipamento.

OFICINA: Instalação da CONTRATADA onde serão executados os serviços objetos deste Projeto Básico. Também se considera oficina o local de execução dos serviços descritos no Objeto deste Projeto Básico.

OPERADORES: Unidades Aéreas e Parques de Material Aeronáutico

ORDENADOR DE DESPESAS: É todo Agente da Administração ou Agente Público que exerce a função de direção das atividades de administração orçamentária, financeira e patrimonial na UG.

PROCESSO ADMINISTRATIVO DE GESTÃO (PAG): Consiste na reunião cronológica das peças que compõem um processo, a partir da inicial que o originou até o índice, com todas as folhas rubricadas e numerada sem ordem crescente, a partir da capa, esta com indicações relativas ao assunto, ao interessado e à data.

P-3AM: Aeronave de patrulhamento marítimo de longo alcance e guerra antissubmarina.

PAMALS: Parque de Material Aeronáutico de Lagoa Santa. Parque Central dos Projetos C-95, C-97, C-98, C-105, H-60L, F-5, P-3AM, T-25 e T-27.

PARQUE CENTRAL - PAMAs: Órgão executivo do SISMA responsável por todas as providências necessárias às atividades de suprimento, manutenção, apoio técnico aos operadores, controle geral de um projeto ou equipamento atribuído ao seu encargo pelos operadores e controle geral de um projeto ou equipamento atribuído ao seu encargo pelo Órgão Central do sistema, bem como por conhecer perfeitamente a situação dos equipamentos de aplicação nos projetos sob seu encargo, cuja recuperação seja de responsabilidade de outro Parque, na condição de Parque Oficina. O Parque Central é o gestor do Projeto como um todo, inclusive dos componentes eventualmente atribuídos a um ou mais Parques Oficina.

PB: Projeto Básico.

PEÇAS REJEITADAS: Peças consideradas pela CONTRATADA como Inadequadas ao Uso e cujos reparos sejam economicamente inviáveis (BER), com valor de reparo superior a 70% da peça nova.

PN: Número de Peça ou "Part Number".

PMA: Itens não originais de fábrica que podem ser aplicados as aeronaves com certificação pela FAA ou Autoridade Civil ou Militar que tenha a mesma competência.

PEQUENO REPARO: É a prestação de serviços, em item reparável, visando colocá-lo em condições de utilizável. Podendo o mesmo, após o reparo, ser colocado diretamente para a "linha de voo" ou, retornado ao estoque de utilizáveis. Difere do reparo pelo grau de intervenção de mão de obra e material para o retorno do item a linha de voo.

PRICE LIST: Lista de preço emitida pelo fabricante das peças que foram utilizadas no serviço.

REFORMA – É a prestação de serviço em item reparável que consiste na incorporação de itens (spare parts) visando um "upgrade" daquele item.

REMOÇÃO PROGRAMADA DE COMPONENTE: Quando uma peça atingir seu limite programado para sua remoção, ele deve ser retirado do serviço e enviado à Oficina para que sofra uma revisão.

REMOÇÃO NÃO-PROGRAMADA DE COMPONENTE (PREMATURA): Quando uma peça apresentar falha funcional antes de atingir o tempo entre revisões e a ação corretiva prescrita não eliminar a falha, ele é removido de serviço, não importando horas, tempo, nº de partidas ou de funcionamento ainda disponíveis e encaminhado à Oficina revisora.

REPARO: É a prestação de serviços, em item reparável, visando colocá-lo em condições de utilizável. Podendo o mesmo, após o reparo, ser colocado diretamente para a “linha de voo” ou, retornado ao estoque de utilizáveis.

REVISÃO GERAL ou “OVERHAUL”: É a prestação de serviço que engloba um conjunto maior de intervenções, com troca de partes obrigatórias, em um item reparável, que não obrigatoriamente estará avariado; podendo ocorrer para cumprimento de TBO.

SEGVOO 003 (Etiqueta de Aprovação de Aeronavegabilidade) – Formulário destinado ao registro primário de manutenção, visando à aprovação do retorno ao serviço de motores, hélices e produtos aeronáuticos Classes II e III, após manutenção, manutenção preventiva, recondicionamento, modificação ou reparo, de acordo com a Seção 43.9 do RBHA 43, emitido pela ANAC.

O preenchimento do formulário deverá seguir ao previsto na Instrução Normativa n.º IAC 3149-21/43-0302, de 01 abr. 2002, emitida pela ANAC.

A CONTRATADA deverá apresentar documento similar ao SEGVOO do país que ira realizar o serviço.

SILOMS: Sistema Integrado de Logística de Manutenção e Serviço, do Comando da Aeronáutica. “Software” utilizado pela FAB, com a finalidade de registrar, identificar e movimentar material aeronáutico.

SISMA: Sistema de Material da Aeronáutica.

S/N: Número de Série ou “Serial Number”. Código Alfa numérico que individualiza um equipamento. Tal código fica apostado no referido equipamento.

T-25: Designativo atribuído pela Força Aérea Brasileira à aeronave Neiva T-25, conhecida pelo nome de T-25.

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T-27: Designativo atribuído pela Força Aérea Brasileira à aeronave EMB T-27, conhecida pelo nome de Tucano.

TAT: Turn Around Time, tempo entre o recebimento da peça pela CONTRATADA e seu retorno à CONTRATANTE em condição de uso, após serviço executado previsto neste PB.

TAXA PRORATA (P): É uma taxa administrativa a ser paga por uma das partes, em caso de Exchange.

TBO: "Time Between Overhaul". É o tempo entre duas revisões gerais de um item ou equipamento.

TCTR: Subdivisão de Controle dos Parques de Material Aeronáutico.

TLV: "Tempo Limite de Vida" de um item reparável.

TSN: É o tempo total de utilização de um item ou equipamento desde novo.

TSO: É o tempo de utilização de um item ou equipamento desde a última revisão geral.

TTEC: Divisão Técnica dos Parques de Material Aeronáutico PAMAS.

UNIDADE ADMINISTRATIVA: É a Organização Militar (O.M.) ou sua fração encarregada, por atos legais, da gerência de patrimônio e de recursos creditícios ou financeiros a ela especificamente atribuídas, no todo ou em parte.

UNIDADE GESTORA(UG): - É a denominação genérica de UNIDADE ADMINISTRATIVA.

WEBFLIS: Catálogo federal americano.

2 FINALIDADE

2.1. O presente Projeto Básico tem por finalidade apresentar o conjunto de elementos necessários e suficientes, com nível de precisão adequado, para caracterizar os serviços, objeto pretendido pela Administração, o qual integrará o Processo Administrativo de Gestão que tratará da contratação de Serviços, incluindo aquisição, calibração, reforma, recuperação e/ou revisão de componentes e peças reparáveis das aeronaves C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105 do COMAER, por 42 (quarenta e dois) meses, contados a partir da data de assinatura do Contrato, a qual deverá estar definida na apresentação da Proposta Comercial, possibilitando à Administração avaliar os seus custos, definir o seu prazo e os seus métodos de execução, bem como orientar e disciplinar o relacionamento entre a futura CONTRATADA e a CONTRATANTE.

2.2. A presente contratação visa a redução do tempo entre remessa e recebimento de recuperáveis (TAT), garantindo dessa forma o atendimento aos índices de disponibilidade estabelecidos pelo COMAER e redução de custos. A otimização do fluxo de recuperáveis implica na economia de não se adquirir grandes quantidades de itens de alto valor para formação de estoque, implicando em uma considerável economia de recursos. A redução do tempo de retorno de componentes que venham a causar indisponibilidade garante o rápido regresso à condição de aeronavegabilidade dessas aeronaves, fortalecendo a capacidade do COMAER de combate e de atendimento às necessidades emergenciais da nação brasileira.

2.3. A disponibilidade permanente da execução dos serviços de calibração, reforma, modificação, "exchange", reparo e revisão geral em componentes recuperáveis nos projetos elencados no objeto, pertencentes à Força Aérea Brasileira tem como objetivo a recuperação dos itens cuja manutenção não é realizada pelas Oficinas Internas dos PAMAs, e que por falta de capacitação dos recursos humanos e materiais dessa Organização Militar, necessitam de ser reparados em empresas externas.

3 OBJETO

3.1. Prestação de serviço incluindo calibração, reforma, recuperação e/ou revisão, troca (exchange) de componentes reparáveis, diretivas técnicas, publicações dos componentes reparáveis, troca (exchange) para atendimento as inspeções programadas e não programadas das aeronaves C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105 do COMAER, e para atender a produção de reparáveis feita nos Parques de Material Aeronáutico, num período de 42 (quarenta e dois) meses, contados a partir da data de assinatura do contrato, incluindo serviços adicionais.

3.2 Os serviços descritos estão inseridos nos conceitos de proposta de "Overhaul", Reparo e Pequeno Reparo.

3.3. A relação de todos reparáveis, cujos serviços serão realizados no exterior e que atenderá as aeronaves listadas no objeto, estão no Anexo A.

4 ESPECIFICAÇÃO DO SERVIÇO E DO MATERIAL DE APLICAÇÃO

4.1 Serviços de "Overhaul", Reparo e Pequeno Reparo

4.1.1. A execução dos serviços do item 3 deverão seguir as seguintes etapas: retirada e entrega do material na CABE/CABW, inspeção de recebimento, desmontagem, limpeza química e mecânica, ensaios não destrutivos, inspeção físico-dimensional, elaboração de orçamento, reparo de peças e acessórios, calibração, cumprimento de diretivas técnicas, montagem parcial, preparação para ensaio em banco de provas ou bancadas de teste, ensaio em banco de provas ou bancadas de teste, pintura geral ou parcial, montagem final, inspeção final, preservação, embalagem, escrituração técnica, emissão de laudos ou

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relatórios técnicos, emissão de relatório de conclusão dos serviços, transporte e entrega na modalidade INCOTERM DAP;

4.1.2. Todos os serviços executados deverão estar, sempre, em conformidade com as publicações técnicas emitidas pelo fabricante do item, dos componentes e acessórios;

4.1.3. A CONTRATANTE poderá fornecer a publicação para realização dos serviços, porém a CONTRATADA deverá ser capaz de realizar o serviço por si, sem depender de auxílio da CONTRATANTE.

4.1.4. Todas as diretivas técnicas de aeronavegabilidade a serem incorporadas nos itens, componentes e acessórios, deverão ser submetidas ao Fiscal do Contrato, para aprovação, via FADT, com antecedência mínima de 10 (dez) dias úteis à previsão de sua aplicação, por meio de comunicação formal; e

4.1.5. Todos os custos de preservação, embalagem, seguros, taxas, impostos armazenagem, transporte, taxas de embarque, contribuições previdenciárias, trabalhistas, quaisquer outras despesas com pessoal decorrente de legislações trabalhistas e previdenciárias, desembarque e portuárias dos insumos e dos serviços em si objeto deste Projeto Básico, estarão sob a responsabilidade e expensas da CONTRATADA desde sua retirada da CABE/CABW até seu retorno à CABE/CABW.

4.1.6. O serviço terá início a partir do recebimento pelo CONTRATADO da Ordem de Serviço emitida pela FISCALIZAÇÃO.

4.1.7. Deverão constar no Orçamento enviado aos PAMAs as seguintes informações:

- a) "Part Number", Nomenclatura e N.º de série do item a ser revisado;
- b) Número e data da Guia de Movimentação de Material (GMM) que acompanha o item enviado pelos PAMAs;
- c) Natureza e detalhamento completo do serviço a ser executado;
- d) Quantidade de Homens-hora a empregar na revisão geral ou reparo;
- e) Preços unitários e total da mão de obra a empregar;

- f) Valor do material aplicado, discriminando a quantidade, a Nomenclatura, "Part Number". Os preços unitários deverão ser totalizados em moeda americana;
- g) Cópia do "PRICE LIST" utilizado do componente reparável;
- h) Os preços totais de mão de obra e do material aplicado deverão ser somados, cujo resultado espelhará o custo total do serviço a ser executado e cobrado, sendo que qualquer alteração no orçamento inicial deverá ter prévia autorização do PAMAS; e
- i) Número da Ordem de Serviço dos Parques de Material Aeronáuticos.
- j) NSN da peça.

4.1.8. Para o recebimento dos serviços executados, todos os parâmetros dos equipamentos deverão estar, sempre, em conformidade com as publicações técnicas emitidas pelos fabricantes do item, dos componentes e acessórios.

4.1.9. O serviço terá início a partir do recebimento pela CONTRATADA da Ordem de Serviço.

4.1.10. Todo o recebimento do serviço deverá constar a FHT, COC e HSCA da peça submetida aos serviços descritos no objeto deste PB.

4.1.11. Os REPAROS poderão abranger não só os "Part Numbers" (PN) e "Serial Numbers" (SN) originais, assim como os seus respectivos superadores, alternados ou modificados.

4.1.12. O desembaraço alfandegário no Brasil para envio e recebimento do material para o exterior, e todos os custos atrelados, serão de responsabilidade da CONTRATANTE no trajeto PAMAs - CABE/CABW - PAMAs.

4.1.13. Todos os custos alfandegários, impostos, IVA e outros atrelados aos serviços (custos diretos e indiretos) correrão a cargo da CONTRATADA desde a retirada do material reparável na CABE/CABW, passando pelo Centro Reparador, até a devolução do componente reparado a CABE/CABW.



4.2 Material de Aplicação para o Serviço de “Overhaul”, Reparo e Pequeno Reparo:

4.2.1. Na execução dos serviços especificados neste Projeto Básico, a CONTRATANTE não se obriga a fornecer nenhum tipo de material de aplicação, seja ele produto especial, tinta, gás, lubrificante, combustível, teste, ferramenta, transporte, material de consumo necessário à realização dos serviços descritos no objeto deste PB, banco de prova ou publicação técnica, estando tudo isso sob a responsabilidade e à custa da CONTRATADA.

4.2.1.1. Por opção e no interesse da Administração, a CONTRATANTE poderá vir a fornecer qualquer tipo de material de aplicação nos serviços, com redução do preço do serviço de acordo com o preço de mercado, e não poderá haver incidência de taxas, impostos ou quaisquer outros custos diretos e indiretos sobre os valores dos materiais fornecidos.

4.2.2. Dependendo da urgência, da disponibilidade de recursos financeiros e da exequibilidade dos custos, qualquer componente recuperável pertencente à FAB poderá ser trocado (Exchange) por outro pertencente à empresa, desde que a troca seja previamente autorizada pelo Ordenador de Despesas, através do Fiscal do Contrato, em conformidade com o disposto no subitem 9.3 deste PB.

4.2.3. Toda a matéria-prima e item de suprimento empregados na revisão geral ou reparo de itens aeronáuticos, aplicados pela FUTURA CONTRATADA, serão OEM, PMA e novos de fábrica (Factory New) e/ou “New Surplus” e/ou “New Manufacture”. Por conseguinte, a CONTRATADA obriga-se a empregar somente peças novas em perfeito estado, sem danos decorrentes de manuseio, embalagem, estocagem e transporte.

4.2.4. A FUTURA CONTRATADA será responsabilizada pelo emprego de material impróprio, do item a ser revisado, naqueles casos em que ocorrer o seguinte:

- a) Emprego de componente não adequado ao tipo ou modelo do item aeronáutico, objeto de revisão;

- b) Emprego de componente superado por Diretiva Técnica de caráter mandatário, ou por catálogo de peças; e
- c) Quaisquer condições que seja comprovado o erro de execução do serviço pela CONTRATADA.

4.2.5. Caso ocorra o retorno do item aeronáutico decorrente de uso de material inadequado, durante a revisão original, a FUTURA CONTRATADA deverá proceder a uma nova revisão e substituição dos materiais danificados, sem ÔNUS para o PAMAs, independentemente do período de validade concedido a título de Garantia dos serviços.

4.2.6. Não deverão ser incluídos como responsabilidade da CONTRATADA:

- a) Reparos de itens devidos a abuso, negligência ou operação, manutenção inadequada por parte da CONTRATANTE.
- b) Inundações, terremotos, raios, etc.
- c) Modificações, substituições ou troca de equipamentos indicados pela CONTRATANTE.
- d) Implementação de Diretivas de Aeronavegabilidade.
- e) Manutenção adicional causado por troca de configuração do avião (equipamentos especiais, etc.).
- f) Reparo, calibração e manutenção de GSE, equipamentos de apoio e ferramentas.

4.3 Seguro

4.3.1. Todos os componentes recuperáveis que estiverem sob a guarda da CONTRATADA, seja em trânsito, armazenado ou em execução de Serviço pela CONTRATADA deverão estar cobertos por seguro, que garanta os seus ressarcimentos ao preço de mercado equivalente ao estado do material reparado.

4.4 Soluções Técnicas

4.4.1. Na ausência de referências técnicas para determinação da execução dos serviços objetos deste Projeto Básico, estes deverão ser executados com base nas decisões da Engenharia da CONTRATADA, após aprovação da CONTRATANTE, por intermédio do Fiscal do Contrato.

4.4.2. A CONTRATADA deverá prover Assessoria Técnica à CONTRATANTE nos assuntos tangentes aos itens reparáveis da aeronave, sem custos adicionais para a CONTRATANTE.

4.5 Prazo de Execução

4.5.1. O prazo de execução para o cumprimento do Objeto deste Projeto Básico é de 34 (trinta e quatro meses), contados a partir da assinatura do contrato.

4.5.2. Todos os serviços especificados neste Projeto Básico só poderão ser realizados após a aprovação dos seus orçamentos. O prazo para entrega do orçamento aos PAMAs é de 07 (sete) dias úteis, após o recebimento do item pela CONTRATADA.

4.5.3. O prazo máximo de resposta da aprovação ou não do orçamento pela CONTRATANTE, através do Fiscal do Contrato, será de 7 (sete) dias úteis, a contar do recebimento do orçamento, nos termos do subitem 4.5.2 deste PB.

4.5.4. O prazo máximo de resposta para fornecimento de peças pela CONTRATANTE, quando autorizados pelo Fiscal, é de 15 (quinze) dias, a contar da notificação da CONTRATADA.

4.5.5. Para os serviços previstos no Objeto deste PB, o TAT máximo entre a CABE/CABW – Oficina Reparadora – CABE/CABW é de 90 (noventa) dias corridos de reparos, a contar da notificação recebida pela CONTRATADA da aprovação do orçamento pela CONTRATANTE.

4.5.6. Para execução de serviços em garantia, a CONTRATADA terá até 90

(noventa) dias corridos, quando o serviço for realizado no exterior, a contar da sua notificação.

4.5.7. Qualquer atraso ocorrido nos prazos acima citados deverá ser formalizado e justificado, por escrito, pela CONTRATADA, através do Fiscal do Contrato, com 5 (cinco) dias úteis de antecedência ao vencimento dos prazos.

4.5.8. Todas as diretivas técnicas mandatórias a serem incorporadas nos itens, componentes e acessórios, comporão o valor total do reparo para definição de BER e deverão ser comunicadas ao Fiscal do Contrato, para aprovação, com antecedência mínima de 10 (dez) dias úteis, por meio de comunicação formal, à previsão de sua aplicação.

4.5.9. Caso a peça a ser entregue na CABE/CABW esteja causando a condição de AOG, a empresa deverá realizar uma proposta de troca (Exchange) a CONTRATANTE, em conformidade com o item 9.3 deste Projeto Básico.

4.5.10. Os componentes serão entregues, após concluído os serviços, nos seguintes endereços seguir:

COMISSÃO AERONÁUTICA BRASILEIRA EM LONDRES - CABE 16 GREAT JAMES STREET - LONDRES - REINO UNIDO CEP: WC1N 3DP
COMISSÃO AERONÁUTICA BRASILEIRA EM WASHINGTON - CABW 1701 22ND STREET, N.W. - WASHINGTON, D.C. - EUA CEP: 20008

4.5.11. Em caso de AOG ou outro motivo superveniente, e a critério da CONTRATANTE, que esteja impactando uma missão de vulto ou planejamento de alguma missão próxima, a CONTRATANTE poderá solicitar a entrega do item que está causando o AOG em lugar diverso do item 4.5.10, com assunção dos custos de transporte pela CONTRATANTE, que será quitado como serviço adicional.

5 JUSTIFICATIVA DA CONTRATAÇÃO

5.1. A presente contratação visa à redução do tempo entre remessa e recebimento de recuperáveis (TAT), garantindo dessa forma o atendimento aos índices de disponibilidade estabelecidos pelo COMAER para os projetos especificados no objeto deste Projeto Básico. A otimização do fluxo de recuperáveis implica na economia de não se adquirir grandes quantidades de itens de alto valor para formação de estoque, implicando em uma considerável economia de recursos. A redução do tempo de retorno de componentes que venham a causar indisponibilidade garante o rápido regresso à condição de aeronavegabilidade dessas aeronaves, fortalecendo a capacidade do COMAER de combate e de atendimento às necessidades emergenciais da Nação Brasileira.

5.2. A disponibilidade permanente da execução dos serviços de "Overhaul" e Reparo em componentes recuperáveis dos projetos especificados no Objeto deste Projeto Básico, pertencentes à Força Aérea Brasileira tem como objetivo a recuperação dos itens cuja manutenção não é realizada pelas Oficinas Internas dos PAMAs, e que por falta de capacitação dos recursos humanos e materiais dessa Organização Militar, necessitam de ser reparados em empresas externas.

5.3. Tanto o PAMAS como o parque industrial brasileiro não possuem completa capacitação e qualificação para estes serviços, visto que os investimentos seriam extremamente elevados versos a demanda, que não compensariam tais investimentos.

5.4. A frota das aeronaves elencadas no Projeto Básico equivale ao total de 178 (cento e setenta e oito) aeronaves. Compreende aeronaves de instrução aérea para formação dos novos pilotos da FAB, bem como transporte de tropa e cumprimento de missões de Garantia da Lei e da Ordem (GLO). Logo, é essencial a manutenção da cadeia de suprimento logística ativa a fim de manter a instrução e a operacionalidade da FAB.

5.5. Optou-se por parcelamento do Objeto em sistemas/ATAs, a fim de explorar a máxima concorrência possível.

6 REGIME DE EXECUÇÃO

6.1. Os serviços objetos deste Projeto Básico deverão ser realizados por execução indireta, pelo regime de empreitada por preço unitário.

7 PRAZOS

7.1 Prazo de Vigência

O prazo de vigência para o cumprimento do Objeto deste Projeto Básico é de 42 (quarenta e dois meses), contados a partir da assinatura do contrato.

7.2 Prazo de Execução

O prazo de execução para o cumprimento do objeto deste Projeto Básico é de 34 (trinta e quatro meses), contados a partir da assinatura do contrato.

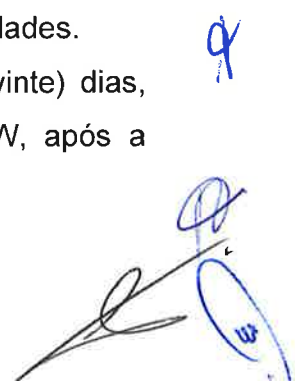
7.3 Prazo de Recebimento

Os serviços serão recebidos provisoriamente no prazo de 15 (quinze) dias, a contar da chegada dos componentes na CABE/CABW, pela COMREC na CABE/CABW, para efeito de posterior verificação de sua conformidade com as especificações constantes neste Projeto Básico e na proposta, devendo ser elaborado relatório circunstanciado, contendo o registro, a análise e a conclusão acerca das ocorrências na execução do contrato e demais documentos que julgarem necessários, devendo encaminhá-los ao fiscal do contrato.

Os serviços poderão ser rejeitados, no todo ou em parte, quando em desacordo com as especificações constantes neste Projeto Básico e na proposta, devendo ser corrigidos/refeitos/substituídos no prazo fixado pelo fiscal do contrato, às custas da Contratada, sem prejuízo da aplicação de penalidades.

Os serviços serão recebidos definitivamente no prazo de 20 (vinte) dias, contados do recebimento provisório, pela COMREC na CABE/CABW, após a

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verificação da qualidade e quantidade do serviço executado e materiais empregados, com a consequente aceitação mediante termo circunstanciado.

“Na hipótese de a verificação a que se refere o subitem anterior não ser procedida dentro do prazo fixado, reputar-se-á como realizada, consumando-se o recebimento definitivo no dia do esgotamento do prazo.”

7.4 Prazo de Pagamento

O prazo para pagamento das Notas Fiscais é de 30 (trinta) dias corridos, a contar da data da emissão do termo de recebimento definitivo pela COMREC.

8 LOCAL DA EXECUÇÃO DOS SERVIÇOS

Os serviços Objeto deste Projeto Básico serão realizados nas dependências da CONTRATADA ou Oficinas Certificadas pela FAA, ANAC, EASA ou SIMILAR reconhecida pela Autoridade Aeronáutica Competente.

9 ESTIMATIVAS DE CUSTOS PARA OS PREÇOS DE REFERÊNCIA E APRESENTAÇÃO DAS PROPOSTAS

9.1 Procedimentos gerais

A contratação por ATA corresponde à necessidade de parcelar o Objeto ao máximo, segundo prevê o TCU:

“(…) 9.2.11. Não há conflito entre os parágrafos 1º e 5º do art. 23 da Lei nº 8.666/93, que devem ser interpretados em conjunto: o parágrafo 1º trata o parcelamento como regra a ser observada, sendo prestigiado quando são feitas várias licitações, ou então uma única adjudicando-se por grupos ou lotes; já o parágrafo 5º trata especificamente da modalidade licitatória a ser adotada em cada uma das parcelas em que o objeto vier a ser dividido em mais de uma licitação”; (...) (TCU, Proc. n. 028.256/2013-1, Solicitação do Congresso Nacional

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(SCN), Acórdão n. 1.540/2014, Plenário, j. 11/06/2014, Rel. Min. Walton Alencar Rodrigues).

Como ser observado adiante, escolheu-se uma única licitação, adjudicando-se por grupos ou lotes, tendo em vista que as aeronaves possuem alta complexidade na sua fabricação, com itens e subitens na sua composição.

A gestão logística por lote permite que a Administração diminua consideravelmente o risco de inexecuibilidade e inexecução do próprio contrato, com impacto na disponibilidade das aeronaves, visto que a oficina reparadora de determinado lote possui toda a gestão administrativa da cadeia de suprimentos, que envolve a aquisição de insumos para o próprio reparo do item.

Assim, a divisão por lotes se torna opção, dentro do princípio da eficiência e da razoabilidade, o mais vantajoso para a Administração e para o interesse público.

9.1.1. Para a realização da pesquisa de preços, foi observada a IN SLTI/MPOG 5/2014, alterada pela Instrução Normativa n° 3, de 20 de abril de 2017, que dispõe sobre o procedimento administrativo para a realização de pesquisa de preços para a aquisição de bens e contratação de serviços em geral, *in verbis*:

"Art. 2º A pesquisa de preços será realizada mediante a utilização dos seguintes parâmetros:
[...]
"III - pesquisa publicada em mídia especializada, sítios eletrônicos especializados ou de domínio amplo, desde que contenha a data e hora de acesso; ou
IV- pesquisa com os fornecedores, desde que as datas das pesquisas não se diferenciem em mais de 180 (cento e oitenta) dias ..."
[...]
§2º Serão utilizadas, como metodologia para obtenção do preço de referência para a contratação, a média, a mediana ou o menor dos valores obtidos na pesquisa de preços, desde que o cálculo incida sobre um conjunto de três ou mais preços, oriundos de um ou mais dos parâmetros adotados neste artigo, desconsiderados os valores inexequíveis e os excessivamente elevados.
[...]

§3º Poderão ser utilizados outros critérios ou metodologias, desde que devidamente justificados pela autoridade competente.”
[...]

9.1.2. Sendo assim, e em atendimento aos enquadramentos citados logo acima, foi realizada a pesquisa de preços (Anexo A) dos valores de aquisição dos itens a serem reparados no histórico do SILOMS, com os dados de implantação dos itens no referido sistema e o valor da última aquisição efetuada pela FAB (quando ocorrida), e no catálogo *Federal Logistics Information Service* (FLIS) da *Defense Logistics Agency* (DLA), que é um sistema online de busca para vários segmentos públicos da Base de Dados Logísticos Federal dos Estados Unidos. Tal metodologia foi utilizada devido às dificuldades de se obter preço dos itens, uma vez que constituem peças de aeronaves da FAB com mais de 30 anos de vida ativa, e com cadeia de suprimento não ativa, em grande parte.

9.1.3. Como parâmetro para o preço de referência e conseqüente balizador máximo para o tipo de serviço a ser realizado, a média dos preços obtidos, conforme a metodologia citada no subitem anterior equivale ao preço dos itens no mercado para a venda. Logo, o preço de reparo desses itens deverá ser necessariamente, menor do que o preço de compra do item no mercado. Assim, para efeito de execução de serviço deste Projeto Básico, a Administração separou os serviços em “Overhaul” e Reparo.

A diferença entre os dois serviços é o grau de intervenção a ser executado. Serviços de “Overhaul” exigem maior concentração de material e mão de obra, ao passo que serviços de reparo exigem menos quantidades de material e mão de obra.

A estimativa do valor da frequência dos tipos de serviços foi tomada por base do histórico de reparos dos itens no SILOMS. O resultado da pesquisa apontou para a ocorrência de 30% dos reparos tipo Overhaul, 50% do tipo Reparo, 15% do tipo Pequeno reparo, estando a ocorrência de NFF restrita à 5% das ocorrências.

Para os serviços de "Overhaul", será considerado como valor máximo de referência 70% do valor médio de aquisição do item novo, conforme a ICA 66-13 do COMAER.

Para serviços de reparo, de menor vulto, será considerado como valor máximo de referência 40% do valor médio de aquisição do item novo.

Para serviços de pequeno reparo, de menor vulto, será considerado como valor máximo de referência 20% do valor médio de aquisição do item novo.

Para os itens que apresentem NFF, será considerado como valor máximo de referência 5% do valor médio de aquisição do item novo.

As porcentagens acima visam estabelecer um teto máximo para garantia da exequibilidade do serviço, bem como para colocar um teto máximo para a própria Administração, visando determinar o limite em que é mais vantajoso realizar determinado serviço ou adquirir um item novo.

9.1.4. A quantidade de reparos presente nos Anexos A e C é apenas uma estimativa/expectativa de reparos a serem possivelmente realizados com base no histórico de reparos realizados em cada Projeto Aeronáutico. NÃO GERA, PORTANTO, OBRIGAÇÃO PARA A CONTRATANTE A REALIZAÇÃO DA QUANTIDADE DE REPAROS PREVISTOS NOS ANEXOS A e C, OU SEJA, A QUANTIDADE DE REPAROS PODERÁ SER MENOR OU MAIOR, DEPENDENDO DA OPERAÇÃO/DEMANDA DAS AERONAVES.

9.1.5. Alguns valores pesquisados historicamente no SILOMS estão muito abaixo do valor atual de mercado. Logo estes valores foram excluídos da media para o calculo do orçamento, conforme a IN SLTI/MPOG 5/2014, alterada pela Instrução Normativa n° 3, de 20 de abril de 2017.

9.2 Custos para os serviços elencados no Objeto deste PB

9.2.1. Na quantidade de H/H constante dos orçamentos já deverão estar inclusos os seguintes custos de mão de obra: aplicação de diretivas técnicas, execução de

serviços de desmontagem, montagem, limpeza, revisão, recuperação, reparos estruturais e de peças, calibração, medição, ensaio em bancada ou bancos de provas, de testes, de tratamentos anti-corrosivos, químicos, térmicos ou mecânicos, análise laboratorial, banhos galvanoplásticos, revisão de pintura, pintura geral, intervenção, modificação ou elaboração de projetos de engenharia, de atualização do livro de registro de componentes ou de históricos de serviços de componentes e acessórios, elaboração e emissão de laudos técnicos, de preservação, embalagem, armazenagem, transporte e de desembaraço alfandegário, bem como todos os demais serviços, ora não mencionados, mas que serão necessários à execução, conclusão e entrega dos serviços em questão.

9.2.2- Material:

9.2.2.1- Nos custos finais de material constantes dos orçamentos já deverão estar inclusos os seguintes valores: aquisição de material, de matéria-prima e dos materiais aplicáveis às diretivas técnicas, bem como todos os demais insumos, ora não mencionados, mas que serão necessários à execução, conclusão e entrega dos serviços em questão.

No valor final do material, também já deverão estar inclusas todas as taxas, sobretaxas e impostos, além dos seguintes custos: aquisição de ferramentas, de bancadas, de equipamentos de apoio, de publicações técnicas, de produtos para selagem, de lubrificação e limpeza, de pintura e combustíveis.

9.3 Critérios para aprovação de Orçamentos para efeito de EXCHANGE

9.3.1. Na EXCHANGE de componentes recuperáveis, do conjunto maior, a CONTRATADA deverá utilizar a Lista de Preços do Catálogo do Mercado (Price List do fabricante), ou na ausência desta, qualquer lista do mercado de aviação, desde que aceita pela CONTRATANTE, e poderá adicionar uma taxa de no máximo 1% (um por cento) aos valores constantes da referida Lista de Preços, a título de TAXA PRORATA (P), devendo apresentar a Lista de Preços ao Fiscal do

CONTRATO para prévia autorização. Não há necessidade de receber o equipamento novo em "Exchange";

9.3.2. Caso a CONTRATANTE opte por EXCHANGE um equipamento em garantia, não será aplicada a TAXA PRORATA;

9.3.3. O valor a ser pago pelas partes será calculado, proporcionalmente, em função da disponibilidade de horas/meses/ciclos do seu equipamento, conforme itens abaixo;

9.3.4. Quando também houver componentes instalados nesses equipamentos que tenham vencimento de vida ou controle de TBO, para cada componente, deverá ser calculada a sua disponibilidade e da mesma forma haverá incidência de TAXA PRORATA e pagamento proporcional à disponibilidade de horas/meses/ciclos do componente;

9.3.5. Caso a CONTRATANTE opte por fornecer os componentes com vencimento de vida, não haverá incidência de custos adicionais; e

9.3.6. Para calcular descontos sobre os valores de uma peça, sub item do conjunto a ser trocado, em função de disponibilidade de horas, será utilizada a fórmula abaixo:

a) Caso a peça possua TLV:

$$VCP = \frac{VFT [(TLV \times P) + (100 \times TSN)]}{100 \times TLV}$$

VCP= valor do desconto calculado de uma peça.

VFT= valor fixado para a peça, constante da lista de preços do fabricante.

P= TAXA PRORATA a ser cobrada (número absoluto, ou seja, 1% = 1).

TLV= número de horas/meses/ciclos estabelecidos para remoção do componente devido à limitação de operação do mesmo.

TSN= número de horas/meses/ciclos utilizadas pelo equipamento desde novo.

b) Caso a peça possua TBO:

$$VCP = \frac{VFT[(TBO \times P) + (100 \times TSO)]}{100 \times TBO}$$

- VCP= valor do desconto calculado de uma peça.
- VFT= valor fixado para a peça, constante da lista de preços do fabricante.
- P= TAXA PRORATA a ser cobrada (número absoluto, ou seja, 1% = 1).
- TBO= número de horas/meses/ciclos estabelecidos para a revisão geral do equipamento.
- TSO= número de horas/meses/ciclos utilizadas pelo equipamento desde a última revisão geral.

9.3.7. Para calcular o valor final de um componente ou acessório deveremos fazer os seguintes cálculos:

a) Caso o item possua TLV deverá ser calculado o Desconto pela utilização do item, segundo a seguinte fórmula:

$$Desc (TLV) = VFTM \times \frac{(TLV - TSN)}{TLV}$$

- Desc (TLV)= valor calculado para o desconto por utilização do item que possui TLV.
- VFTM= valor fixado para o item, constante da lista de preços do fabricante.

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TLV= número de horas/meses/ciclos estabelecidos para remoção do componente devido à limitação de operação do mesmo.

TSN= número de horas/meses/ciclos utilizadas pelo equipamento desde novo.

Obs.: caso o item não possua TLV, logo o Desc (TLV)= 0 (zero).

b) Caso o item possua TBO deverá ser calculado o Desconto pela utilização do item após revisão geral, segundo a seguinte fórmula:

$$\text{Desc (TBO)} = 70\% \times \text{VFTM} \times \frac{\text{TBO} - \text{TSO}}{\text{TBO}}$$

Desc (TBO)= valor calculado para o desconto por utilização do item que possui TBO.

VFTM= valor fixado para o item, constante da lista de preços do fabricante.

TBO= número de horas/meses/ciclos estabelecidos para a revisão geral do equipamento.

TSO= número de horas/meses/ciclos utilizadas pelo equipamento desde a última revisão geral.

Obs.: caso o item não possua TBO, logo o Desc(TBO)= 0 (zero).

c) Com os valores calculados nos itens anteriores, deverá ser subtraído do valor do Componente os descontos por TLV e TBO, e os descontos relativos à utilização das peças:

$$\text{VCTM} = \text{VFTM} \times [(100 + P) / 100] - \text{Desc (TLV)} - \text{Desc (TBO)} - (\text{VCP}_1 + \text{VCP}_2 + \dots + \text{VCP}_n)$$

VCTM= valor calculado total.

VFTM= valor fixado para o item, constante da lista de preços do fabricante.

P= TAXA PRORATA a ser cobrada (número absoluto, ou seja, 1% = 1).

Desc(TLV)= valor calculado para o desconto por utilização do item que possui TLV.

Desc(TBO)=valor calculado para o desconto por utilização do item que possui TBO.

VCP_n= valor do desconto calculado de cada uma das enésimas (n) peças ou componentes instalados com vencimento de TBO ou TLV.

9.3.8. Para calcular o valor final de um equipamento completo sem ser novo, e não de peças de insumo como descritos nos itens acima, o cálculo para "Exchange" para um item será de, no máximo, 70% do valor do Price List, sendo que haverá transferência de propriedade do componente que seria reparado para a CONTRATADA e o recebido em "Exchange" para a propriedade da CONTRATANTE. A CONTRATADA deverá apresentar orçamento levando em conta o item a ser ofertado pela CONTRATANTE para o EXCHANGE, que deverá ser aprovado pela CONTRATANTE.

9.4 Caso de Não Aprovação do Orçamento

9.4.1. No caso de não aprovação pela Fiscalização do CONTRATO do orçamento elaborado pela CONTRATADA para a CONTRATANTE, a CONTRATADA deverá retornar o item recuperável a CABE/CABW, segundo o disposto no INCONTERMS previsto no Item 15;

9.4.2. Neste caso, a CONTRATADA poderá solicitar que a CONTRATANTE realize o pagamento dos custos relativos ao transporte e à elaboração do

orçamento, sendo de responsabilidade da CONTRATADA apresentar comprovação dos gastos por ela estimados; e

9.4.3. É estipulado neste PB, que o valor máximo a ser pago pela CONTRATANTE à CONTRATADA em caso de não aprovação do orçamento elaborado será de 10% do valor apresentado neste mesmo orçamento. Deve a CONTRATADA apresentar orçamento final nos termos do subitem 9.4.2, a ser aceito pela CONTRATANTE.

10 Apresentação de Proposta e Critérios de Julgamento

10.1. As empresas participantes da licitação deverão apresentar a sua proposta de acordo com a planilha constante do Anexo C.

10.2. A(s) futura(s) CONTRATADA(S) será(ão) escolhidas de acordo com o critério de menor preço global para cada ata do sistema de recuperáveis (ATAS).

10.2.1. Dessa forma, poderão ser vencedoras da licitação empresas diferentes para cada ATA de recuperáveis. O Anexos A e C representam a quantidade de reparos estimados.

10.2.1.1. Como explicado acima, as porcentagens utilizadas para as estimativas dos custos de mão de obra e de material para cada caso de reparação dos reparáveis presentes nos Anexos B e C foram estabelecidos de acordo com a ICA 66-13, item 3.4.7 e item 3.4.8. e pela experiência da FAB nestes tipos de serviço, e de que qualquer componente deverá ter seu valor de "Overhaul" de no máximo 70% do custo do item no mercado, de no máximo 40% para serviço de reparo, de no máximo 20% para serviço de pequeno reparo, sendo serviços com o custo acima desta porcentagem considerados antieconômicos, e 5% para os NFF, e outros custos decorrentes de transporte e AOG, seguindo o estabelecido no Art. 40, X, da Lei 8.666/93 e colocando uma referência de preço a fim de se poder estabelecer um parâmetro que o art. 48 da Lei 8.666/93 estipula para exequibilidade do serviço.

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10.2.2. Acima de 70% do valor da peça nova, a peça será considerada rejeitada, podendo ser realizado o "Exchange", devendo o orçamento ser discutido caso a caso e em comum acordo entre a CONTRATANTE e a CONTRATADA. Somente em casos excepcionais, como por exemplo, a obsolescência da peça, a CONTRATANTE autorizará o serviço acima de 70% do valor do item de mercado, a ser formalizada por escrito.

10.2.3. Os licitantes concorrerão entre si apresentando a proposta, preenchendo cada valor de proposta para "Overhaul", Reparo, Pequeno Reparo e NFF e NFF, considerando as porcentagens definidas acima e com o princípio de Flat Rate. Deverão preencher as planilhas do Anexo C e terá um vencedor para cada planilha/Sistema/ATA, proporcionando assim o máximo de concorrência possível.

10.2.4. Itens enviados a reparo e declarados pela CONTRATADA como "No Fault Found" (NFF), não serão pagos pela CONTRATANTE se a quantidade de NFF, por ano, for inferior a 10% da quantidade de itens, também por ano, enviados à CONTRATADA, a contar da assinatura do contrato. Sempre que esta quantidade supere 10% por ano, os custos dos itens excedentes derivados dos casos de NFF serão suportados pela CONTRATANTE como serviços adicionais.

10.2.5. As peças que compõem cada ata de reparáveis encontram-se no Anexo C e representam os que tiveram uma frequência de reparo dentro de um período de cinco anos.

10.2.6. Caso haja algum componente não relacionado nos anexos, mas que faz parte do manual da aeronave, o serviço será realizado pelo flat rate colhido da média de preços da respectiva Sistema/ATA que o componente faz parte.

10.2.7. Não há restrições relativas à participação de uma empresa em mais de uma ata especificada, desde que ela atenda os requisitos deste PB.

10.2.8. Para fins de licitação, a lista dos anexos (cada ata) compreende as peças reparáveis que sofreram reparo. A fonte de pesquisa contém o levantamento realizado no SILOMS.

10.3. O preço global de cada ata será calculado pelo somatório do Preço Total para serviços relacionados ao item 9 de cada peça da ata, tendo como referência

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o Flat Rate estipulado pela Administração. O Preço Total será calculado pelo preço do serviço de cada peça da ata (apresentada pela empresa participante) multiplicado pela quantidade estimada de itens a serem revisados durante os 42 meses (Anexo C):

$$PG(i) = \sum PTRG (i) = \sum [PRGR(i) \times QTD(i)]$$

PG(i) = Preço global da ata.

PTRG(i) = Preço total para os serviços elencados no Objeto deste

PB

PRG (i) = Preço da Revisão Geral e Reparo de cada item da ata.

QTD(i) = Quantidade a ser revisada nos 5 anos de cada item da ata.

11 GARANTIA TÉCNICA

11.1 Descrição das Condições

11.1.1. Todos os componentes recuperáveis que estiverem em trânsito, armazenados ou em execução de Serviço pela CONTRATADA, deverão estar cobertos por seguro, que garanta os seus ressarcimentos à CONTRATANTE ao preço de mercado.

11.1.2. Em caso de defeito no componente recuperável, no prazo de garantia, a CONTRATADA deverá realizar o transporte do mesmo, desde o Armazém dos PAMAs até a sua OFICINA, sem ônus à CONTRATANTE. Esse transporte deverá ser efetuado em até 3 (três) dias úteis, após a CONTRATADA receber o comunicado do Fiscal do Contrato, sobre a disponibilidade do componente recuperável.

11.1.3. A partir do recebimento do material na sua OFICINA, a CONTRATADA deverá iniciar os trabalhos nos componentes reparáveis, tidos sob garantia, em até 5 (cinco) dias úteis.

11.1.4. Confirmada a situação de garantia, a CONTRATADA deverá concluir os serviços em até 40 (quarenta) dias úteis, contados a partir do recebimento do material em sua OFICINA. A CONTRATADA deverá comunicar ao Fiscal do Contrato caso o prazo seja extrapolado.

11.1.5. A CONTRATADA fornecerá garantia técnica dos reparos ou serviços executados ou qualquer outro material entregue à CONTRATANTE que apresente defeito, devendo, também, a CONTRATADA realizar quaisquer reparos adicionais, utilizando sua própria força de trabalho, sem ônus para a CONTRATANTE.

11.1.6. Para os Serviços realizados, a empresa deve emitir um Certificado (CoC) garantindo que todos os procedimentos realizados estão conforme prescrito no Manual do Fabricante dos componentes reparáveis.

11.1.7. Os componentes incorporados na aeronave que sofreram serviços pela CONTRATADA, devem possuir garantia de doze meses ou 600 (seiscentas) horas de voo ou 600 (seiscentos) ciclos, o que ocorrer primeiro, todos os prazos a contar da primeira utilização do item na aeronave.

12 CONDIÇÕES DE RECEBIMENTO

12.1. Os serviços objetos deste Projeto Básico deverão ser recebidos pela COMREC, de acordo com a ICA 65-8 e as Ordens Técnicas emitidas pelo fabricante dos componentes recuperáveis;

12.2. Os seguintes documentos deverão acompanhar os materiais, após a conclusão dos serviços, além de outro específicos para cada caso:

12.2.1. Nota Fiscal;

12.2.2. O histórico de serviços de componentes e acessórios do material, devidamente atualizado, listando os serviços executados e os Boletins de Serviços incorporados;

12.2.3. O "LogCard" do material, devidamente atualizado, listando os serviços executados e os Boletins de Serviços ou Diretivas Técnicas incorporadas;

12.2.4. O Relatório Técnico descrevendo o levantamento dos problemas, quando houver, e as suas soluções;

12.2.5. A relação dos componentes substituídos (PN, nomenclatura, quantidade);

12.2.6. O formulário SEGVOO 003 devidamente preenchido, acompanhado das fichas de ensaios em mapas de desempenho; e

12.2.7. O certificado de garantia dos componentes instalados e do material cujo serviço fora executado.

12.3. Cabe a COMREC:

- a) Observar e executar, quando aplicáveis, todos os procedimentos previstos nas ICA 65-8 e ICA 66-13;
- b) Efetuar o recebimento e a conferência das NFe, se aprovadas, encaminhá-las à Seção de Provisões do PAMAS, acompanhadas de Termo de Recebimento Definitivo, para as devida providências de liquidação. Caso haja discordâncias, devolvê-las à empresa para as devidas correções, acompanhadas de uma carta esclarecendo os motivos da devolução; e
- c) Observar que todas as NF deverão ser de serviços, onde deverão estar destacados os valores dos H/H, da quantidade de H/H empregada, e do valor dos materiais aplicados. Todos os documentos comprobatórios de materiais aplicados deverão estar anexos à NF, para serem convalidados pela COMREC.

12.4. Em qualquer tempo, durante a execução do CONTRATO, a CONTRATADA ou a sua OFICINA estará sujeita a auditoria da CONTRATANTE, com a finalidade de verificação da execução do serviço, da capacitação técnica da CONTRATADA e quaisquer outros assuntos técnicos e administrativos referente à execução dos

serviços objetos deste Projeto Básico.

13 QUALIFICAÇÃO TÉCNICA EXIGÍVEL DA EMPRESA

13.1. Em face à complexidade dos serviços objeto deste Projeto Básico, para as suas execuções deverá ser exigido da CONTRATADA a necessária qualificação técnica, que compreenderá a apresentação das comprovações abaixo relacionadas:

- a) Comprovar que seu Objeto Social condiz com a finalidade do objeto desta licitação;
- b) Comprovação de pertencer ao ramo dos serviços a serem prestados mediante apresentação de certificação da autoridade federal aeroespacial ou militar competente ou comercial competente, incluindo-se FAA (*Federal Aviation Administration*), ANAC (Agência Nacional de Aviação Civil), DIRMAB (Diretoria de Material Aeronáutico e Bélico), ou outra equivalente, qualificando-a para os serviços elencados no Objeto deste PB.
- c) Declaração de possuir os equipamentos, bancadas de teste e medição calibradas, ferramentas de uso comum e especial, conforme indicadas nos manuais dos fabricantes, na quantidade e com a qualidade requerida à realização dos serviços descritos neste Projeto Básico;
- d) Declaração de possuir os manuais de revisão geral e demais necessários para os serviços elencados no Objeto deste PB e catálogos de peças, necessários à execução dos serviços descritos neste Projeto Básico, atualizados de acordo como último índice emitido pelos fabricantes dos componentes, além de possuir contrato de atualização de tais manuais, firmado com os fabricantes ou com empresas por eles autorizadas;
- e) Declaração de possuir em seu quadro, Responsável(is) Técnico(s) pela Qualidade dos Serviços;

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- f) Declaração de possuir pessoal técnico capacitado para a realização dos serviços descritos neste Projeto Básico;
- g) Declaração de que o(s) profissional(is) indicado(s) deverão participar da execução dos serviços objeto deste Projeto Básico, mediante documento declaratório neste sentido;
- h) Declaração de que qualquer eventual substituição dos profissionais indicados, somente será efetuada por outros de experiência equivalente ou superior, desde que aprovada previamente pela FISCALIZAÇÃO, mediante documento declaratório da CONTRATADA;
- i) A certificação pelo RBHA 145, da ANAC, ou similar no exterior é considerada equivalente à certificação de que trata a presente Instrução, desde que inclua todos os serviços pretendidos pela organização fornecedora (§ 5.2, ICA 65-36/2008). Essa equivalência também é válida para certificados relativos à prestação de serviços de Manutenção, emitidos por Organizações Certificadoras Governamentais reconhecidas pela ANAC (§ 5.2.1, ICA 65-36/2008) e similares no exterior;
- j) Apresentar, e manter durante todo o período de vigência do Contrato, um Certificado de Organização Fornecedora, conforme ICA 65-36, que habilite a executar todos os níveis de Manutenção Aeronáutica nos componentes reparáveis;
- k) A apresentação da metodologia que irá aplicar na execução do serviço, mediante a qual ela possa ser avaliada e aceita, segundo os critérios objetivos previamente estabelecidos pelo setor responsável pela elaboração do Projeto Básico;
- l) O CHT e CHE deverão ser apresentados nos moldes exigidos pela ANAC RBHA 145 ou similar em outro governo; e
- m) Apresentar documentação comprobatória de ser associado/signatário que comprovem está vinculado o que dispõem a FAA-AC-56 ou igual de regulação de outro governo para os serviços descritos no objeto deste PB para os componentes reparáveis.

13.2. Subcontratação:

13.2.1- Não será permitida subcontratação superior a 50% por parte da(s) CONTRATADA(S) na realização dos serviços, objeto deste Projeto Básico.

14 FISCALIZAÇÃO

14.1. A fiscalização administrativa do CONTRATO deverá ser exercida pelo Fiscal do Contrato, nos termos previstos na ICA 65-8 e na ICA 12-23.

14.2. Cabe ao Fiscal do Contrato:

- a) Observar e executar, quando aplicáveis, todos os procedimentos previstos nas ICA 65-8 e ICA 66-13;
- b) Acompanhar o delineamento de todos os serviços objetos do presente Projeto Básico;
- c) Controlar, de forma sistêmica e acessível, todos os prazos de garantia dos serviços executados pela CONTRATADA;
- d) Receber os orçamentos, confrontá-los com o delineamento, certificá-los e encaminhá-los para avaliação do Chefe da TCTR do PAMAS e Chefe da TTEC, para finalmente ser aprovado pelo Ordenador de Despesas;
- e) Submeter à avaliação da TTEC do PAMAS, através de Fac-símile ou Ofício, todas as diretivas técnicas a serem incorporadas nos motores, componentes e/ou acessórios, para finalmente ser aprovado pelo Ordenador de Despesas. Interceder para estas avaliações não excedam a 7 (sete) dias úteis;
- f) Submeter à avaliação da TTEC do PAMAS, todas as propostas, questionamentos, divergências e dificuldades encontradas durante a execução do contrato ou que requeiram a provação, avaliação e/ou decisão, para finalmente ser aprovado pelo Ordenador de Despesas;

- g) Observar que todas as NF deverão ser de serviços, onde deverão estar destacados os valores dos H/H, da quantidade de H/H empregada, e do valor dos materiais aplicados. Todos os documentos comprobatórios de materiais aplicados deverão estar anexos à NF, para serem convalidados pela COMREC; e
- h) Emitir, até o quinto dia útil do mês subsequente, o Relatório de Situação de Instrumento Contratual, de acordo com a ICA 65-8, encaminhando uma via ACI do PAMAS e, mantendo outra arquivada com a COMREC.

14.3. A CONTRATADA deverá designar um Gerente de Programa, para gerenciamento global das atividades, acompanhamento do contrato e representação junto ao COMAER/FISCALIZAÇÃO.

15 OBRIGAÇÕES GERAIS

15.1 Da CONTRATANTE

15.1.1. Toda comunicação com a CONTRATADA acerca do objeto deste PB deverá ser formal e escrita e por meio do Fiscal do Contrato.

15.2 Da CONTRATADA

15.2.1. Todos os serviços executados pela empresa CONTRATADA, inclusive os subcontratados, estarão sob a responsabilidade da CONTRATADA e deverão ser executados de acordo com o CONTRATO;

15.2.2. Quaisquer tipos de danos ou prejuízo diretos ou indiretos, causados à CONTRATANTE ou a terceiros, advindos da execução do CONTRATO, estarão sob a responsabilidade da CONTRATADA;

15.2.3. A CONTRATADA deverá prestar todas as informações e fornecer todos os dados relativos à execução do CONTRATO ou sobre os serviços prestados, em 02 (dois) dias úteis, por escrito, quando solicitados pela Fiscalização;

15.2.4. A CONTRATADA não poderá fornecer ou repassar a terceiros quaisquer informações ou dados sobre a execução do CONTRATO ou sobre os componentes pertencentes à CONTRATANTE;

15.2.5. A CONTRATADA não poderá executar nenhum serviço sem antes haver emitido orçamento prévio e ter sido autorizado formalmente pela Fiscalização a executá-lo;

15.2.6. A CONTRATADA só deverá tratar sobre a execução do CONTRATO com o Fiscal do Contrato, a menos que receba alguma autorização, por escrito, para isto, emitida pelo ORDENADOR DE DESPESAS da CONTRATANTE;

15.2.7. A CONTRATADA deverá cumprir todos os prazos previstos no CONTRATO;

15.2.8. A armazenagem, a preservação, a embalagem, a guarda e a segurança dos materiais estocados no suprimento da CONTRATADA, sejam os fornecidos pela CONTRATADA ou pela CONTRATANTE, serão de responsabilidade exclusiva da CONTRATADA, sendo que os seus controles deverão ser disponibilizados a CONTRATANTE, por intermédio do Fiscal do Contrato;

15.2.9. Todo transporte, para entrega e recebimento dos componentes recuperáveis objetos deste Projeto Básico, será efetuado pela CONTRATADA e estará de acordo com INCOTERM 2010, na modalidade DAP.

15.2.10. Todos os custos correrão por conta da CONTRATADA quando for entregue uma peça classificada como Não Adequado para o Uso, devendo a CONTRATADA realizar o "Exchange" de imediato a fim de não comprometer a disponibilidade do projeto, nos termos do subitem 9.3 deste PB.

15.2.11. A CONTRATADA deverá providenciar todo o trâmite burocrático, no país onde serão realizados os serviços constantes neste Projeto Básico, necessários à emissão do certificado/ou liberação do END-USER, cabendo à CONTRATANTE apenas fornecer informações necessárias à homologação final do END-USER.

16 MÉTRICAS DE DESEMPENHO

16.1. Para fins de controle de métricas, a contagem de tempo de atendimento iniciar-se-á quando da entrega dos BENS pela CONTRATANTE à CONTRATADA, na CABE/CABW, conforme GMM (Guia de Movimentação de Material), e encerrar-se-á na chegada das peças nas dependências das CABE/CABW, ou outro local indicado no pedido, mediante comprovação documental.

16.2. O término da contagem do tempo de entrega dos BENS à CONTRATANTE deverá ser comprovado formalmente, através da GMM devidamente recebida pelo destinatário ou mediante outro documento a ser acordado entre as PARTES.

16.3. Turn Around Time (TAT):

16.3.1. O TAT deverá ser iniciado a partir do momento do recebimento do COMPONENTE REPARÁVEL pela CONTRATADA na CABE/CABW, até o momento em que as peças forem entregues na CABE/CABW, após a realização dos serviços descritos no objeto deste PB.

16.3.2. A métrica para o TAT dos materiais enviados deverá ser monitorada mensalmente, e avaliadas semestralmente, conforme média e performance abaixo descrita:

- a) 90 (noventa) dias para revisão, para os materiais revisados/reparados;
- b) Caso a CONTRATADA extrapole, para determinado material, o TAT e que a falta deste bem gere a condição de AOG, IPLR ou AIFP, a empresa deverá repor de imediato, via EXCHANGE, o BEM, sob pena de multa de performance de diária de 1% do valor do reparo.
- c) A contagem/métrica do TAT será individualizada por Bem reparável e a multa será aplicada individualmente.
- d) O cálculo do tempo de contagem do pedido (TCP) para bens de consumo obedecerá a seguinte fórmula:

TAT = (Data /Hora de entrega do material para Contratante (CABE/CABW) – (Data / Hora de recebimento do BEM pela Contratada para o transporte).

16.3.3 Caso ultrapasse o TAT estipulado no item acima e o TAT de garantia, a CONTRATADA deverá sofrer a seguinte penalização sobre a fatura a ser quitada pela CONTRATANTE:

ATRASSO	PENALIDADE
ATÉ 10 DIAS	3%
10-20 DIAS	5%
20-30 DIAS	10%
30 DIAS OU MAIS	20%

17 SERVIÇOS ADICIONAIS

17.1. Em casos de itens em "Exchange" com pagamento pela CONTRATANTE, a CONTRATADA deverá apresentar orçamento, nos termos do subitem 9.3 deste PB.

17.2. O valor estimado para os serviços adicionais será de 25 % do valor do Total de Reparos, constante do Anexo B, tendo em vista a recorrência em serviço aeronáutico de custos relacionados à NFF, Exchange de itens, AOG, danos causados pela CONTRATANTE e FOD.

17.3. O valor compreende US\$ 15.941.672,67 (Quinze milhões, novecentos e quarenta e um mil, seiscentos e setenta e dois dólares e sessenta e sete centavos) no período de 42 (quarenta e dois) meses.

17.4. O valor acima representa apenas uma expectativa, pois depende da ocorrência dos eventos relacionados no item 17.2 que são de natureza imprevisível. Por exemplo, a colisão com pássaros não possui um dado fico de frequência, apenas sabe-se que irá ocorrer, pois faz parte do risco da atividade aeronáutica.

18 DOTAÇÃO ORÇAMENTÁRIA E CRONOGRAMA FÍSICO-FINANCEIRO

18.1. O valor global total estimado a ser pago à CONTRATADA, por todos os serviços especificados neste Projeto Básico, além das taxas e impostos, será de

US\$ 79.708.363,35 (Setenta e nove milhões, setecentos e oito mil, trezentos e sessenta e três dólares e trinta e cinco centavos)

18.2. O programa de trabalho poderá ser alterado pela CONTRATANTE, unilateralmente, sem prévia aprovação da CONTRATADA, de acordo com as suas necessidades e a disponibilidade de recursos orçamentários.

18.3. O faturamento será efetuado por cada serviço prestado e aceito pela CONTRATANTE.

18.4. Os componentes recuperáveis serão liberados para execução de serviços pela CONTRATANTE, dentro de sua disponibilidade de recursos financeiros e necessidades, visando ao atendimento do cronograma físico-financeiro.

18.5. As despesas decorrentes deste Projeto Básico deverão ser custeadas de acordo com a seguinte classificação orçamentária: Programa 2058 – Defesa Nacional, Ação 2048 – Suprimento e Manutenção de Aeronaves, ou outra disponível, Natureza de Despesa 339039 - Outros Serviços de Terceiros Pessoa Jurídica.

18.6. Cronograma de Desembolso Anual:

18.6.1. O cronograma de desembolso anual dos recursos orçamentários fica estabelecido com base no orçamento estimado da contratação, como se segue:

CRONOGRAMA ESTIMADO DE DESEMBOLSO ANUAL	
EXERCÍCIO FINANCEIRO	DESEMBOLSO (US\$)
2018 – 2019 (6 meses)	13.284.727,23
2019 – 2020 (12 meses)	26.569.454,45
2020 – 2021 (12 meses)	26.569.454,45
2021 – 2022 (6 meses)	13.284.727,23
TOTAL	79.708.363,35

19 FORMA DE AQUISIÇÃO

19.1. A contratação do objeto desta instrução deverá ser realizada por meio de licitação a ser executada pela CABW, empregando o critério de adjudicação da proposta de menor preço global por ATA.

19.1.1 Historicamente, os serviços objeto deste PB são realizados por empresas no exterior, mediante requisições na CABE/CABW. A escolha da praça de licitação no exterior tem por fito aumentar a concorrência e, conseqüentemente, selecionar a proposta mais vantajosa para a Administração, além de reduzir custos de transportes e afins.

19.2. Os serviços contratados deverão ser executados sob demanda, em execução indireta, pelo regime de "empreitada por preço unitário", em razão da demanda dos diferentes módulos poderem ocorrer em quantidades e momentos distintos.

20 GARANTIA NA EXECUÇÃO

20.1. A CONTRATADA deverá prestar garantia de 5% (cinco por cento) do valor do contrato, conforme previsto no Art. 56. da Lei 8.666/93.

21 ALTERAÇÃO SUBJETIVA

21.1. É admissível a fusão, cisão ou incorporação da contratada com/em outra pessoa jurídica, desde que sejam observados pela nova pessoa jurídica todos os requisitos de habilitação exigidos na licitação original; sejam mantidas as demais cláusulas e condições do contrato; não haja prejuízo à execução do objeto pactuado e haja a anuência expressa da Administração à continuidade do contrato.

22 SUSTENTABILIDADE AMBIENTAL

22.1. A futura CONTRATADA deverá obedecer a todas as leis e normas locais que se destinem à proteção do meio ambiente, promovendo ações sustentáveis e minimizando os possíveis impactos ambientais decorrentes da execução do objeto deste Projeto Básico, desde o recebimento da peça até a sua devolução à CONTRATANTE.

22.2. A futura CONTRATADA será responsável pelo descarte dos materiais, observando a legislação ambiental.

22.3. Dentre as recomendações voltadas para a sustentabilidade ambiental, a futura CONTRATADA observará os critérios elencados na Instrução Normativa nº 1 (Critérios de Sustentabilidade Ambiental na Aquisição de Bens, Contratação de Serviços ou Obras pela Administração Pública Federal Direta, Autárquica e Fundacional), de 19 de janeiro de 2010 da Secretária de Logística e Tecnologia da Informação do Ministério do Planejamento, Orçamento e Gestão (SLTI/MPOG).

22.4. A CONTRATADA também fica obrigada a observar os níveis de ruídos dos seus equipamentos, que deverão respeitar, quando aplicável, os limites aceitáveis pela Norma NBR-10.151 - Avaliação do Ruído em Áreas Habitadas, da Associação Brasileira de Normas Técnicas - ABNT, ou aqueles estabelecidos na NBR-10.152 - Níveis de Ruído para Conforto Acústico, da ABNT, nos termos da Resolução CONAMA nº01, de 08/03/90, ou legislação correlata vigente no local da execução dos serviços.

22.5. A CONTRATADA também fica obrigada a observar os limites de emissão de poluentes atmosféricos, que deverão respeitar, quando aplicável, os limites aceitáveis pela Resolução CONAMA nº 436, de 22/12/2011, ou legislação correlata vigente no local da execução dos serviços.

22.5.1. Para tal, a CONTRATADA deverá priorizar a utilização de tecnologias adequadas que permitam atender às necessidades de redução de níveis de ruído.

22.6. Caso as atividades da CONTRATADA se enquadrem nas hipóteses do artigo 20 da Lei nº 12.305, de 2010 - Política Nacional de Resíduos Sólidos, a CONTRATADA deverá elaborar plano de gerenciamento de resíduos sólidos, sujeito à aprovação da autoridade competente.

22.7. Para a elaboração, implementação, operacionalização e monitoramento de todas as etapas do plano de gerenciamento de resíduos sólidos, nelas incluído o controle da disposição final ambientalmente adequada dos rejeitos, será designado responsável técnico devidamente habilitado.

22.8. São proibidas, à CONTRATADA, as seguintes formas de destinação ou disposição final de resíduos sólidos ou rejeitos:

- a) Lançamentos em praias, no mar ou em quaisquer corpos hídricos;
- b) Lançamento in natura a céu aberto, excetuados os resíduos de mineração;
- c) Queima a céu aberto ou em recipientes, instalações e equipamentos não licenciados para essa finalidade; e
- d) Outras formas vedadas pelo poder público.

23 SANÇÕES ADMINISTRATIVAS

23.1. Comete infração administrativa nos termos da Lei nº 8.666, de 1993 a Contratada que inexecutar total ou parcialmente qualquer das obrigações assumidas em decorrência da contratação; ensejar o retardamento da execução do objeto; fraudar na execução do contrato; comportar-se de modo inidôneo; cometer fraude fiscal; ou não mantiver a proposta;

23.2. A Contratada que cometer qualquer das infrações acima discriminadas ficará sujeita, sem prejuízo da responsabilidade civil e criminal, às seguintes sanções:

- a) Advertência por faltas leves, assim entendidas aquelas que não

acarretem prejuízos significativos para a Contratante;

b) A multa por atraso na execução dos serviços utilizará o método a seguir:

23.2.b.1. Atraso de até 30 (trinta) dias, multa de 0,2 % (dois décimos por cento) sobre o valor da obrigação, por dia corrido de atraso; e

23.2.b.2. Atraso entre o 31º (trigésimo primeiro) dia até 60º (sexagésimo) dia, multa de 0,4% (quatro décimos por cento) sobre o valor da obrigação, por dia corrido de atraso.

23.2.b.2.1. Em se tratando de inobservância do prazo fixado para apresentação da garantia (seja para reforço ou por ocasião de prorrogação), aplicar-se-á multa de 0,07% (sete centésimos por cento) do valor do contrato por dia de atraso, observado o máximo de 2% (dois por cento), de modo que o atraso superior a 25 (vinte e cinco) dias autorizará a Administração contratante a promover a rescisão do contrato;

23.2.b.3. As penalidades de multa decorrentes de fatos diversos serão consideradas independentes entre si.

c) A multa por inexecução total ou parcial do Objeto contratado terá o tratamento a seguir:

23.2.c.1. Em qualquer fase ou etapa estará a Contratada sujeita a multa correspondente à diferença de preço resultante da nova licitação realizada para complementação ou realização da obrigação não cumprida;

23.2.c.2. Será considerado como inexecução total do Contrato, atraso superior a 60 (sessenta) dias corridos;

23.2.c.3. Poderá ser aplicada multa de 10% (dez por cento) do valor do Contrato, quando a Contratada der causa à sua rescisão.

23.2.c.4. Em caso de inexecução parcial, a multa compensatória,

no mesmo percentual do subitem acima, será aplicada de forma proporcional à obrigação inadimplida;

d) Suspensão de licitar e impedimento de contratar com o órgão, entidade ou unidade administrativa pela qual a Administração Pública opera e atua concretamente, pelo prazo de até dois anos;

e) Declaração de inidoneidade para licitar ou contratar com a Administração Pública, enquanto perdurarem os motivos determinantes da punição ou até que seja promovida a reabilitação perante a própria autoridade que aplicou a penalidade, que será concedida sempre que a Contratada ressarcir a Contratante pelos prejuízos causados e após decorrido o prazo da penalidade de suspensão do subitem anterior;

23.3. A aplicação de multa não impede que a Administração rescinda unilateralmente o Contrato e aplique as outras sanções cabíveis.

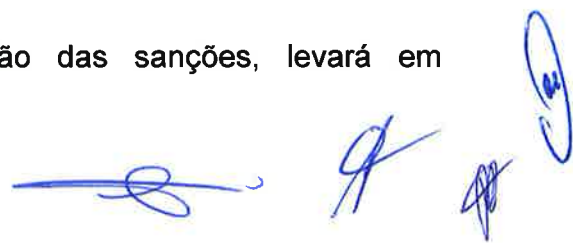
23.4. A recusa injustificada da Adjudicatária em assinar o Contrato, após devidamente convocada, dentro do prazo estabelecido pela Administração, equivale à inexecução total do contrato, sujeitando-a às penalidades acima estabelecidas.

23.5. Também fica sujeita às penalidades do art. 87, III e IV da Lei nº 8.666, de 1993, a Contratada que:

- a) Tenha sofrido condenação definitiva por praticar, por meio dolosos, fraude fiscal no recolhimento de quaisquer tributos;
- b) Tenha praticado atos ilícitos visando a frustrar os objetivos da licitação;
- c) Demonstre não possuir idoneidade para contratar com a Administração em virtude de atos ilícitos praticados.

23.6. A aplicação de qualquer das penalidades previstas realizar-se-á em processo administrativo que assegurará o contraditório e a ampla defesa observando-se o procedimento previsto na Lei nº 8.666, de 1993, e subsidiariamente na Lei nº 9.784, de 1999.

23.7. A autoridade competente, na aplicação das sanções, levará em



consideração a gravidade da conduta do infrator, o caráter educativo da pena, bem como o dano causado à Administração, observado o princípio da proporcionalidade.

23.8. As multas devidas e/ou prejuízos causados à Contratante serão deduzidos dos valores a serem pagos, ou recolhidos em favor da União, ou deduzidos da garantia, ou ainda, quando for o caso, serão inscritos na Dívida Ativa da União e cobrados judicialmente.

a) Caso a Contratante determine, a multa deverá ser recolhida no prazo máximo de 5 dias úteis, a contar da data do recebimento da comunicação enviada pela autoridade competente.

23.9. As sanções aqui previstas são independentes entre si, podendo ser aplicadas isoladas ou, no caso das multas, cumulativamente, sem prejuízo de outras medidas cabíveis

24 DISPOSIÇÕES GERAIS

24.1. A CONTRATADA deverá aceitar em aditar o Contrato para incluir componentes reparáveis, além do Anexo A, para serviços alocados no Objeto deste PB após a data de início de vigência, para melhor adequação técnica aos seus objetivos, com base nas especificações abaixo:

- a) Manuais Técnicos (Catálogo de Peças Ilustrado, Reparo Estrutural, das aeronaves contidas no objeto deste PB);
- b) Ordens Técnicas com informações gerais pertencentes à aeronave ou qualquer equipamento instalado;
- c) Diretivas Técnicas;
- d) Normas e Especificações do Fabricante;
- e) Desenhos Técnicos;
- f) Catálogos Federais de Suprimento (FEDLOG, WEBFLIS, IHS, etc.);
- g) Certificados da FAA ou similar para peças e materiais,
- h) Fabricantes autorizados listados nos Manuais Técnicos.

i) IPC das aeronaves.

24.2. A mesma situação do item 17.1 se aplica para os itens fornecidos como alternados e/ou superadores do item solicitado.

24.3. Todo Componente fornecido pela CONTRATADA deverá possuir dados históricos aplicáveis como, por exemplo, TSN, CSN, TSO e COC.

24.4. Todos os conjuntos maiores das aeronaves objetos deste PB estão inclusos no serviço deste PB.

24.5. A CONTRATADA deverá informar à CONTRATANTE onde pretende entregar os componentes reparáveis após os serviços, ou na CABW ou na CABE, para que a CONTRATANTE possa receber os itens nessas localidades.

24.6. Todos os custos envolvidos, com exceção dos NFF e Exchange, estão embutidos nos serviços previstos no Objeto deste Projeto Básico na modalidade Flat Rate.

24.7. A CONTRATADA deverá apresentar a respectiva planilha de quantitativos e custos (breakdown), demonstrando de que maneira e a que custos serão atendidos os serviços para a execução deste Projeto Básico, detalhando, em separado, os custos diretos e indiretos por parte da Proponente.

24.8. A CONTRATADA deverá apresentar os valores de referência para toda a mão de obra envolvida nos serviços deste Projeto Básico. Tais previsões deverão ser justificadas por meio de planilha de formação de custos.

24.9. A CONTRATADA deverá apresentar a memória de cálculo que será aplicada aos materiais.

ANEXOS

Anexo A – Lista de Itens Reparáveis e Pesquisa de Preços;

Anexo B – Preços de Referência por ATA; e

Anexo C – ATAS dos Sistemas de Reparáveis.

São Paulo, 09 de maio de 2018.

ELABORADO POR:

RODRIGO LAMFRE COLMENERO – TEN CEL ENG
Chefe da FCGP

LEANDRO NÓBREGA LARA TEN CEL
Chefe da FCGC-2

CONFERIDO POR:

Brig Ar LUIZ AMEDEO IOZZI DA SILVA
Subdiretor da SDFC

APROVADO POR:

Maj Brig Ar ANTONIO RICARDO PINHEIRO VIEIRA
Diretor da DIRMAB

ANEXO A - Pesquisa de Mercado

Item	Projeto	Nomenclatura	PN	QTD	ATA	Valor SILOMS (US\$)	Historico Ultima Aquisição SILOMS (US\$)	Preço FLIS (US\$)	Média (US\$)	Total (US\$)
1	A7	AUTOPILOT COMP	622-8315-123	1	22	\$ 31.620,21	\$ 20.121,95	NE	\$ 25.871,08	\$ 25.871,08
2	A7	CONTROL UNIT, SWITCH	622-6324-002	8	34	\$ 5.700,00	NC	\$ 12.664,00	\$ 9.182,00	\$ 73.456,00
3	A7	RECEIVER-TRANSMITTER,RADIO	622-3373-001	1	23	\$ 88.763,34	NC	NC	\$ 88.763,34	\$ 88.763,34
4	A7	ATTITUDE ALERTE	45100-DA111	2	34	\$ 7.800,00	\$ 7.800,00	NE	\$ 7.800,00	\$ 15.600,00
5	A7	IND RADAR	3614078-8203	2	34	\$ 5.193,67	NC	NE	\$ 5.193,67	\$ 10.387,34
6	A7	INVERTER,POWER,STATIC,MONO	1B10001G	1	23	\$ 46.411,00	\$ 7.000,00	\$ 45.083,00	\$ 32.831,33	\$ 32.831,33
7	A7	COIL,RADIO FREQUENCY	1506-00-1	1	23	\$ 382,26	NC	NC	\$ 382,26	\$ 382,26
8	A7	BAND DATA UN	29185900	1	23	\$ 995,39	NC	NE	\$ 995,39	\$ 995,39
9	A7	RECEIVER-TRANSMITTER,RADIO I	154000	1	23	\$ 44.094,55	\$ 56.167,47	\$ 51.072,10	\$ 50.444,71	\$ 50.444,71
10	A7	ALTIMETER PRESS	MD15-312	1	34	\$ 4.784,00	\$ 3.500,00	NC	\$ 4.142,00	\$ 4.142,00
11	A7	ATTITUDE INDICATOR	4200-10	4	34	\$ 4.191,00	\$ 2.870,00	NC	\$ 3.530,50	\$ 14.122,00
12	A7	BELT,AIRCRAFT SAFETY	1101020-8	1	NID	\$ 277,77	\$ 874,59	NE	\$ 576,18	\$ 576,18
13	A7	ANTENNA	071-01550-0101	1	23	\$ 39.010,00	\$ 15.403,25	NC	\$ 27.206,63	\$ 27.206,63
14	C2	EXTINGUISHER, FIRE	892480	1	26	\$ 1.534,77	\$ 2.455,99	\$ 2.445,99	\$ 2.145,58	\$ 2.145,58
15	C2	TEST SET, AIR DATA	6200	10	NID	\$ 10.401,61	\$ 9.899,00	NC	\$ 10.150,31	\$ 101.503,05
16	C2	BLADE,PROPELLER,AIRCRAFT	R815505-7	1	61	\$ 69.816,86	\$ 90.939,00	NC	\$ 80.387,93	\$ 80.387,93
17	C2	BLADE,PROPELLER,AIRCRAFT	R815505-4	4	61	\$ 73.089,22	\$ 67.852,44	NC	\$ 70.470,83	\$ 281.883,32
18	C2	BATTERY, STORAGE	60-3895-1	3	24	\$ 9.393,79	\$ 22.324,49	NC	\$ 15.859,14	\$ 47.577,42
19	C2	GENERATOR,ALTERNATING CURRENT	31342-004	1	24	\$ 46.676,34	\$ 59.100,00	NC	\$ 52.888,17	\$ 52.888,17
20	C2	DIVIDER	3118511-01	1	NID	\$ 4.093,96	\$ 4.168,54	NE	\$ 4.131,25	\$ 4.131,25
21	C2	CONTROL-DISPLAY UNIT	160M0031	1	23	\$ 370.000,00	\$ 123.203,81	NC	\$ 246.601,91	\$ 246.601,91
22	C2	EMERGENCY LIGHT	10-4055-11	2	33	\$ 3.459,58	\$ 3.371,10	NC	\$ 3.415,34	\$ 6.830,68
23	C2	ANTENNA	071-50001-8105	1	23	\$ 8.934,22	\$ 6.417,97	\$ 9.101,24	\$ 8.151,14	\$ 8.151,14
24	F5	CYLINDER ASSEMBLY,ACTUATING,	OMP3863-5	9	32	\$ 13.940,00	\$ 13.940,00	NC	\$ 13.940,00	\$ 125.460,00
25	F5	CYLINDER ASSY, HYDRAULIC BRA	MC4358-2	7	32	\$ 21.920,33	\$ 7.776,20	\$ 19.229,20	\$ 16.308,58	\$ 114.160,04
26	F5	CYLINDER ASSY, HYD. BRAKE, M	MC4357-2	7	32	\$ 21.920,00	\$ 3.600,00	\$ 21.571,33	\$ 15.697,11	\$ 109.879,77
27	F5	VALVE LINEAR,DIRECTIONAL, CON	H60G0398	3	29	\$ 19.665,49	NC	\$ 21.628,78	\$ 20.647,14	\$ 61.941,41
28	F5	VALVE LINEAR,DIRECTIONAL, CON	H60G0396	2	29	\$ 8.981,53	NC	\$ 8.205,18	\$ 8.593,36	\$ 17.186,71
29	F5	VALVE LINEAR,DIRECTIONAL, CON	AV1HK1148-1	4	29	\$ 19.665,49	\$ 19.758,04	\$ 19.659,08	\$ 78.636,32	\$ 78.636,32
30	F5	TRANSMITTER,RATE OFFLOW	8TU85GHX2	6	28	\$ 6.314,04	NC	NC	\$ 6.314,04	\$ 37.884,24
31	F5	POWER SUPPLY	8TU20GAA1	1	24	\$ 5.364,68	\$ 57.500,00	\$ 5.364,68	\$ 22.743,12	\$ 22.743,12
32	F5	ACTUATOR,ELECTRO-MECHANICAL,	756730-1	3	21	\$ 1.278,62	NC	\$ 18.949,55	\$ 10.114,09	\$ 30.342,26
33	F5	GYROSCOPE,RATE	64585-303	2	34	\$ 838,00	\$ 6.250,00	\$ 63,98	\$ 2.383,99	\$ 4.767,99
34	F5	FLOAT VALVE	60562-1	26	73	\$ 6.970,43	\$ 6.993,81	\$ 8.182,02	\$ 7.382,09	\$ 191.934,25
35	F5	STERING UNIT,AIRCRAFT NOSEW	5035L000-1	22	32	\$ 26.402,46	\$ 25.508,34	\$ 23.061,06	\$ 24.980,62	\$ 549.793,64
36	F5	SERVOCYLINDER	4-43200-510	2	29	\$ 21.497,58	\$ 39.515,77	\$ 35.931,00	\$ 32.314,78	\$ 64.629,57
37	F5	SERVOCYLINDER	3-43300-505	5	29	\$ 11.531,63	\$ 52.563,84	\$ 47.795,39	\$ 37.296,95	\$ 186.484,77
38	F5	DAMPNER FLUTTER	3-43300-505	4	NID	\$ 22.829,47	NC	\$ 19.527,56	\$ 21.178,52	\$ 84.714,06
39	F5	REGULATOR,OXYGEN	3260079-0102	22	35	\$ 3.300,00	\$ 17.128,00	NE	\$ 10.214,00	\$ 224.708,00
40	F5	REGULATOR,AIR PRESSURE,AIRC	2760003-102	4	21	\$ 26.502,00	\$ 72.092,10	\$ 67.825,34	\$ 55.473,15	\$ 221.892,59
41	F5	GYROSCOPE,RATE	2-75914-3	2	34	\$ 838,00	NC	\$ 63,98	\$ 450,99	\$ 901,98
42	F5	TRANSMITTER,ANGLE OF ATTACK,	2562A13M	27	27	\$ 7.270,11	\$ 15.754,97	\$ 7.102,34	\$ 10.042,47	\$ 271.146,78
43	F5	TRANSMITTER,ANGLE OF ATTACK	2562A13	5	27	\$ 1.232,46	NC	\$ 7.102,34	\$ 4.167,40	\$ 20.837,00
44	F5	SERVOCYLINDER	2-43160-508	12	29	\$ 10.390,44	NC	\$ 11.984,17	\$ 11.187,31	\$ 134.247,66

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45	F5	ACTUATOR ALLECON LH	2-43160-507	8	27	\$	13,907.66	\$	12,792.07	\$	12,200.23	\$	12,966.65	\$	103,733.23
46	F5	ACCESSORY DRIVE GEARBOX	14-51100-1	15	76	\$	32,340.82	\$	27,060.31	\$	28,000.90	\$	29,301.68	\$	439,523.15
47	F5	CYLINDER ASSEMBLY ACTUATING	14-43270-1	8	29	\$	22,748.23	\$	NC	\$	71,454.22	\$	49,601.60	\$	396,812.80
48	F5	CYLINDER ASSEMBLY ACTUATING	14-43260-501	8	29	\$	30,319.24	\$	29,042.16	\$	80,371.63	\$	80,371.63	\$	642,973.04
49	F5	TRANSFORMER RECTIFIER-UNIT R	1-002-01022020	16	24	\$	19,915.51	\$	19,915.51	\$	NC	\$	19,915.51	\$	318,648.16
50	F5	SERVOVALVE-HYDRAULIC	22253350	4	29	\$	9,988.38	\$	9,988.38	\$	5,948.03	\$	8,641.60	\$	34,566.39
51	F5	GYROSCOPE RATE	20110	26	34	\$	298.00	\$	12,086.57	\$	10,926.08	\$	7,770.52	\$	202,033.43
52	F5	PUMP SUBMERGED-AIRCRAFT	RK52780A	15	73	\$	8,683.16	\$	8,397.36	\$	8,586.00	\$	8,555.51	\$	128,332.60
53	F5	STEERING ACTUATOR	ONP365-7	1	32	\$	9,333.40	\$	NC	\$	7,921.51	\$	8,177.46	\$	8,177.46
54	F5	CONTROL GENERATOR	9761902-6	1	24	\$	3,943.27	\$	7,646.00	\$	3,602.42	\$	5,063.90	\$	5,063.90
55	F5	CONTROL GENERATOR	9761902-5	1	24	\$	7,435.00	\$	7,322.00	\$	7,322.00	\$	7,359.67	\$	7,359.67
56	F5	CONTROL GENERATOR	9761902-4	1	24	\$	4,106.58	\$	3,984.71	\$	3,602.42	\$	3,897.90	\$	3,897.90
57	F5	CONTROL GENERATOR	9761902-2	1	24	\$	NC	\$	1,100.00	\$	NC	\$	1,100.00	\$	1,100.00
58	F5	GENERATOR ALTERNATING CURRENT	9761898-2	7	80	\$	70,396.15	\$	54,000.00	\$	76,012.89	\$	67,136.38	\$	469,954.64
59	F5	TRANSMITTER RATE OFFLOW	8T18GHN3	4	28	\$	11,647.00	\$	NC	\$	6,308.00	\$	8,977.50	\$	35,910.00
60	F5	AMPLIFIER ELECTRONIC CONTROL	5071108F01	5	23	\$	18,500.00	\$	17,500.00	\$	NC	\$	18,000.00	\$	90,000.00
61	F5	ACTUATOR ELECTRO	1818AS8R176	33	24	\$	18,319.04	\$	18,511.58	\$	18,864.00	\$	18,564.87	\$	612,640.82
62	F5	AMPLIFIER ELECTRONIC CONTROL	101E9880G01	2	23	\$	18,722.50	\$	34,200.00	\$	22,857.24	\$	25,259.95	\$	50,519.89
63	F5	GYROSCOPE RATE	20100	7	34	\$	28.57	\$	NC	\$	12,086.57	\$	6,057.62	\$	42,403.34
64	F5	PUMP HYDRAULIC	70653-02300-4050	10	29	\$	14,517.00	\$	15,772.00	\$	15,515.00	\$	15,268.00	\$	152,680.00
65	F5	SERVO ASSY COLL	70410-02920-053	11	67	\$	14,424.00	\$	15,572.00	\$	14,154.00	\$	13,716.67	\$	150,883.33
66	F5	SERVO MAIN	70410-02920-054	5	67	\$	35,562.24	\$	29,392.00	\$	26,482.00	\$	30,478.75	\$	157,392.73
67	F5	ACTUATOR TRIM TAB L	70410-02760-047	9	22	\$	29,522.00	\$	59,000.00	\$	31,180.00	\$	30,917.33	\$	359,256.00
68	F5	RESISTOR VARIABLE MOTOR DRI	70301-02109-102	1	24	\$	7,931.64	\$	4,955.47	\$	12,404.55	\$	12,404.55	\$	12,404.55
69	F5	GYROSCOPE RATE	TRC-2AA	2	34	\$	17,060.95	\$	9,601.05	\$	9,314.11	\$	11,992.04	\$	11,992.04
70	F5	INDICATOR HEIGHT	JG1209AG01	1	31	\$	2,823.00	\$	22,941.18	\$	8,610.00	\$	37,065.97	\$	296,249.45
71	F5	RECIEVER-TRANSMITTER RADAR	HG7209AD02	8	23	\$	39,305.93	\$	34,826.00	\$	NC	\$	31,065.97	\$	296,249.45
72	F5	GYROSCOPE RATE	DME-42	1	34	\$	17,060.95	\$	NC	\$	9,314.11	\$	13,187.53	\$	13,187.53
73	F5	INTERROGATOR SET	CP-1100-2	2	34	\$	4,375.00	\$	17,824.00	\$	NC	\$	11,099.50	\$	2,199.00
74	F5	CONTROLER AIRCRAFT	BL-29900-30-1	1	34	\$	8,302.00	\$	12,971.00	\$	13,141.00	\$	162,999.51	\$	488,998.52
75	F5	WING AIRCRAFT MOUNTED	B2888-01	2	34	\$	10,404.46	\$	NC	\$	9,314.11	\$	9,859.29	\$	19,718.57
76	F5	GYROSCOPE RATE	A301-BG	8	23	\$	3,604.44	\$	3,826.00	\$	NC	\$	3,712.22	\$	29,697.76
77	F5	CONT PNL TCS	50004-09340111000	4	46	\$	8,950.00	\$	69,896.00	\$	NC	\$	39,420.00	\$	157,680.00
78	F5	AIR DATA COMPUTER	832-U182-002	1	23	\$	77,000.00	\$	73,000.00	\$	NC	\$	76,000.00	\$	76,000.00
79	F5	RECIEVER-TRANSMITTER RADIO	81840-03-7E01	1	34	\$	7,386.36	\$	15,966.00	\$	NC	\$	11,672.18	\$	11,672.18
80	F5	NAVIGATOR PROCESSADOR UNIT	81840-03-007C	3	34	\$	7,386.36	\$	95,700.00	\$	NC	\$	51,543.18	\$	95,700.00
81	F5	NAVIGATOR PROCESSADOR UNIT	70902-02001-048	3	23	\$	13,089.00	\$	13,089.00	\$	30,669.00	\$	30,669.00	\$	124,607.00
82	F5	AMPLIFIER ELECTRONIC CONTROL	70902-02001-048	3	23	\$	13,089.00	\$	13,089.00	\$	30,669.00	\$	30,669.00	\$	124,607.00
83	F5	CONTROL BOX	70902-01070-048	4	34	\$	26,624.00	\$	NC	\$	11,616.00	\$	19,120.00	\$	76,480.00
84	F5	AMPLIFIER SYNCHRO SIGNAL	70901-01802-101	3	63	\$	23,263.00	\$	20,695.00	\$	25,274.00	\$	23,077.33	\$	69,232.00
85	F5	COMPUTER FLIGHT DIRECTOR	70651-063210-101	1	67	\$	18,000.00	\$	18,000.00	\$	65,386.00	\$	65,386.00	\$	65,386.00
86	F5	STARTER ENGINE	70650-02032-104	1	80	\$	12,234.00	\$	12,234.00	\$	16,948.00	\$	16,948.00	\$	16,948.00
87	F5	GENERATOR ALTERNATING CURRENT	70650-01148-101	1	80	\$	10,214.00	\$	10,214.00	\$	10,769.00	\$	11,006.33	\$	11,006.33
88	F5	SWITCH L DIM	70550-01148-101	1	33	\$	1,225.23	\$	NC	\$	3,839.67	\$	2,532.45	\$	2,532.45
89	F5	GEN RATE METER	70550-01124-106	9	34	\$	NC	\$	NC	\$	12,181.00	\$	12,181.00	\$	109,629.00
90	F5	PANEL FAULT FUNCTION INDICATOR, A	70550-01107-120	1	45	\$	8,739.00	\$	15,000.00	\$	9,235.00	\$	10,998.00	\$	32,994.00
91	F5	DISPLAY UNIT CONTROL	70450-01916-105	3	67	\$	37,139.00	\$	21,500.00	\$	39,178.00	\$	34,612.33	\$	34,612.33
92	F5	CONVERTER SIGNAL	70450-01916-103	1	24	\$	22,671.00	\$	NC	\$	23,767.00	\$	23,219.00	\$	23,219.00
93	F5	SELECTOR MODE DIS-V	70450-01901-114	3	34	\$	21,250.00	\$	21,250.00	\$	21,226.00	\$	21,408.67	\$	64,226.00
94	F5	TRANSDUCER, MOTONAL	70450-0108-108	1	34	\$	14,382.00	\$	NC	\$	15,829.00	\$	15,105.50	\$	15,105.50

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95	H7	INDICATOR AIR SPEED	70450-01042-101	8	31	\$ 1,177.16	\$ 1,083.05	\$ 3,359.05	\$ 3,359.05	\$ 26,872.40
96	H7	IND VERT SIT	70450-01040-112	3	31	\$ 4,765.00	\$ 5,400.00	NC	\$ 5,082.50	\$ 15,247.50
97	H7	SERVO CYLINDER THR	70410-06520-046	1	67	\$ 22,805.00	\$ 79,800.00	\$ 32,757.00	\$ 45,120.67	\$ 45,120.67
98	H7	SERVO ASSY YAW	70410-02910-067	3	67	\$ 81,057.03	\$ 88,757.50	NC	\$ 84,907.27	\$ 254,721.80
99	H7	BELCRANK ASSY	70400-08102-045	3	67	\$ 1,971.00	\$ 2,118.00	\$ 2,504.00	\$ 2,197.67	\$ 6,593.00
100	H7	ACTUATOR ELECTRO-MECHANICAL LINEAR	70400-06641-117	10	NID	\$ 7,657.00	\$ 8,160.00	\$ 18,645.00	\$ 18,645.00	\$ 186,450.00
101	H7	SERVO ROLL TRIM, UVO UH-60, ROTARY WING AIRCRAFT	70400-02260-120	3	67	\$ 12,151.00	\$ 13,739.00	\$ 11,904.00	\$ 12,598.00	\$ 37,794.00
102	H7	FAN, VANE AXIAL	70361-03005-107	1	NID	\$ 18,312.00	\$ 18,841.00	\$ 18,993.00	\$ 18,715.33	\$ 18,715.33
103	H7	YOKE ASSY, LANDING GEAR	70250-13158-043	3	32	\$ 11,949.27	\$ 2,348.81	\$ 5,481.73	\$ 5,481.73	\$ 16,445.18
104	H7	DRAG BRACE LANDING GEAR	70250-12105-043	5	32	\$ 10,667.00	NC	\$ 10,614.00	\$ 10,340.50	\$ 51,702.50
105	H7	LANDING GEAR FIXED	70250-12051-045	1	32	\$ 13,068.00	NC	\$ 13,778.00	\$ 13,423.00	\$ 13,423.00
106	H7	TIP, AIRCRAFT	70150-09207-041	1	NID	\$ 8,282.00	\$ 8,733.00	\$ 8,698.33	\$ 8,698.33	\$ 8,698.33
107	H7	MAIN ROTOR BLADE	70130-09100-043	2	62	\$ 140,812.00	\$ 198,908.00	\$ 179,542.67	\$ 179,542.67	\$ 359,085.33
108	H7	DAMPER ASSY	70106-08100-046	7	62	\$ 11,047.00	\$ 7,302.00	\$ 7,655.00	\$ 8,668.00	\$ 60,676.00
109	H7	SPINDLE HEAD ROTARY WING	70102-08200-068	2	62	\$ 32,685.00	\$ 52,995.00	\$ 34,461.00	\$ 40,047.00	\$ 80,094.00
110	H7	SPINDLE HEAD ROTARY WING	70102-08200-056	3	62	\$ 25,612.00	\$ 25,239.00	\$ 31,713.00	\$ 27,521.33	\$ 82,564.00
111	H7	THR BLADE	70101-31000-043	6	63	\$ 60,004.31	\$ 106,000.00	\$ 114,131.00	\$ 93,378.44	\$ 560,270.62
112	H7	CONTROL RADIO SET	622-8761-007	3	23	\$ 14,666.00	\$ 19,500.00	\$ 12,879.00	\$ 15,681.67	\$ 47,045.00
113	H7	RECEIVER RADIO	622-6812-002	2	23	\$ 23,599.76	\$ 22,000.00	\$ 25,604.76	\$ 23,734.84	\$ 47,469.68
114	H7	INDICATOR DISTANCE	622-6524-003	2	31	NC	\$ 1,604.25	NE	\$ 1,604.25	\$ 3,208.50
115	H7	CONTROL RECEIVER	597-2177-204	1	23	\$ 5,378.47	\$ 840.86	NE	\$ 3,109.67	\$ 3,109.67
116	H7	CONTROL UNIT	597-2177-112	1	67	\$ 13,225.81	\$ 840.86	NE	\$ 7,033.34	\$ 7,033.34
117	H7	DIGITAL CONTROL ELECTRONIC	5086183P05	1	72	\$ 19,663.00	\$ 19,663.00	\$ 26,377.00	\$ 26,377.00	\$ 26,377.00
118	H7	SELECTOR MODE HSLV	5050218-9	1	34	\$ 21,250.00	\$ 24,700.00	\$ 21,726.00	\$ 22,558.67	\$ 22,558.67
119	H7	TRANSMITTER LIQUID QUANTITY	473067-002	1	46	\$ 3,381.00	\$ 6,000.00	\$ 3,564.00	\$ 4,315.00	\$ 4,315.00
120	H7	GYROSCOPE DISPLACEMENT	46060-3	1	34	\$ 8,009.00	NC	\$ 18,684.00	\$ 13,346.50	\$ 13,346.50
121	H7	LIGHT, LANDING AIRCRAFT	45-0253-17	1	32	\$ 8,378.87	NC	\$ 11,145.94	\$ 9,762.41	\$ 9,762.41
122	H7	SEARCHLIGHT	45-0241-11	2	33	\$ 6,252.00	\$ 5,440.00	\$ 6,578.00	\$ 6,090.00	\$ 12,180.00
123	H7	PANEL, FAULT-FUNCTION INDICATOR, A	44781000-90	3	45	\$ 4,392.00	\$ 5,333.00	\$ 3,648.00	\$ 4,457.67	\$ 13,373.00
124	H7	PANEL, FAULT-FUNCTION INDICATOR, A	44781000-10	1	45	\$ 4,392.00	\$ 4,395.00	NE	\$ 4,393.50	\$ 4,393.50
125	H7	DIGITAL CONTROL ELECTRONIC	4082799G12	1	72	\$ 19,663.00	\$ 19,663.00	\$ 26,377.00	\$ 26,377.00	\$ 26,377.00
126	H7	RECEIVER-TRANSMITTER RADAR	4036360-0519	1	23	\$ 15,961.61	\$ 61,000.00	\$ 14,002.02	\$ 30,321.21	\$ 30,321.21
127	H7	STARTER, ENGINE, GAS TURBINE	3505300-9-1	13	80	\$ 13,090.79	\$ 16,000.00	NC	\$ 14,545.40	\$ 189,090.14
128	H7	STARTER, ENGINE, GAS TURBINE	3505300-6-1	9	80	\$ 10,963.00	\$ 8,924.00	\$ 14,297.00	\$ 14,297.00	\$ 128,673.00
129	H7	VALVE, SOLENOID	3213850-3-1	2	NID	\$ 3,986.00	\$ 3,355.00	\$ 4,202.00	\$ 3,847.67	\$ 7,695.33
130	H7	GENERATOR ALTERNATING AC	28B302-8-DM	1	80	\$ 24,103.22	NC	\$ 23,623.00	\$ 23,863.11	\$ 23,863.11
131	H7	GENERATOR, ALTERNATING CURRENT	28B262-35-C	1	80	\$ 10,214.00	\$ 10,513.00	\$ 10,769.00	\$ 10,498.67	\$ 10,498.67
132	H7	SERVO ASSY COLL	274600-1045	2	67	\$ 13,424.00	\$ 18,199.00	\$ 14,154.00	\$ 15,259.00	\$ 30,318.00
133	H7	CONTROL COMPASS	2589386-907	3	NID	\$ 13,706.00	\$ 6,917.41	\$ 15,084.00	\$ 11,902.47	\$ 35,707.41
134	H7	CONTROL GENERATOR	21817-96-B	1	24	\$ 4,566.00	NC	\$ 4,814.00	\$ 4,690.00	\$ 4,690.00
135	H7	CONTROL UNIT APU	163290-100	1	NID	\$ 13,618.00	NC	\$ 14,124.00	\$ 13,871.00	\$ 13,871.00
136	H7	PROCESSOR COMMAND	146310-7	4	NID	\$ 30,678.00	\$ 59,000.00	\$ 33,764.00	\$ 41,147.33	\$ 164,589.33
137	H7	GYROSCOPE DISPLACEMENT	145974-01-03	2	34	NC	NC	NC	\$ 18,684.00	\$ 37,368.00
138	H7	INDICATOR HORIZONTAL SITUATION	132750-5	1	31	\$ 30,293.00	\$ 21,455.00	\$ 33,340.00	\$ 28,362.67	\$ 28,362.67
139	H7	ALTIMETER, PRESSURE	10450-31327	1	34	\$ 12,128.86	NC	\$ 8,168.00	\$ 10,148.43	\$ 10,148.43
140	H7	ALTIMETER ENCODER	101450-41883	7	34	\$ 6,349.21	\$ 37,620.00	\$ 27,340.00	\$ 23,769.74	\$ 166,388.16
141	H7	ALTIMETER ENCODER	101450-31243	1	34	\$ 4,825.00	\$ 8,900.00	\$ 8,975.00	\$ 7,566.67	\$ 7,566.67
142	H7	HOIST CONTROL BOX	1004641-901	1	NID	\$ 15,000.00	\$ 19,000.00	NE	\$ 17,000.00	\$ 17,000.00
143	H7	DISPLAY UNIT RADAR	066-04055-1101	2	23	\$ 7,391.60	\$ 4,950.00	NC	\$ 6,170.80	\$ 12,341.60
144	H7	CONTROL PANEL RECEIVER	064-1016-05	4	23	\$ 6,750.00	\$ 6,750.00	NE	\$ 6,750.00	\$ 27,000.00

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145	P3	TRANSMITTER OIL PRESSURE	ST104E	1	80	\$	1,864.17	NC		NI	\$	1,864.17	\$	1,864.17	
146	P3	ACTUATOR/ELECTRO-MECHANICAL	RI196M5	12	27	\$	9,279.60	\$	6,585.15	\$	26,834.00	\$	26,834.00	\$	322,008.00
147	P3	TRANSMITTER PRESSURE	MS2813-18T	46	26	\$	2,409.29	\$	2,486.85	\$	2,630.23	\$	2,508.79	\$	15,052.74
148	P3	TRANSMITTER PRESSURE	MS2813-12T	3	46	\$	2,078.15	\$	2,372.54	\$	2,099.81	\$	2,183.50	\$	6,550.50
149	P3	MOTOR/HYDRAULIC	MF69-3906-30BC06	1	29	\$	8,446.00	NC		\$	11,262.00	\$	9,854.00	\$	9,854.00
150	P3	INDICATOR TEMPERATURE ELECTR	JC1165A2	2	31	\$	26,978.00	NC		\$	26,619.00	\$	26,809.50	\$	53,619.00
151	P3	LIGHT ASSEMBLY/LAND	G8895-1	16	33	\$	13,412.52	\$	13,312.19	\$	12,724.94	\$	13,149.88	\$	210,398.13
152	P3	VALVE CABIN COMPRESS	DYL25858-1	4	21	\$	7,472.00	\$	12,384.00	\$	7,400.00	\$	9,085.53	\$	36,341.33
153	P3	ACTUADOR/ELECTRO-MECHANICAL	DL1326M39-4	7	24	\$	565.00	\$	11,774.41	\$	1,816.92	\$	4,718.78	\$	33,031.44
154	P3	RELAY/ELECTROMAGNETIC	BR276	1	24	\$	1,220.00	NC		NC		\$	1,220.00	\$	1,220.00
155	P3	RELAY	B-124VL	3	24	\$	18,305.00	\$	9,369.00	\$	43,317.00	\$	43,317.00	\$	129,951.00
156	P3	VALVE ASSEMBLY FUEL TANK	AV16E1131B	1	28	\$	10,521.45	NC		\$	9,581.00	\$	10,051.22	\$	10,051.22
157	P3	CIRCUIT CARD ASSEMBLY	836-327	1	24	\$	206.68	NC		\$	1,967.90	\$	1,087.29	\$	1,087.29
158	P3	HOUSING ASSY PUMP	727785-1	1	61	\$	95,196.00	\$	95,196.00	\$	108,588.00	\$	99,660.00	\$	99,660.00
159	P3	ACTUATOR/ELECTRO-MECHANICAL	669345-13	6	24	\$	9,279.60	\$	19,525.00	\$	26,834.00	\$	26,834.00	\$	161,004.00
160	P3	HOUSING VALVE	6-458-101-3	1	28	\$	38,735.00	NC		\$	21,865.49	\$	30,500.25	\$	30,500.25
161	P3	VALVE FUEL TANK TRA	6-158-101-1	5	28	\$	19,344.00	NC		\$	19,040.00	\$	19,143.00	\$	95,710.00
162	P3	PAN TUBEXIAL	605600-2-1	6	21	\$	13,422.00	NC		\$	17,378.00	\$	13,394.00	\$	80,364.00
163	P3	VALVE REGULATING FLUID PRESS	57-761-04	1	21	\$	4,078.00	NC		\$	17,938.00	\$	16,008.00	\$	32,016.00
164	P3	AMPLIFIER ELECTRONIC CONTROL	5505067-3	2	23	\$	14,078.00	NC		\$	17,938.00	\$	16,008.00	\$	32,016.00
165	P3	AMPLIFIER ELECTRONIC CONTROL	543200-1	4	23	\$	14,078.00	NC		\$	17,938.00	\$	16,008.00	\$	32,016.00
166	P3	TRANSFORMER POWER AUTOTRANSF	5-1047	1	24	\$	3,476.33	\$	6,637.54	\$	2,096.45	\$	3,070.11	\$	6,403.20
167	P3	VALVE CROSS	43030-11	22	21	\$	4,030.00	\$	25,900.00	\$	29,912.00	\$	19,947.33	\$	43,881.33
168	P3	VALVE CROSS	40030-1	2	34	\$	30,233.00	\$	4,030.00	\$	29,912.00	\$	21,391.67	\$	42,783.33
169	P3	VALVE BUTTERFLY	4012980	1	21	\$	35,760.00	\$	12,793.00	\$	35,380.00	\$	27,977.67	\$	27,977.67
170	P3	VALVE BUTTERFLY	38845-4B	1	80	\$	19,877.00	\$	19,877.00	\$	30,525.00	\$	30,525.00	\$	30,525.00
171	P3	REGULATOR OXYGEN DEMAND	29255-10A/B9	5	35	\$	13,573.00	\$	13,573.00	\$	26,323.00	\$	26,323.00	\$	131,615.00
172	P3	COMPRESSOR CENTRIFUGAL	204790-1-1	3	81	\$	23,485.00	NC		\$	45,662.00	\$	34,573.50	\$	103,720.50
173	P3	VALVE SOLENOID	1374-598497	4	OUTROS	\$	9,410.00	\$	9,130.57	\$	10,386.97	\$	9,639.18	\$	38,556.72
174	P3	PUMP ASSY HYDRAULIC FUEL BOOST	112-383	2	28	\$	20,693.00	NC		\$	20,475.00	\$	20,583.00	\$	41,166.00
175	P3	PUMP ASSY HYDRAULIC	100-819-29	1	29	\$	33,190.00	NC		\$	32,946.00	\$	32,946.00	\$	32,946.00
176	P3	PUMP WATER AND AICO	903895-1	1	29	\$	7,995.00	\$	9,94.00	\$	27,646.00	\$	27,646.00	\$	27,646.00
177	P3	ACCUMULATOR PNEUMATIC	23711461	1	29	\$	3,271.00	NC		\$	3,091.61	\$	3,181.31	\$	3,181.31
178	P3	COOLER/LUBRICATING OIL/ENGINE	8329935	1	71	\$	3,437.00	\$	2,225.00	\$	8,594.00	\$	8,594.00	\$	8,594.00
179	P3	INDICATOR PRESSURE	SRS5E	1	31	\$	6,138.00	\$	6,138.00	\$	5,812.49	\$	6,029.50	\$	6,029.50
180	P3	BRAKE WING FLAP	SPL5569-3	4	27	\$	25,403.00	NC		\$	25,134.00	\$	25,268.50	\$	101,074.00
181	P3	INDICATOR ANGLE	SL29058G	2	31	\$	5,443.39	NC		\$	5,128.00	\$	5,285.79	\$	10,571.39
182	P3	ACTUATOR ELECTRO-MECHANICAL LINE	DL1326M39-4	5	24	\$	8,486.00	NC		\$	8,035.47	\$	8,260.74	\$	41,503.68
183	P3	ACTUATOR/ELECTRO-MECHANICAL LINEAR	DL1326M39-5	3	24	\$	12,148.47	\$	41,400.00	\$	20,295.00	\$	24,614.49	\$	73,845.47
184	P3	BEACON SONAR	DK1E0	1	23	\$	928.88	\$	959.71	\$	959.71	\$	949.43	\$	949.43
185	P3	VALVE BUTTERFLY	BY1B50495-1	1	OUTROS	\$	8,058.60	\$	2,333.70	\$	15,362.00	\$	15,362.00	\$	15,362.00
186	P3	GAGE DIFFERENTIAL DIAL IND	AW2-33A1	1	31	\$	8,238.01	\$	6,174.82	\$	12,535.55	\$	12,535.55	\$	12,535.55
187	P3	INDICATOR RATE	A20877-10-001	1	31	\$	8,995.00	\$	2,148.49	\$	8,900.00	\$	6,681.16	\$	6,681.16
188	P3	STRUCT SUB ASSEMBLY	901918-105	1	29	\$	182,132.00	\$	350,000.00	NC		\$	266,066.00	\$	266,066.00
189	P3	PISTON HYDRAULIC SYSTEM	900-8-30	1	29	\$	3,273.15	\$	3,273.15	\$	2,424.39	\$	2,256.67	\$	44,313.33
190	P3	POWER SUPPLY	RT1888GAH1	2	24	\$	22,233.00	\$	22,241.00	\$	21,996.00	\$	51,604.67	\$	51,604.67
191	P3	CONTROLER ASSEMBLY VALVE	710085-1	1	61	\$	42,076.00	\$	55,819.00	\$	19,765.00	\$	17,886.67	\$	17,886.67
192	P3	CYLINDER ASSEMBLY ACTUATING LINE	668247-5	1	32	\$	19,626.00	\$	14,271.00	\$	19,765.00	\$	17,886.67	\$	17,886.67
193	P3	GAGE DIFFERENTIAL DIAL IND	626149-3	1	31	\$	8,238.01	\$	6,174.82	\$	12,535.55	\$	12,535.55	\$	12,535.55
194	P3	SELECTOR AND SELECT	388530-5	2	OUTROS	\$	19,745.00	\$	29,980.00	\$	19,776.00	\$	23,167.00	\$	46,334.00

195	P3	VALVE,HOT AIR	41D230	2	75	\$ 25,247.00	\$ 35,900.00	\$ 49,664.00	\$ 49,664.00	\$ 99,328.00
196	P3	VALVE,BUTTERFLY	41D110-1	2	21	\$ 7,364.74	\$ 8,475.00	\$ 13,106.00	\$ 13,106.00	\$ 26,212.00
197	P3	VALVE, BUTTERFLY	40D990	1	21	\$ 2,333.70	\$ 2,333.70	\$ 15,362.00	\$ 15,362.00	\$ 15,362.00
198	P3	VALVE,STEERING,NOSE	39900-303	1	32	\$ 51,948.00	\$ 53,575.00	\$ 52,969.33	\$ 52,969.33	\$ 52,969.33
199	P3	INDICATOR QUANTITY,TOTAL FUEL	393065-01858	1	77	\$ 12,520.00	\$ 12,520.00	\$ 12,387.00	\$ 12,475.67	\$ 12,475.67
200	P3	INDICATOR FUEL QUANTITY	393007-07870	1	77	\$ 5,940.00	\$ 9,863.72	\$ 5,877.00	\$ 7,226.91	\$ 7,226.91
201	P3	INDICATOR FUEL QUANTITY	393007-07869	3	77	\$ 11,795.00	\$ 2,383.20	\$ 10,430.00	\$ 8,202.73	\$ 24,608.20
202	P3	REGULATOR, FLOW	392556-1-1	1	21	\$ 7,428.24	\$ 7,428.24	\$ 26,975.00	\$ 26,975.00	\$ 26,975.00
203	P3	ENGINE,GAS TURBINE,NONAIRCRAFT	380258-1-16	3	72	\$ 127,000.00	\$ 84,000.00	NE	\$ 105,500.00	\$ 316,500.00
204	P3	STARTER ENGINE,AIRCRAFT	36E79-12B	2	80	\$ 37,249.00	NC	\$ 36,826.00	\$ 37,037.50	\$ 74,075.00
205	P3	HEADSET,ELECTRICAL	308100-0110	20	23	\$ 4,171.59	\$ 1,782.73	NE	\$ 2,977.16	\$ 59,543.20
206	P3	INVERTER,POWER,STATIC	2D1000-2B-1035 MOD E	1	24	\$ 11,738.35	\$ 19,379.00	NE	\$ 15,582.18	\$ 15,582.18
207	P3	INVERTER,STATIC	2D1000-1A-1016 MOD E	1	24	\$ 10,938.03	NC	NE	\$ 10,938.03	\$ 10,938.03
208	P3	REGULATOR VOLTAGE	21B18-1C	2	24	\$ 4,417.00	NC	\$ 4,142.00	\$ 4,279.50	\$ 8,559.00
209	P3	REGULATOR VOLTAGE	21B18-1	1	24	\$ 5,980.00	NC	NE	\$ 5,980.00	\$ 5,980.00
210	P3	COMPRESSOR, ROTARY	206400-3-1B	5	81	\$ 30,300.00	NC	NE	\$ 30,300.00	\$ 151,500.00
211	P3	COMPRESSOR,CENTRIFUGAL	206400-2-1	5	81	\$ 87,730.00	\$ 56,000.00	\$ 95,085.00	\$ 79,605.00	\$ 398,025.00
212	P3	INVERTER,POWER,STATIC	1B350-1B-1	2	24	\$ 5,142.95	\$ 5,142.97	NC	\$ 5,142.96	\$ 10,285.92
213	P3	VALVE ASSEMBLY,BRAK	15720-5	1	29	\$ 25,361.00	\$ 24,607.00	\$ 25,092.00	\$ 25,020.00	\$ 25,020.00
214	P3	VALVE,BRAKE ACTUATI	15120-4	1	29	\$ 12,086.00	\$ 11,727.00	\$ 11,958.00	\$ 11,923.67	\$ 11,923.67
215	P3	THERMOSTAT ASSEMBLY	107792-120-4	1	OUTROS	\$ 894.24	NC	\$ 4,532.55	\$ 2,713.40	\$ 2,713.40
216	P3	VALVE,BUTTERFLY	106462-3-1	4	21	\$ 14,035.59	\$ 5,223.00	\$ 15,757.00	\$ 11,671.86	\$ 46,687.45
217	P3	VALVE, DUCKFLOW AIR	102226-3	1	75	\$ 59,637.00	\$ 92,914.00	\$ 58,831.00	\$ 70,460.67	\$ 70,460.67
218	P3	CONTROLLER, AIR PRESSURE, AIRCRAFT	102210-9A	2	21	\$ 12,675.00	NC	\$ 12,540.00	\$ 12,607.50	\$ 25,215.00
219	P3	CONTROLLER, AIR PRESSURE, AIRCRAFT	102210-9	1	21	\$ 12,675.00	\$ 11,708.00	\$ 12,407.67	\$ 12,407.67	\$ 12,407.67
220	P3	FILTER	7582624	1	71	\$ 1,070.00	NC	\$ 3,386.00	\$ 2,228.00	\$ 2,228.00
221	P3	SYNCHROPHASER	585500	3	61	\$ 28,734.00	\$ 3,390.00	\$ 25,148.00	\$ 19,090.67	\$ 57,272.00
222	P3	STEREO HEADS	1987-07-14	2	23	\$ 6,000.00	NC	\$ 248.07	\$ 3,124.04	\$ 6,248.07
223	P3	REGULATOR OXYGEN DILUTER DEMAND	1600	11	35	\$ 121.18	\$ 1,400.00	NC	\$ 760.59	\$ 8,366.49
224	P3	OXYGEN SYSTEM PORTABLE	1520	9	35	\$ 20,292.13	\$ 3,353.21	NC	\$ 11,822.67	\$ 106,404.03
225	T1	DATA ACQUISITION UNIT	EMU-A-010-3	9	NID	\$ 17,500.00	\$ 14,038.44	NE	\$ 15,769.22	\$ 141,922.98
226	T9	CRANKSHAFT ASSY	76799	8	71	\$ 296.60	\$ 9,708.08	NC	\$ 5,002.34	\$ 40,018.72
227	U8	PROCESSADOR	EMU-A-010-2	1	76	\$ 14,038.44	\$ 14,200.00	NE	\$ 14,119.23	\$ 14,119.23
228	U8	ADAS-D PROCESSOR	DAAS-A-010-1	2	NID	\$ 16,751.80	\$ 13,558.52	NE	\$ 15,155.16	\$ 30,310.42
229	U8	IND OIL TEMP/P	18C454-3	2	31	\$ 533.33	\$ 660.40	NE	\$ 596.87	\$ 1,193.73
230	U8	INDICATOR HORIZONTAL SITUATI	066-3034-04	1	31	\$ 2,635.30	\$ 2,207.95	NE	\$ 2,421.63	\$ 2,421.63
231	U8	ENGINE INTERFA.SPEC	011-00831-00	1	NID	\$ 3,595.00	\$ 3,349.00	NC	\$ 3,472.00	\$ 3,472.00
232	U8	GPS ANNUNCIATION CONTROL UNIT	MDH1-448	2	22	\$ 560.00	\$ 1,275.00	NE	\$ 917.50	\$ 1,835.00
233	U8	AIRSPEED INDICATOR	C661064-0237	2	31	\$ 818.15	\$ 2,125.00	NE	\$ 1,471.58	\$ 2,943.15
234	U8	GYRO DIRECTION	C661053-0101	3	34	\$ 2,463.06	\$ 4,531.00	NE	\$ 3,497.03	\$ 10,491.09
235	U8	GYRO HORIZON	C661051-0201	5	34	\$ 3,442.58	NC	NE	\$ 3,442.58	\$ 17,212.90
236	U8	GENERATOR ENGINE ACCESSORY	C611505-0102	1	24	\$ 2,567.30	NC	NE	\$ 2,567.30	\$ 2,567.30
237	U8	ALTERNATOR	ASG12000-2	1	24	\$ 1,583.00	NC	NE	\$ 1,583.00	\$ 1,583.00
238	U8	ALTERNADOR	9910592-2	3	24	\$ 1,889.50	\$ 1,747.05	NE	\$ 1,818.28	\$ 5,454.83
239	U8	TRANSMITTER RATE OF FLOW	9910338-6	3	28	NC	\$ 5,372.00	NC	\$ 5,372.00	\$ 16,116.00
240	U8	GYRO HORIZON	504-0111-906	3	34	\$ 4,076.47	\$ 4,076.47	NE	\$ 4,076.47	\$ 12,229.41
241	U8	GYRO HORIZONTE	504-0006-96207	1	34	\$ 2,098.46	\$ 2,278.13	NE	\$ 2,188.30	\$ 2,188.30
242	U8	FUEL BOOST PUMP	2C6-8	5	28	\$ 1,530.00	\$ 3,575.00	NE	\$ 2,552.50	\$ 12,762.50
243	U8	ANNUNCIATOR PANEL	2670104-2	3	23	\$ 4,715.00	\$ 77,683.38	NE	\$ 41,199.19	\$ 123,597.57
244	U8	ALTERNATOR CONTROL UNIT ASSY	2618500-1	4	24	\$ 2,380.48	\$ 2,380.48	\$ 20,149.80	\$ 20,149.80	\$ 80,599.20

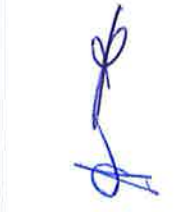


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 Proc: 67101
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245	U8	INDICATOR, PROPELLER, RPM	2606014-2	1	77	\$	6,934.62	\$	5,856.00	NE	\$	6,395.31	\$	6,395.31
246	U8	INDICATOR, PROPELLER, RPM	2606014-1RX	1	77	\$	1,590.00	\$	1,590.00	NE	\$	1,590.00	\$	1,590.00
247	U8	INDICATOR, PERCENT, RPM	2606013-2	1	79	\$	2,677.33	\$	2,485.00	NE	\$	2,581.17	\$	2,581.17
248	U8	GENERATOR, TACHOMETER	22A703	1	24	\$	372.22	\$	459.60	NE	\$	642.68	\$	642.68
249	U8	STARTER, GENERATOR	200SG119Q-2	1	80	\$	28,443.98	\$	32,633.76	NE	\$	30,538.87	\$	30,538.87
250	U8	EAN, ASSY-VENTE	0901-1	3	24	\$	1,124.62	\$	3,783.67	NE	\$	2,454.15	\$	2,454.15
251	U8	SLAVING, ACCESS, SPEC	071-1242-06	1	22	\$	482.87	\$	1,535.94	NC	\$	1,003.94	\$	1,003.94
252	U8	RECEIVER-EXCITES, RADAR	071-01319-0101	9	23	\$	36,397.06	\$	12,939.00	NC	\$	24,668.05	\$	222,012.27
253	U8	RECEIVER-TRANSMITTER, RADIO - KX165	069-1025-25	7	23	\$	5,011.99	\$	4,675.00	NC	\$	4,843.50	\$	3,904.47
254	U8	ENGINEING, ALTIMETER	066-03064-0002	1	22	\$	4,068.00	NC		NE	\$	4,068.00	\$	4,068.00
255	U8	AUTOPLOTT, COMPUTER, KFC225	065-00183-0501	1	34	\$	14,680.00	\$	12,260.00	NE	\$	13,400.00	\$	13,400.00
256	U8	DISPLAY, UNIT, GDU, 1040A	011-00916-00	1	34	\$	13,607.99	\$	9,275.00	NE	\$	11,441.50	\$	11,441.50
257	U8	GSA-81, TORQUE, SERVO	011-00878-10	1	22	\$	13,157.91	\$	7,018.30	NC	\$	10,088.11	\$	10,088.11
258	U8	GSA-80, TORQUE, SERVO	011-00877-00	3	22	\$	10,032.24	\$	4,351.27	NC	\$	7,191.76	\$	21,575.27
259	U8	MAGNETOMETER, GNG 44	011-00870-00	7	34	\$	1,995.00	\$	1,839.00	NC	\$	1,917.00	\$	13,419.00
260	U8	UNIT, AHS	011-00868-10	1	34	\$	5,124.92	\$	2,337.00	NC	\$	3,730.96	\$	3,730.96
261	U8	GYRO, HORIZON	5046003933	2	34	\$	2,281.94	\$	2,098.46	NE	\$	2,190.20	\$	11,216.61
262	U8	BOOM, DE, COMBUSTIBLE	3034792	1	28	\$	8,643.16	\$	13,790.06	NE	\$	11,216.61	\$	11,216.61
263	A2	INDICATOR, UNIT	457400J81901	1	34	\$	14,113.00	\$	14,113.00	NC	\$	14,113.00	\$	14,113.00
264	A2	RECEIVER-TRANSMITTER, RADAR	622-737-001	5	34	\$	45,296.66	NC		NC	\$	45,296.66	\$	226,483.30
265	A2	COMPUTER, ALTP	622-8315-302	1	34	\$	10,560.00	NC		NC	\$	10,560.00	\$	10,560.00
266	A7	RECEIVER-TRANSMITTER, RADIO, IDENTIFICATION	*15400*	2	34	\$	44,094.55	NC		NC	\$	44,094.55	\$	88,189.10
267	A7	PICDU, GRAY, SINCH	1018-2-113	2	34	\$	22,048.00	\$	22,048.00	NC	\$	22,048.00	\$	44,096.00
268	A7	CXREPET	110-898-22	5	34	\$	1,678.11	\$	937.60	NC	\$	1,307.96	\$	6,539.78
269	A7	CONTROL, COMPUTER	2192-00-111101	6	34	\$	45,329.88	\$	38,730.00	NC	\$	42,024.94	\$	252,149.64
270	A7	CONTROL, TRANSPONDERSET	270-2436-040	30	34	\$	2,834.00	\$	2,834.00	NC	\$	2,834.00	\$	85,020.00
271	A7	EMERGENCY, LOCATOR, TRANSMITTER, MODEL C906-2	453-5090-710	20	34	\$	2,833.44	\$	2,184.62	NC	\$	2,509.03	\$	50,180.60
272	A7	FLUX, DETECTOR	622-5812-004	5	34	\$	4,640.51	NC		NC	\$	4,640.51	\$	23,202.55
273	A7	COMPUTER, HEAD, INCL, ATTITUDE	622-6190-204	20	34	\$	77,030.38	\$	21,060.00	NC	\$	49,045.19	\$	980,903.80
274	A7	BRIDGE, AMP, INTERUN	KAS	40	34	\$	1,549.00	NC		NC	\$	782.81	\$	31,312.40
275	A7	COMPASS, MAGNETIC, MOUNTED	KCA0101W	16	34	\$	1,309.86	NC		NC	\$	1,233.55	\$	19,736.80
276	A7	TUBO, REF, REC, RADAR	738384-28	6	21	\$	2,062.50	\$	24,878.49	NC	\$	13,470.50	\$	80,822.97
277	A7	UNID, REF, REC, RADAR	738443-18	3	21	\$	2,115.38	\$	738443NC18	NC	\$	2,115.38	\$	6,346.14
278	A7	UNID, AD, REC, RADAR	738443-9	4	21	\$	2,323.94	\$	35,940.66	NC	\$	19,132.30	\$	76,529.20
279	A7	VAL, VE, REGULATING, SYSTEM, PRESSURE	754751-1	3	21	\$	1,665.03	NC		NC	\$	1,665.03	\$	4,995.09
280	A7	VAL, VE, REGULATING, SYSTEM, PRESSURE	BYLBS0333	30	21	\$	2,157.29	NC		NC	\$	2,157.29	\$	6,4718.70
281	A7	TRANSCIEVER	064-1010-21	2	23	\$	3,100.00	\$	3,150.00	NC	\$	3,125.00	\$	6,250.00
282	A7	AUDIO, CONT, SYS	M1035-B194-AA11	30	23	\$	1,487.18	NC		NC	\$	1,487.18	\$	44,615.40
283	A7	BATTERY, NICAD, AIR, GRAF, CELL, 56H120	29360-002	20	24	\$	107.76	\$	12,850.00	NC	\$	6,478.88	\$	129,577.60
284	A7	REGULATOR, C, G	352060DC168AZAB	100	24	\$	3,333.33	NC		NC	\$	3,333.33	\$	333,333.00
285	A7	STAT, C, N, MER, DER	PC15BC(D)	10	24	\$	4,947.93	NC		NC	\$	4,947.93	\$	49,479.30
286	A7	INVER, EST, A, I, CO	SEAI56	8	24	\$	15,027.32	\$	7,366.35	NC	\$	12,022.95	\$	96,183.57
287	A7	MOTOR, RAT, U, ADOR	D152-5	40	27	\$	28,477.68	NC		NC	\$	28,477.68	\$	1,139,107.20
288	A7	ACTUATOR, RH	D2246-311	40	27	\$	6,079.63	NC		NC	\$	6,079.63	\$	243,185.20
289	A7	ACTUATOR, LH	D2246-411	40	27	\$	2,514.19	NC		NC	\$	2,514.19	\$	100,567.60

290	A7	FLEET PUMP	8445	5	28	\$	8.564,15	NC	NC	\$	8.564,15	\$	51.384,90		
291	A7	BOOSTER PUMP	160-03501	3	28	\$	10.187,18	\$	3.888,89	NC	\$	7.038,04	\$	21.114,11	
292	A7	PUMPJETTING	160-097	2	28	\$	6.112,00	NC	NC	NC	\$	6.112,00	\$	12.224,00	
293	A7	VALVE GATE	AV1681943B	15	28	\$	2.517,42	\$	34.377,79	NC	\$	18.447,61	\$	276.714,08	
294	A7	VALVE SOLENOID	NCM4000C12D11	2	28	\$	1.550,00	NC	NC	NC	\$	1.550,00	\$	3.100,00	
295	A7	HIDRAULIC PUMP	*63166*	9	29	\$	2.825,70	NC	NC	NC	\$	2.825,70	\$	25.431,30	
296	A7	ACUMULADOR C	13015-001	8	29	\$	2.901,31	NC	NC	NC	\$	2.901,31	\$	23.210,48	
297	A7	REDUTOR FREIO	13485-002A	4	29	\$	13.066,81	NC	NC	NC	\$	13.066,81	\$	52.267,24	
298	A7	VALVE REGULATING FLUID PRESSURE	15300-003	12	29	\$	2.587,05	NC	NC	NC	\$	2.587,05	\$	31.044,60	
299	A7	CYLINDER ASSEMBLY ACTUATING LINEAR	14365-100B	30	29	\$	1.856,29	NC	NC	NC	\$	1.856,29	\$	55.688,70	
300	A7	DISTRIBUIÇÃO	16510A	20	29	\$	5.481,90	\$	3.450,00	\$	1.977,30	\$	59.346,00		
301	A7	FILTRORETOR	4495H4	5	29	\$	1.471,31	NC	NC	NC	\$	1.471,31	\$	7.356,55	
302	A7	PUMP RECIPROCATING	914-8027	2	29	\$	1.238,84	NC	NC	\$	1.247,36	\$	2.494,92		
303	A7	ELETRO RUBINETTO	SME601A	10	29	\$	674,72	NC	NC	NC	\$	674,72	\$	6.747,20	
304	A7	CHRONOMETER	M877-28V-24HR	2	31	\$	465,86	NC	NC	NC	\$	465,86	\$	931,72	
305	A7	ACUMULADOR	13465	2	32	\$	3.214,76	NC	NC	NC	\$	3.214,76	\$	6.429,52	
306	A7	VALVE SOLENOID	13470	50	32	\$	4.376,28	NC	NC	NC	\$	4.376,28	\$	218.814,00	
307	A7	CILMESTREDEFREIO	13480	12	32	\$	2.721,09	NC	NC	NC	\$	2.721,09	\$	32.653,08	
308	A7	VALVE REGULATING FLUID PRESSURE	13490	14	32	\$	6.946,59	NC	NC	NC	\$	6.946,59	\$	97.252,26	
309	A7	ATUA TREM AUX	14360	5	32	\$	4.905,21	NC	NC	NC	\$	4.905,21	\$	24.326,05	
310	A7	TRAVASUPTESQ	14541	5	32	\$	3.802,00	NC	NC	NC	\$	3.802,00	\$	19.010,00	
311	A7	FERRUGACCROTRAIN	14595	5	32	\$	3.773,26	NC	NC	NC	\$	3.773,26	\$	18.866,30	
312	A7	ACUMULADOR DE IODOCORRETO, CONJUNTO (100CM3)	10035-002B	1	32	\$	1.002,65	NC	NC	NC	\$	1.002,65	\$	1.002,65	
313	A7	LOCK	14300A	7	32	\$	12.944,48	\$	12.944,48	NC	\$	12.944,48	\$	90.611,36	
314	A7	TRAVASUPTDIR	14540A	40	32	\$	7.512,13	NC	NC	\$	246,16	\$	3.879,15	\$	155.165,89
315	A7	TRAVASUPTESQ	14541A	5	32	\$	1.364,71	NC	NC	\$	974,16	\$	1.169,44	\$	5.847,18
316	A7	HASTETRAVAMDIR	14610A	4	32	\$	17.059,51	NC	NC	NC	\$	17.059,51	\$	68.238,04	
317	A7	CONTRIFICHETRAING	14615-002	4	32	\$	10.771,43	NC	NC	NC	\$	10.771,43	\$	45.085,72	
318	A7	PUMP NOTARY HIDRAULYC	65WE0024-1	1	32	\$	5.960,09	NC	NC	NC	\$	5.960,09	\$	5.960,09	
319	A7	LIGHT NAVIGATIONAL AIRCRAFT	G8400A24-24	10	33	\$	955,65	NC	\$	1.152,76	\$	1.054,21	\$	10.542,05	
320	A7	LIGHT NAVIGATIONAL AIRCRAFT	MS25277-1-7079	9	33	\$	326,10	\$	947,94	NC	\$	637,02	\$	5.733,18	
321	A7	SIGNAL CONDITIONER	PC-620-0059	2	73	\$	1.012,86	NC	NC	NC	\$	1.012,86	\$	2.025,72	
322	A7	GENERATOR TACHOMETER	3201KGACCP1	30	77	\$	1.648,35	NC	NC	NC	\$	1.648,35	\$	49.450,50	
323	A7	LIGHT DIMMER POWER SUPPLY	1-002-0102-2399	1	80	NC	NC	\$	2.787,00	NC	\$	2.787,00	\$	2.787,00	
324	P-95	VLFHF RADIO RT-8200	822-1774-001	16	NID	\$	47.719,00	\$	47.719,00	NC	\$	47.719,00	\$	763.504,00	
325	P-95	HF RECEIVER/TRANSMITTER-MODEL HF-9087D	822-1069-002	8	NID	\$	41.191,00	\$	69.490,32	NC	\$	55.340,66	\$	442.725,28	
326	P-95	HF Antenna Coupler Model HF-9042	622-9405-001	4	NID	\$	19.374,00	\$	21.000,00	NC	\$	20.187,00	\$	80.748,00	
327	P-95	AIS TRANSMITTER	AISAB-110-10	4	NID	\$	28.000,00	\$	28.000,00	NC	\$	28.000,00	\$	112.000,00	
328	P-95	AUDIO MANAGEMENT UNIT	AL-20-5300-53	4	NID	\$	230.000,00	\$	230.000,00	NC	\$	230.000,00	\$	920.000,00	
329	P-95	Radar Altimeter Model KRA405B	066-01153-0101	4	NID	\$	21.647,22	\$	13.090,00	\$	18.989,62	\$	71.435,79		
330	P-95	VLFHF RADIO CONTROL UNIT / Model 379E-21	822-1673-002	16	NID	\$	13.345,00	\$	13.345,00	NC	\$	13.345,00	\$	213.520,00	
331	P-95	ARINC 429 TO SYNCHRO CONVERTER DS-100	500-2301	8	NID	NC	NC	NC	NC	\$	879,00	\$	7.032,00		



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 Fl: 65
 Proc: 67101
 Rub 001981/18-82
 Rub
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332	P-95	HF CONTROL / Model HF-9012D	822-1071-001	16	NID	5	9,979.00	\$	9,979.00	NC	NC	\$	9,979.00	\$	159,664.00
333	P-95	GPS Antenna-Aerive Splitter	MS14-A100-PM838999-2045-T	8	NID	5	NC	\$	1,551.70	NC	NC	\$	1,551.70	\$	12,413.60
334	T1	INDICADORMMI	31151RB-3E	30	34	5	5,178.80	NC	NC	NC	NC	\$	5,178.80	\$	155,364.00
335	T1	VELOCIMETRO	39248-B0501	100	34	5	6,991.59	NC	NC	NC	NC	\$	6,991.59	\$	699,159.00
336	T1	ALTIMETER	641111-307-1	30	34	5	13,630.11	NC	NC	NC	NC	\$	13,630.11	\$	438,903.30
337	T1	INDICADOR METEOROLOGICAL DATA	78-8060-5900-8	10	34	5	4,372.00	NC	\$	8,574.00	NC	\$	6,373.00	\$	63,730.00
338	T1	TURBINEBANK	M3540-05	30	34	5	1,733.33	\$	1,733.33	NC	NC	\$	1,733.33	\$	51,999.90
339	T1	COMPRESSORPRE	312-05238-003	19	21	5	634.87	\$	354.68	NC	NC	\$	494.78	\$	9,400.73
340	T1	PUMP ROTARY	025523-101-03	1	28	5	5,606.98	NC	NC	NC	NC	\$	5,606.98	\$	5,606.98
341	T1	PUMP SUBMERGED AIRCRAFT	ZB7-38	70	28	5	6,952.42	\$	12,899.17	NC	NC	\$	9,925.80	\$	694,805.65
342	T1	PUMP ROTARY	DN40570	4	29	5	25,607.12	\$	56,725.63	NC	NC	\$	41,166.38	\$	154,665.50
343	T1	FLOW DIVIDER	25536	4	73	5	2,876.00	\$	2,731.00	NC	NC	\$	2,803.50	\$	11,214.00
344	T1	FCU	3244789-1A	1	73	5	14,430.33	NC	NC	NC	NC	\$	14,430.33	\$	14,430.33
345	T1	FUEL CONTROL MAIN TURBINEENGINE	3244809-4	10	73	5	NC	NC	31,847.00	NC	NC	\$	31,847.00	\$	318,470.00
346	T1	FUEL CONTROL MAIN TURBINEENGINE	3244809-8	4	73	5	31,847.00	NC	NC	NC	NC	\$	31,847.00	\$	127,388.00
347	T1	DATA ACQUISITION UNIT	EMC-A-010-3	9	77	5	17,500.00	NC	NC	NC	NC	\$	17,500.00	\$	157,500.00
348	T1	INDICADOR T3	PNV703MVBUL1790	30	77	5	3,370.11	\$	4,428.24	NC	NC	\$	3,899.18	\$	116,975.25
349	T2	BASICPIGMENTINSTRUMENT	326MFD1-1	100	34	5	41,770.90	\$	83,541.80	NC	NC	\$	62,656.35	\$	6,255,635.00
350	T2	HUB UNIT	840-154	5	61	5	10,048.51	\$	10,048.51	NC	NC	\$	10,048.51	\$	50,242.55
351	T2	FUEL METERING UNIT	3056808-02	6	73	5	207,599.47	NC	NC	NC	NC	\$	207,599.47	\$	1,245,596.82
352	T2	ENGINEPMU	3056691-01	1	73	5	34,364.01	NC	NC	NC	NC	\$	34,364.01	\$	34,364.01
353	T2	ALTERNATOR ASSEMBLY PERMANENT MAGNET	3057586-01	1	73	5	65,953.47	\$	7,004.31	NC	NC	\$	36,328.89	\$	36,328.89
354	T2	DCU-DATA COLLECTION UNIT	3058885-02	20	73	5	32,051.28	NC	NC	NC	NC	\$	32,051.28	\$	641,025.60
355	T2	DCU-DATA COLLECTION UNIT	3058585-03	10	73	5	22,706.31	NC	NC	NC	NC	\$	27,706.31	\$	277,063.10
356	T2	ALTERNATOR ASSEMBLY PERMANENT MAGNET	3071980-02	1	73	5	59,712.15	NC	NC	NC	NC	\$	59,712.15	\$	59,712.15
357	T2	IGNITION EXCITER	3043937-04	12	74	5	6,586.59	NC	NC	NC	NC	\$	6,586.59	\$	79,039.08
358	T2	TORQUE PROBE	3117929-01	2	77	5	21,220.00	\$	21,220.00	NC	NC	\$	21,220.00	\$	42,440.00
359	T2	SLAVING ACCESSORY	071-1053-04	5	34	5	170.00	NC	NC	NC	NC	\$	170.00	\$	850.00
360	T2	ENCODING ALTIM	503392-P157W	6	34	5	1,671.25	NC	NC	NC	NC	\$	1,671.25	\$	10,027.50
361	T2	INDICADOR ATTITUDE	504-0006-914	1	34	5	1,320.00	NC	NC	NC	NC	\$	1,320.00	\$	1,320.00
362	T2	TRANSPONDER	622-2095-401	50	34	5	1,832.45	NC	NC	NC	NC	\$	1,832.45	\$	91,622.50
363	T2	POWER SUPPLY	622-2095-401	2	34	5	595.83	NC	NC	NC	NC	\$	595.83	\$	1,191.66
364	T2	INDICADOR VERIFICACION VELOCIDAD	7060-W	1	34	5	780.21	NC	NC	NC	NC	\$	780.21	\$	780.21
365	T2	AIR SPEED INDIC	8030-W	10	34	5	403.75	NC	NC	NC	NC	\$	403.75	\$	4,037.50
366	T2	TURBINE SLIP	9561-W	10	34	5	1,998.19	NC	NC	NC	NC	\$	1,998.19	\$	19,981.90
367	T2	HORIZONTAL REFERENCE INDICADOR	AIN500DC	20	34	5	4,472.74	NC	NC	NC	NC	\$	4,472.74	\$	89,454.80
368	T2	BUSSELA	D11002SE0L	10	34	5	480.00	NC	NC	NC	NC	\$	480.00	\$	4,800.00
369	T2	RECEPTOR VOR	MA02200A	2	34	5	456.41	NC	NC	NC	NC	\$	456.41	\$	912.82
370	T2	CALCULADORA	622-2087-011	1	23	5	3,367.57	NC	NC	NC	NC	\$	3,367.57	\$	3,367.57
371	T2	AMPLIFICADOR	13-200-60	2	24	5	426.00	NC	NC	NC	NC	\$	426.00	\$	852.00
372	T2	DETECTOR DE POSICION AODC COMPENSADOR ESTABILIZADOR	D2433A01	3	27	5	92.17	NC	NC	NC	NC	\$	92.17	\$	276.51
373	T2	DETECTOR COMPENSADOR T-23G	D2433A01(H1)	2	27	5	245.13	NC	NC	NC	NC	\$	245.13	\$	490.26

374	19	DETECTOR FLAP 25C	D12433B0L(HH)	2	27	\$	250.04	NC	NC	\$	250.04	\$	500.08
375	19	ROTORETE	R4100M17-1	10	27	\$	3,604.69	NC	NC	\$	3,604.69	\$	36,046.90
376	19	MANIFOLD FUEL	6331-W	40	28	\$	607.75	NC	NC	\$	607.75	\$	24,310.00
377	19	CLOCK, AIRCRAFT, MECHANICAL	AN5743-2A11	10	31	\$	1,614.11	NC	NC	\$	1,614.11	\$	16,141.10
378	19	INDCOMPENSAD	D110040A0L	4	31	\$	391.03	NC	NC	\$	391.03	\$	1,564.12
379	19	VARIOMETRO	D18015A0L	1	31	\$	216.58	NC	NC	\$	216.58	\$	216.58
380	19	INDICATOR	INA21B1	20	31	\$	3,180.00	NC	NC	\$	3,180.00	\$	63,600.00
381	19	CLOCK, AIRCRAFT, MECHANICAL	W33-7545-10	30	31	\$	1,289.00	NC	NC	\$	1,289.00	\$	38,670.00
382	19	DIAL GAGE, FUEL LEVEL	20AMVLL	20	77	\$	509.59	\$	129.10	\$	319.45	\$	6,386.90
383	19	TACOMETRO	AC1548711	40	77	\$	215.24	NC	NC	\$	215.24	\$	8,609.60
384	19	TACHOMETER, MECHANICAL, FIXED MOUNTING	D1-112-5023	8	77	\$	330.43	NC	NC	\$	330.43	\$	2,643.44
385	19	MANOMADN	D110060B0L	1	77	\$	168.23	NC	NC	\$	168.23	\$	168.23
386	19	INDICATOR	D110065B0L	30	77	\$	1,923.49	NC	NC	\$	1,923.49	\$	57,704.70
387	19	RADIOVHETRANSCIVER	AK4201	4	23	\$	1,483.21	NC	NC	\$	1,483.21	\$	5,932.84
388	19	VALVULA SELETO R DE COMBUSTIVEL	D1-122-1,0L	1	28	\$	624.26	\$	1,041.30	\$	832.78	\$	832.78
389	19	FUEL PUMP	LW15475	3	28	\$	247.83	\$	248.20	\$	248.02	\$	744.05
390	19	PROPELLER GOVERNOR	F-436	2	61	\$	1,592.36	\$	6,955.00	\$	4,273.68	\$	8,547.36
391	19	GYRO HORIZON	5040033933*	3	34	\$	2,281.94	\$	2,281.94	\$	2,281.94	\$	6,845.82
392	19	RECEIVER	011-00412-00	2	34	\$	4,884.93	\$	5,100.00	\$	4,992.47	\$	9,984.93
393	19	TRANSPONDER, RADIO, TX33	011-00779-10	4	34	\$	NC	\$	4,826.10	\$	4,826.10	\$	19,304.40
394	19	COMPUTER, AIR DATA	011-00882-10	10	34	\$	NC	\$	5,485.71	\$	5,485.71	\$	54,857.10
395	19	DISPLAY UNIT, FLIGHT INFORMATION	011-00916-10	1	34	\$	NC	\$	6,576.60	\$	6,576.60	\$	6,576.60
396	19	INTEGRATED AVIONICS UNIT, GA63W	011-01105-01	2	34	\$	13,256.69	\$	7,490.03	\$	10,373.56	\$	20,746.72
397	19	CONTROL, DIRECTIONAL, AUTOMATIC PILOT	060-0015-00	20	34	\$	4,126.92	\$	3,480.00	\$	3,803.46	\$	76,069.20
398	19	FLIGHT DIRHOR	060-0017-00	20	34	\$	1,700.00	\$	1,700.00	\$	1,700.00	\$	34,000.00
399	19	INDRMIK NISS2	066-3060-00	4	34	\$	5,844.53	\$	15,319.78	\$	10,582.16	\$	42,328.62
400	19	RECEIVER-TRANSMITTER, RADIO	069-01033-0101	60	34	\$	3,164.79	\$	3,156.60	\$	3,160.70	\$	189,641.70
401	19	NAVIGATIONS SET, SATELLITES SIGNALS, KLN-94	069-01034-0102	1	34	\$	4,750.00	\$	3,225.00	\$	3,987.50	\$	3,987.50
402	19	SLAVING ACCESS, SPEC	071-1242-06	40	34	\$	482.87	\$	1,523.00	\$	1,003.94	\$	40,157.40
403	19	INDICATOR, TURN BANK	13941100-7B	3	34	\$	805.30	\$	805.30	\$	805.30	\$	2,415.90
404	19	HORIZ GYRO-STADBY	1U149-015-15	2	34	\$	4,488.90	\$	2,000.00	\$	3,244.45	\$	6,488.90
405	19	TURN BANK	C661030-0501	10	34	\$	755.99	\$	755.99	\$	755.99	\$	7,559.90
406	19	AIR SPEED INDICATOR	C661064-0237	8	34	\$	818.15	\$	2,125.00	\$	1,471.58	\$	11,772.60
407	19	AIR SPEED INDICATOR	C661065-0237	4	34	\$	1,071.59	\$	1,119.00	\$	1,095.30	\$	4,381.18
408	19	INDICATOR, HORIZONTAL SITUATION	S3326-2	1	34	\$	NC	\$	6,362.77	\$	6,362.77	\$	6,362.77
409	19	INDICATOR, GYRO-HORIZON	S3326-2RX	1	34	\$	1,500.00	\$	3,249.92	\$	2,372.46	\$	2,372.46
410	19	AFCSS MODE CON FROLLER GM C710	011-01020-10	2	22	\$	NC	\$	6,186.21	\$	6,186.21	\$	12,372.42
411	19	SERVO-PITCH, HSZ79C	065-00178-2200	2	22	\$	3,290.00	\$	2,219.35	\$	2,754.68	\$	5,509.35
412	19	AUTOPILOT COMPUTER, KF C225	065-00183-0501	1	22	\$	14,680.00	\$	12,200.00	\$	13,440.00	\$	13,440.00
413	19	AUDIO PANEL, GMA-1347	011-00809-00	1	23	\$	NC	\$	3,500.00	\$	3,500.00	\$	3,500.00
414	19	RADAR, WX68 WEATHER	011-00883-20	9	23	\$	31,126.49	\$	25,900.00	\$	28,513.25	\$	256,619.21
415	19	RECEIVER-TRANSMITTER, SUBASSEMBLY	064-1054-30	1	23	\$	4,361.14	\$	1,899.00	\$	3,130.07	\$	3,130.07



M. DEFESA
 FL: 66
 Proc: 87101
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416	U8	INDICATOR/RADAR ALTIMETER-TYPEK1250	065-3054-01	4	23	\$	1,374.63	NC	NC	\$	1,374.63	\$	1,374.63	\$	5,498.52
417	U8	RECEIVER/RADAR	065-3114-00	30	23	\$	5,683.12	\$	2,498.68	NC	NC	\$	4,090.90	\$	122,727.00
418	U8	CONTROL UNIT/ASSY-GENERATOR	51539-012N	6	24	NC	NC	\$	6,670.45	NC	NC	\$	6,670.45	\$	40,022.70
419	U8	CONTROL BOX/FIREFELECTOR	477-90008	1	26	\$	695.00	NC	NC	NC	NC	\$	695.00	\$	695.00
420	U8	ACTUATOR/RIM(KS272A)	065-0061-36	7	27	\$	8,905.83	\$	8,217.99	NC	NC	\$	8,561.91	\$	59,933.37
421	U8	TRANSDUCER	799-1	20	27	\$	3,089.89	\$	7,589.36	NC	NC	\$	5,339.63	\$	106,792.50
422	U8	FUEL CONTROL UNIT	312678-04	15	28	\$	24,955.00	\$	60,227.30	NC	NC	\$	42,591.15	\$	638,867.25
423	U8	FUEL PUMP	702801-5	2	28	\$	13,790.06	NC	NC	NC	NC	\$	13,790.06	\$	27,580.12
424	U8	ANNUNCIATOR PA	80-0583-3	4	31	\$	4,715.00	\$	25,550.00	NC	NC	\$	15,132.50	\$	60,530.00
425	U8	ANNUNCIATOR PANEL	2670104-2	9	33	\$	4,715.00	\$	77,683.38	NC	NC	\$	41,199.19	\$	370,792.71
426	U8	GOVERNOR, CONSTANT SPEED DRIVE	8210-002	6	61	\$	3,529.41	\$	3,529.41	NC	NC	\$	3,529.41	\$	21,176.46
427	U8	FUEL CONTROL, MAIN TURBINE ENGINE	3244809-7	2	73	NC	NC	\$	21,890.00	NC	NC	\$	21,890.00	\$	43,780.00
428	U8	FUEL FLOW TRANSDUCER	TFE2905-13	1	73	\$	1,998.00	NC	NC	NC	NC	\$	1,998.00	\$	1,998.00
429	U8	ENGINE/INTERFA, SPEC	011-00831-00	10	77	NC	NC	\$	3,349.00	NC	NC	\$	3,349.00	\$	33,490.00
430	U8	TRANSMITTER RATE OF FLOW	9910338-6	20	77	\$	1.30	\$	5,372.00	NC	NC	\$	2,686.65	\$	53,733.00
431	U8	SIGNAL CONDITI	9910338-7	3	77	\$	3,382.00	\$	10,700.00	NC	NC	\$	7,041.00	\$	21,133.00
432	U8	INDICATOR FUEL FLOW	9910338-8	2	77	\$	6,777.64	\$	7,395.00	NC	NC	\$	7,086.32	\$	14,172.64
433	U8	ADAS-PROCESSOR	DAAS-A-010-1	4	77	\$	16,751.80	\$	13,558.52	NC	NC	\$	15,155.16	\$	60,620.64
434	U8	INDPERCENT RPM	RC4A1A-03	2	77	\$	1,685.00	NC	NC	NC	NC	\$	1,685.00	\$	3,370.00
435	U8	TACHOMETER ELECTRONIC	RC4A1A-09	1	77	\$	1,177.25	NC	NC	\$	1,150.05	\$	1,163.65	\$	1,163.65
436	U8	STARTER GENERATOR	2005G1190	2	80	\$	19,489.00	\$	22,398.00	NC	NC	\$	20,943.50	\$	41,887.00
437	U8	STARTER GENERATOR FOR ENGINE AIRCRAFT	2005G1130-1	2	80	NC	NC	\$	31,680.00	NC	NC	\$	6,650.00	\$	63,360.00
438	U8	STARTER GENERATOR	23081-025	3	80	\$	9,654.19	\$	NC	NC	NC	\$	9,654.19	\$	28,962.57
439	U8	ALTERNATOR	9910592-2	6	80	\$	1,889.50	\$	1,747.05	NC	NC	\$	1,818.28	\$	10,909.65
440	U8	ALTERNATOR	ASG12006-2	7	80	\$	1,583.00	NC	NC	NC	NC	\$	1,583.00	\$	11,081.00
441	U8	GENERATOR ENGINE ACCESSORY	C611505-0102	1	80	\$	2,567.30	NC	NC	NC	NC	\$	2,567.30	\$	2,567.30
442	P3	OXYGEN SYSTEM PORTABLE	1520	9	35	NC	NC	\$	1,134.11	\$	1,134.11	\$	1,134.11	\$	101,826.99
443	P3	REGULATOR OXYGEN DILUTER DEMAND	1600	11	35	\$	121.18	\$	1,400.00	\$	157,012.97	\$	137,012.97	\$	1,727,142.67
444	P3	STEREO HEADS	31972	2	23	\$	6,000.00	NC	NC	\$	988.72	\$	3,494.36	\$	6,988.72
445	P3	SYNCHROPHASER	585500	3	61	\$	28,734.00	\$	3,390.00	\$	25,148.00	\$	19,090.67	\$	57,272.00
446	P3	FILTER	7582624	1	71	\$	1,070.00	NC	NC	\$	3,428.00	\$	2,249.00	\$	2,249.00
447	P3	COOLER/LUBRICATING OIL ENGINE	8529955	1	71	\$	3,437.00	\$	2,225.00	\$	6,594.00	\$	3,594.00	\$	8,594.00
448	P3	ACCUMULATOR, PNEUMATIC	23711461	1	29	\$	3,271.00	NC	NC	\$	3,091.61	\$	3,181.31	\$	3,181.31
449	P3	PUMP WATER AND ALCO	005895-1	1	29	\$	7,995.00	\$	924.00	\$	27,646.00	\$	27,646.00	\$	27,646.00
450	P3	PUMP ASSY, HYDRAULIC	100-845-29	1	29	\$	33,190.00	NC	NC	\$	32,702.00	\$	32,946.00	\$	32,946.00
451	P3	CONTROLLER, AIR PRESSURE, AIRCRAFT	102210-9	1	21	\$	12,675.00	\$	11,708.00	\$	12,540.00	\$	12,307.67	\$	12,307.67
452	P3	CONTROLLER, AIR PRESSURE, AIRCRAFT	102210-9A	2	21	\$	12,675.00	NC	NC	\$	12,540.00	\$	12,607.50	\$	25,215.00
453	P3	VALVE, DUCKFLOW AIR	102226-3	1	75	\$	59,637.00	\$	92,914.00	\$	58,831.00	\$	70,460.67	\$	70,460.67
454	P3	VALVE, BUTTERFLY	106462-3-1	4	21	\$	14,035.59	\$	5,223.00	\$	15,757.00	\$	11,671.86	\$	46,687.45
455	P3	THERMOSTAT ASSEMBLY	107792-120-4	1	OUTROS	\$	894.24	NC	NC	\$	4,532.55	\$	2,713.40	\$	2,713.40
456	P3	PUMPING ELEMENT, FUEL BOOST	112-383	2	28	\$	20,693.00	NC	NC	\$	20,473.00	\$	20,583.00	\$	41,166.00
457	P3	VALVE, SOLENOID	1374-598497	4	OUTROS	\$	9,410.00	\$	9,120.57	\$	10,386.97	\$	9,639.18	\$	38,556.72
458	P3	VALVE BRAKE ACTUATI	15120-4	1	29	\$	12,086.00	\$	11,727.00	\$	11,958.00	\$	11,923.67	\$	11,923.67
459	P3	VALVE ASSEMBLY BRAK	15720-5	1	29	\$	25,561.00	\$	24,607.00	\$	25,092.00	\$	25,020.00	\$	25,020.00
460	P3	INVERTER, POWER, STATC	1B350-1B-1	2	24	\$	5,142.95	\$	5,142.97	NC	NC	\$	5,142.96	\$	10,285.92

461	P3	COMPRESSOR, CENTRIFUGAL			3	81	\$	23 485.00	NC	\$	45 662.00	\$	34 573.50	\$	103 720.50	
462	P3	COMPRESSOR, CENTRIFUGAL	204790-1-1		5	81	\$	87 730.00	\$	56 000.00	\$	95 085.00	\$	79 605.00	\$	398 025.00
463	P3	COMPRESSOR, ROTARY	206400-2-1		5	81	\$	30 300.00	NC	NC	NC	NC	\$	30 300.00	\$	151 500.00
464	P3	REGULATOR VOLTAGE	206400-3-1B		1	24	\$	NC	NC	NC	NC	\$	4 142.00	\$	4 142.00	
465	P3	REGULATOR VOLTAGE	21B18-1C		2	24	\$	4 417.00	NC	NC	NC	\$	4 142.00	\$	4 279.50	
466	P3	REGULATOR OXIGEN, DEMAND	29255-10AB9		5	35	\$	13 573.00	\$	13 573.00	\$	26 323.00	\$	26 323.00	\$	131 615.00
467	P3	INVERTER STATIC	2D1000-1A-1016 MOD E		1	24	\$	10 938.03	NC	NC	NC	NC	\$	10 938.03	\$	10 938.03
468	P3	INVERTER POWER STATIC	2D1000-2B-1035 MOD E		1	24	\$	11 785.35	NC	NC	NC	NC	\$	11 785.35	\$	11 785.35
469	P3	STARTER ENGINE, AIR TURBINE	36E79-12B		2	80	\$	37 249.00	NC	NC	NC	\$	36 826.00	\$	37 037.50	
470	P3	ENGINE GAS TURBINE, NON AIRCRAFT	380258-1-16		3	72	\$	127 000.00	\$	84 000.00	NC	NC	\$	105 500.00	\$	316 500.00
471	P3	VALVE, BUTTERFLY	38E45-4B		1	80	\$	19 877.00	\$	19 877.00	\$	30 525.00	\$	30 525.00	\$	30 525.00
472	P3	REGULATOR, FLUID	392556-1-1		1	21	\$	7 428.24	\$	7 428.24	\$	26 975.00	\$	26 975.00	\$	26 975.00
473	P3	INDICATOR FUEL QUANTITY	393007-07869		3	77	\$	11 795.00	\$	2 386.20	\$	10 430.00	\$	8 203.73	\$	24 611.20
474	P3	INDICATOR FUEL QUANTITY	393007-07870		1	77	\$	5 940.00	\$	9 863.72	\$	5 877.00	\$	7 226.91	\$	7 226.91
475	P3	INDICATOR QUANTITY TOTAL FUEL	393065-01858		1	77	\$	12 520.00	\$	12 520.00	\$	12 387.00	\$	12 475.67	\$	12 475.67
476	P3	VALVE, STEERING, NOSE	39900-303		1	32	\$	51 948.00	\$	53 575.00	\$	53 385.00	\$	52 969.33	\$	52 969.33
477	P3	VALVE, BUTTERFLY	40D980		1	21	\$	35 760.00	\$	12 793.00	\$	35 380.00	\$	27 977.67	\$	27 977.67
478	P3	VALVE, BUTTERFLY	40D990		1	21	\$	2 333.70	\$	2 333.70	\$	15 362.00	\$	15 362.00	\$	15 362.00
479	P3	VALVE, BUTTERFLY	41D110-1		2	21	\$	7 364.74	\$	8 475.00	\$	13 106.00	\$	13 106.00	\$	26 212.00
480	P3	VALVE, HOT AIR	41D230		2	75	\$	25 247.00	\$	35 900.00	\$	49 664.00	\$	49 664.00	\$	99 328.00
481	P3	VALVE, CROSS	43030-1		2	34	\$	30 233.00	\$	30 233.00	\$	29 912.00	\$	30 126.00	\$	60 252.00
482	P3	VALVE, CROSS	43030-11		22	21	\$	4 030.00	\$	25 900.00	\$	29 912.00	\$	19 947.33	\$	438 841.33
483	P3	TRANSFORMER, POWER AUTOTRANSF	5-1047		1	24	\$	3 476.33	\$	3 637.54	\$	2 096.45	\$	3 070.11	\$	3 070.11
484	P3	AMPLIFIER, ELECTRONIC CONTROL	543700-1		4	23	\$	14 078.00	NC	NC	\$	17 938.00	\$	16 008.00	\$	64 032.00
485	P3	AMPLIFIER, ELECTRONIC CONTROL	5505067-3		2	23	\$	14 078.00	NC	NC	\$	17 938.00	\$	16 008.00	\$	32 016.00
486	P3	VALVE, REGULATING, FLUID PRESS	57-761-04		1	21	\$	35 133.00	NC	NC	\$	34 760.00	\$	34 946.50	\$	34 946.50
487	P3	SELECTOR AND SELECT	588530-3		2	OUTROS	\$	19 745.00	\$	29 980.00	\$	19 776.00	\$	23 167.00	\$	46 334.00
488	P3	FAN, TUBE AXIAL	605600-2-1		6	21	\$	13 422.00	\$	9 382.00	\$	13 394.00	\$	10 364.00	\$	80 364.00
489	P3	GAGE DIFFERENTIAL DIAL IND	626149-3		1	31	\$	8 238.01	NC	NC	\$	12 535.55	\$	10 386.78	\$	10 386.78
490	P3	VALVE, FUEL, TANK TRA	6-458-101-1		5	28	\$	19 244.00	NC	NC	\$	19 040.00	\$	19 142.00	\$	95 710.00
491	P3	HOUSING, VALVE	6-458-101-3		1	28	\$	38 735.00	NC	NC	\$	21 865.49	\$	30 300.25	\$	30 300.25
492	P3	CYLINDER ASSEMBLY, ACTUATING LINE	668247-5		1	32	\$	19 626.00	NC	NC	\$	19 763.00	\$	19 694.50	\$	19 694.50
493	P3	ACTUATOR, ELECTRO-MECHANICAL	669545-13		6	24	\$	9 279.60	\$	19 525.00	\$	26 834.00	\$	26 834.00	\$	161 004.00
494	P3	CONTROLLER ASSEMBLY, VALVE	710085-1		1	61	\$	42 076.00	NC	NC	\$	56 919.00	\$	49 497.50	\$	49 497.50
495	P3	HOUSING ASSY, PUMP	727785-1		1	61	\$	95 196.00	NC	NC	\$	108 588.00	\$	101 892.00	\$	101 892.00
496	P3	CIRCUIT CARD ASSEMBLY	836-327		1	24	\$	206.68	NC	NC	\$	1 967.90	\$	1 087.29	\$	1 087.29
497	P3	POWER SUPPLY	8T88GAH1		2	24	\$	22 233.00	\$	22 241.00	\$	21 996.00	\$	22 156.67	\$	44 313.33
498	P3	FUSE, HYDRAULIC SYSTEM	900-8-30		1	29	\$	3 273.15	\$	3 273.15	\$	2 424.39	\$	2 990.23	\$	2 990.23
499	P3	STRUT SUB ASSEMBLY	901918-105		1	29	\$	182 132.00	\$	350 000.00	NC	NC	\$	266 066.00	\$	266 066.00
500	P3	INDICATOR, RATE	A26877-10-001		1	31	\$	8 995.00	NC	NC	\$	8 900.00	\$	8 947.50	\$	8 947.50
501	P3	VALVE ASSEMBLY, FUEL TANK	AV16E1131B		1	28	\$	10 521.43	NC	NC	\$	9 581.00	\$	10 051.22	\$	10 051.22
502	P3	GAGE DIFFERENTIAL DIAL IND	AW2-53A1		1	31	\$	8 238.01	\$	6 174.82	\$	12 535.55	\$	12 535.55	\$	12 535.55
503	P3	RELAY	B-124VL		3	24	\$	18 305.00	\$	9 369.00	\$	43 317.00	\$	43 317.00	\$	129 951.00
504	P3	RELAY, ELECTROMAGNETIC	BER276		1	24	\$	1 220.00	NC	NC	NC	NC	\$	1 220.00	\$	1 220.00
505	P3	VALVE, BUTTERFLY	BYLB50495-1		1	OUTROS	\$	8 058.60	NC	NC	\$	15 362.00	\$	11 710.30	\$	11 710.30
506	P3	BEACON, SONAR	DK120		1	23	\$	928.88	\$	959.71	\$	959.71	\$	949.43	\$	949.43
507	P3	ACTUADOR, ELECTRO-MECHANICAL	DL1326M39-4		7	24	\$	565.00	\$	11 774.41	\$	1 816.92	\$	4 718.78	\$	33 031.44
508	P3	ACTUATOR, ELECTRO-MECHANICAL, LINEAR	DL1326M39-5		3	24	\$	12 148.47	\$	41 400.00	\$	20 295.00	\$	24 614.49	\$	73 843.47
509	P3	ACTUATOR, ELECTRO-MECHANICAL, LINE	DL1326M40-4		5	24	\$	8 486.00	NC	NC	\$	8 035.47	\$	8 260.74	\$	41 303.68
510	P3	VALVE, CABIN COMPRESS	DYL25858-1		4	21	\$	7 472.00	\$	12 384.00	\$	7 400.00	\$	9 085.33	\$	36 341.33



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511	P3	LIGHT ASSEMBLY, LAND	GR8895-1	16	33	\$	13,412.52	\$	13,312.19	\$	12,724.94	\$	13,149.88	\$	210,398.13
512	P3	INDICATOR,TEMPERATURE/ELECTRICAL	JG165A	2	31	\$	26,978.00	\$	NC	\$	26,641.00	\$	26,809.50	\$	53,619.00
513	P3	MOTOR,HYDRAULIC	MF69-3906-30BCD4	1	29	\$	8,446.00	\$	NC	\$	11,262.00	\$	9,854.00	\$	9,854.00
514	P3	TRANSMITTER,PRESSURE	MS28131-12T	3	46	\$	2,078.15	\$	2,372.54	\$	2,099.81	\$	2,183.50	\$	6,550.50
515	P3	TRANSMITTER,PRESSURE	MS28131-8T	6	46	\$	2,409.29	\$	2,486.85	\$	2,630.23	\$	2,508.79	\$	15,052.74
516	P3	ACTUATOR,ELECTRO-MECHANICAL	RL596M5	12	27	\$	9,279.60	\$	6,585.15	\$	26,834.00	\$	26,834.00	\$	322,008.00
517	P3	INDICATOR,ANGLE	SL29028G	2	31	\$	NC	\$	NC	\$	4,128.00	\$	5,128.00	\$	10,256.00
518	P3	BRAKE,WING FLAP	SP15569-3	4	27	\$	25,403.00	\$	NC	\$	25,134.00	\$	25,268.50	\$	101,074.00
519	P3	INDICATOR,PRESSURE	SR5E	1	31	\$	6,138.00	\$	NC	\$	5,812.49	\$	5,975.25	\$	5,975.25
520	P3	TRANSMITTER OIL PRESSURE	ST104E	1	80	\$	1,864.17	\$	NC	\$	NC	\$	1,864.17	\$	1,864.17
521	P3	CYLINDER ASSEMBLY,ACTUATING,LINE	1616-5	3	32	\$	19,626.00	\$	NC	\$	19,753.00	\$	19,694.50	\$	59,083.50
522	P3	GEAR CASE ASSEMBLY	917771-1	1	32	\$	1,652.62	\$	NC	\$	2,279.15	\$	1,965.89	\$	1,965.89
523	P3	LANDING GEAR ASSY	901027-109	3	32	\$	157,130.00	\$	350,000.00	\$	NC	\$	253,565.00	\$	760,695.00
524	P3	M/G,RETRACTABLE	937958-103	8	32	\$	82,826.98	\$	NC	\$	149,476.00	\$	116,151.49	\$	929,211.92
525	P3	RIM,WHEEL,PNEUMATIC,TIRE	3-1267-1	1	32	\$	7,170.00	\$	22,000.00	\$	NC	\$	14,585.00	\$	14,585.00
526	P3	CONTROL ASSEMBLY,SP	6871122	1	72	\$	12,356.00	\$	NC	\$	11,217.00	\$	11,786.50	\$	11,786.50
527	P3	CONTROL ASSEMBLY,VALVE,PROPELLER	710085-3	1	72	\$	42,076.00	\$	NC	\$	56,919.00	\$	49,497.50	\$	49,497.50
528	P3	FUEL CONTROL,MAIN TURBINE ENGINE	6893550	3	28	\$	74,670.00	\$	NC	\$	59,635.00	\$	67,137.50	\$	201,412.50
529	P3	FUEL CONTROL,STARTING TURBINE EN	124536-5	3	28	\$	6,397.38	\$	NC	\$	NC	\$	6,397.38	\$	19,192.14
530	P3	GEARSHAFT,MULTIPLE GEARS	733864-1	1	OUTROS	\$	20,195.00	\$	NC	\$	28,488.00	\$	24,341.50	\$	24,341.50
531	P3	GENERATOR,ALTERNATING CURRENT	28895-1DS-V	3	24	\$	31,000.00	\$	NC	\$	85,391.00	\$	58,195.50	\$	174,586.50
532	P3	GENERATOR,ALTERNATING CURRENT	28895-45A	3	24	\$	24,542.00	\$	25,313.00	\$	87,136.00	\$	87,106.00	\$	261,318.00
533	P3	HOUSING AND INSERT	537002	1	53	\$	16,716.00	\$	NC	\$	27,935.00	\$	22,325.50	\$	22,325.50
534	P3	VALVE,TEMPERATURE,DATUM	330508-2	1	28	\$	19,672.00	\$	NC	\$	32,659.00	\$	26,170.50	\$	26,170.50
535	P3	ACCUMULATOR,PNEUMATIC	23711463	2	36	\$	526.04	\$	NC	\$	1,354.78	\$	940.41	\$	1,880.82
536	P3	ACTUATOR, WINDSHIELD	C2-96000-8	3	53	\$	1,099.00	\$	1,099.00	\$	1,544.00	\$	1,544.00	\$	4,632.00
537	P3	AIR MULTIPPLIER ASSEMBLY	2215790-2-1	7	53	\$	79,233.00	\$	NC	\$	22,138.00	\$	50,670.50	\$	354,693.50
538	P3	BLEED VALVE AIR	644673-101	1	53	\$	1,440.00	\$	NC	\$	NC	\$	1,440.00	\$	1,440.00
539	P3	BOOSTER, HYDRAULIC	901559-111	1	29	\$	48,000.00	\$	48,000.00	\$	NC	\$	48,000.00	\$	48,000.00
540	P3	BOOSTER, HYDRAULIC ALLERON	901559-113	3	27	\$	110,403.70	\$	NC	\$	267,992.00	\$	189,197.85	\$	567,593.55
541	P3	BOOSTER,HYDRAULIC	938001-105	1	29	\$	44,786.00	\$	44,786.00	\$	44,234.00	\$	44,622.00	\$	44,622.00
542	P3	BOOSTER,HYDRAULIC	938005-111	1	29	\$	258,843.00	\$	NC	\$	259,241.00	\$	259,042.00	\$	259,042.00
543	P3	BOOSTER,HYDRAULIC RUDDER	938001-111	3	27	\$	152,326.00	\$	NC	\$	150,727.00	\$	151,516.50	\$	454,549.50
544	P3	CYLINDER ASSEMBLY, ACTUATING, LINE	902607-1	4	29	\$	7,313.00	\$	7,313.00	\$	10,743.00	\$	10,743.00	\$	42,922.00
545	P3	CYLINDER ASSEMBLY, ACTUATING, LINEAR	60032	3	29	\$	4,608.74	\$	4,608.74	\$	13.02	\$	3,076.83	\$	9,230.50
546	P3	CYLINDER ASSY ALLERON	901572-3	3	27	\$	NC	\$	NE	\$	16,154.00	\$	16,154.00	\$	48,462.00
547	P3	CYLINDER ASSY, ACTUATING, N/G UPLOCK RELEASE	668248-1	4	32	\$	NE	\$	NE	\$	9,849.87	\$	9,849.87	\$	39,399.48
548	P3	CYLINDER ASSY, SHOCK STRUT, N/G	901670-1	1	32	\$	NE	\$	NE	\$	97,925.11	\$	97,905.11	\$	97,905.11
549	P3	FAN, VANE AXIAL	644859-1	2	72	\$	4,056.70	\$	NC	\$	10,440.00	\$	7,248.35	\$	14,496.70
550	P3	FAN,CENTRIFUGAL	517005-1	1	72	\$	2,559.15	\$	NC	\$	2,897.99	\$	2,728.57	\$	2,728.57
551	P3	MANIFOLD,HYDRAULIC SYSTEM ACCESSORIES	1339-56955M1	3	17	\$	20,061.00	\$	20,061.00	\$	20,456.00	\$	20,192.67	\$	60,578.00
552	P3	MANIFOLD,HYDRAULIC SYSTEM ACCESSORIES	H60H0409M1	3	17	\$	22,234.00	\$	22,234.00	\$	81,535.00	\$	81,505.00	\$	244,515.00
553	P3	PUMP	311540	3	28	\$	27,363.13	\$	NC	\$	5.06	\$	13,684.10	\$	41,052.29
554	P3	PUMP,ROTARY	022489-055-02	3	28	\$	16,838.00	\$	NC	\$	25,979.00	\$	21,408.50	\$	64,225.50

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555	P3	PUMP, ROTARY	9302A3	4	28	\$	10.512,00	NC	\$	12.803,00	\$	11.657,50	\$	46.630,00	
556	P3	SHOCK STRUT ASSY - NLG	901917-1	3	32	\$	82.470,90	NC	NC	NC	\$	82.470,90	\$	247.412,70	
557	P3	UPLOCK ASSY MGL, RH	903252-2	1	32	\$	1.200,00	NC	NC	NC	\$	1.200,00	\$	1.200,00	
558	P3	UPLOCK ASSY, MGL LH	910573-1	2	32	\$	2.736,00	NC	NC	NC	\$	2.736,00	\$	5.472,00	
559	P3	UPLOCK ASSY, MGL RH	910573-2	1	32	\$	2.820,00	NC	NC	NC	\$	2.820,00	\$	2.820,00	
560	P3	AFTERBODY ASSEMBLY	738875-1	1	72	\$	10.148,68	NC	\$	18.499,00	\$	14.323,84	\$	14.323,84	
561	P3	AFTERBODY ASSEMBLY, PROP	738879-1	1	72	\$	10.148,68	NC	\$	7.997,00	\$	9.072,84	\$	9.072,84	
562	P3	AFTERBODY PROPELLER	738336-1	3	72	\$	34.746,00	\$	34.746,00	\$	29.664,00	\$	33.052,00	\$	99.156,00
563	P3	BLADE ASSEMBLY	A7121B-2	2	72	\$	20.521,69	NC	NC	\$	58.083,00	\$	39.302,35	\$	78.604,69
564	P3	CONTROL ASSEMBLY	6809586	3	72	\$	4.780,00	NC	NC	\$	60.178,00	\$	32.479,00	\$	97.437,00
565	P3	CONTROL ASSEMBLY	7854872	1	72	\$	12.356,00	NC	\$	11.217,00	\$	11.786,50	\$	11.786,50	
566	P3	CONTROL, PROPELLE	597946	4	72	\$	597.946,00	NC	\$	631,14	\$	299.288,57	\$	1.197.154,28	
567	P3	DOME ASSY	6840993	1	72	\$	1.187,60	\$	1.187,60	\$	1.691,25	\$	1.691,25	\$	1.691,25
568	P3	DOME ASSY, PROPELLER	737199-1	2	72	\$	15.674,91	NC	NC	\$	-	\$	7.837,46	\$	15.674,91
569	P3	FUEL CONTROL, MAIN, TURBINE ENGINE	6893608	3	28	\$	74.670,00	NC	\$	59.605,00	\$	67.137,50	\$	201.412,50	
570	P3	PITCH LOCK, REGULATOR	558279	1	72	\$	7.941,00	NC	\$	12.515,00	\$	10.228,00	\$	10.228,00	
571	P3	PROPELLER	54H60-77	6	72	\$	461.400,00	NC	\$	456.807,00	\$	459.103,50	\$	2.754.621,00	
572	P3	SLEEVE, ROTATING ASSEMBLY	583679	1	72	\$	16.184,00	NC	\$	16.392,00	\$	16.288,00	\$	16.288,00	
573	P3	SPINNER, PROPELLER	553543	1	72	\$	12.543,00	NC	\$	27.709,00	\$	20.126,00	\$	20.126,00	
574	P3	SPINNER, PROPELLER	740174-1	1	72	\$	16.904,00	NC	\$	16.141,00	\$	16.522,50	\$	16.522,50	
575	P3	STARTER, ENGINE, ELECTRICAL	372697-10	8	24	\$	5.007,00	NC	\$	4.290,00	\$	4.648,50	\$	37.188,00	
576	P3	TANK UNIT	391072-02753	1	28	\$	5.273,50	\$	4.300,00	\$	5.220,04	\$	4.931,18	\$	4.931,18
577	P3	TANK UNIT	391074-01748	3	28	\$	1.367,39	\$	1.350,00	\$	274,00	\$	997,13	\$	2.991,39
578	P3	TANK UNIT	391075-02747	1	28	\$	1.343,48	\$	4.340,19	\$	5.772,57	\$	5.772,57	\$	5.772,57
579	P3	VALVE ASSEMBLY, CONTROL	330508-1	2	28	\$	19.672,00	NC	\$	32.669,00	\$	26.170,50	\$	52.341,00	
580	P3	ACCUMULATOR, HYDRAULIC	1356-633002	3	29	\$	17.760,00	\$	20.292,19	\$	16.816,33	\$	18.289,51	\$	54.868,52
581	P3	ACCUMULATOR, PNEUMATIC	23711462	2	36	\$	328,68	NC	\$	1.300,23	\$	814,46	\$	1.628,91	
582	P3	BOOSTER ASSY ELEVATOR	938005-105	1	27	\$	285.439,00	\$	285.439,00	\$	165.723,00	\$	245.533,67	\$	245.533,67
583	P3	BOOSTER, HYDRAULIC	938001-101	1	29	\$	51.734,00	NC	NC	\$	44.294,00	\$	48.014,00	\$	48.014,00
584	P3	BOOSTER, HYDRAULIC	938005-101	1	29	\$	182.835,66	NC	\$	179.477,00	\$	181.156,33	\$	181.156,33	
585	P3	BOOSTER, HYDRAULIC	937857-105	1	29	\$	182.835,66	NC	\$	44.294,00	\$	113.564,83	\$	113.564,83	
586	P3	BOOSTER-HYDRAULIC ELEVATOR	901561-113	3	27	\$	289.504,00	NC	NC	\$	282.300,00	\$	285.902,00	\$	857.706,00
587	P3	BOSTER ASSY RUDDER	901560-113	3	27	NE	NE	NC	NC	\$	44.294,00	\$	44.294,00	\$	132.882,00
588	P3	BRAKE ASSY MGL WHEEL	670835-101	12	32	NE	NE	NC	NC	\$	25.161,00	\$	25.161,00	\$	301.932,00
589	P3	COMPRESSOR UNIT, RECIPROCATING	130R1903-4	3	36	\$	6.090,14	NC	NC	\$	16.570,00	\$	11.330,07	\$	33.990,21
590	P3	CONTROL VALVE	37200-301	2	53	\$	33.342,00	NC	NC	NC	\$	33.342,00	\$	66.684,00	
591	P3	CONTROLLER, AIR PRESSURE, AIRCRAFT CABIN	102210-16-1	1	36	\$	13.680,00	\$	12.684,00	\$	13.950,00	\$	13.438,00	\$	13.438,00
592	P3	COOLER ASSY N°1	919324-1	5	28	\$	143,02	NC	NC	NC	\$	143,02	\$	715,10	
593	P3	COOLER ASSY N°2	919325-1	4	28	\$	222,95	NC	NC	NC	\$	222,95	\$	891,80	
594	P3	CYLINDER AND VALVE	1084-514	1	29	\$	1.858,00	NC	NC	\$	2.461,00	\$	2.159,50	\$	2.159,50
595	P3	CYLINDER ASSEMBLY, ACTUATING, LINE	915640-1	3	29	\$	14.154,60	NC	NC	\$	23.334,00	\$	18.744,30	\$	56.232,90
596	P3	CYLINDER ASSEMBLY, ACTUATING, LINE	802275-1	3	29	\$	26.203,00	\$	26.203,00	\$	38.999,00	\$	38.999,00	\$	116.997,00

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597	P3	CYLINDER ASSY ELEVATOR	901574-3	3	27	NE		NC	\$	122,056.00	\$	122,066.00	\$	366,198.00	
598	P3	CYLINDER COMPRESSD GAS	MS2645A1X0514W	2	36	\$	1,262.67	NC		NC				2,525.34	
599	P3	ELEVATOR BOOSTER QUADRANT	921988-1	1	27	NE		NC	\$	29,646.00	\$	29,646.00	\$	29,646.00	
600	P3	ELEVATOR HYDRAULIC ASSY	938004-111	1	27	NC		NC	\$	159,759.00	\$	159,769.00	\$	159,769.00	
601	P3	GEARBOX	00358-507	3	72	\$	6,672.61	NC	\$	59,753.00	\$	33,217.81	\$	99,653.42	
602	P3	HEAT EXCHANGER AIR TO AIR AIRCRA	181880-1-1	3	72	\$	19,360.80	NC	\$	53,133.00	\$	36,276.90	\$	108,830.70	
603	P3	HYDRAULIC ALIERON	938002-111	1	27	\$	132,837.00	NC	\$	107,476.00	\$	120,156.50	\$	120,156.50	
604	P3	HYDRAULIC ASSY BOOSTER ALIERON	938002-107	1	27	NE		NC	\$	39,780.00	\$	39,780.00	\$	39,780.00	
605	P3	MAIN PUMP	9303A3	3	28	\$	6,350.00	NC	\$	6,304.00	\$	6,327.00	\$	18,981.00	
606	P3	MANIFOLD CABIN AIR	934630-101	3	17	\$	7,303.57	NC	\$	919.10	\$	4,111.34	\$	12,334.01	
607	P3	MOTOR WIPER WINDSHI	C2-96300-8	3	53	\$	22,530.00	\$	22,530.00	\$	22,974.00	\$	22,678.00	\$	68,034.00
608	P3	PUMP HYDRA	100-849-33	3	29	\$	32,070.00	\$	33,077.00	\$	32,702.00	\$	32,616.33	\$	97,849.00
609	P3	PUMP UNIT RECIPROCATING	607618-1	3	28	\$	40,380.00	NC	\$	39,951.00	\$	40,165.50	\$	120,496.50	
610	P3	PUMP ROTARY	9301-A3	3	28	\$	2,060.00	NC	\$	25,132.00	\$	13,596.00	\$	40,788.00	
611	P3	PUMP ROTARY	9303A5	3	28	\$	6,620.00	NC	\$	6,551.00	\$	6,585.50	\$	19,756.50	
612	P3	REGULATOR	14950-17	2	35	\$	3,433.00	NC	\$	3,433.00	\$	3,433.00	\$	6,866.00	
613	P3	REGULATOR OXYGEN	14950-26	12	35	\$	13,573.00	\$	13,573.00	\$	26,323.00	\$	26,323.00	\$	315,876.00
614	P3	REGULATOR OXYGEN DILUTER DEMAND	14950-26A	6	35	\$	14,950.00	\$	13,573.00	\$	26,323.00	\$	26,323.00	\$	157,938.00
615	P3	REGULATOR OXYGEN DILUTER DEMAND	14950-7B	1	35	\$	12,138.00	NC	\$	26,323.00	\$	19,230.50	\$	19,230.50	
616	P3	RESERVOIR ASSY FAB HYDR 5 GAL	801280-1	1	29	NC		NC	\$	8,148.28	\$	8,148.28	\$	8,148.28	
617	P3	RESERVOIR ASSY FAB HYD 1 GAL	801293-1	1	29	NC		NC	\$	3,545.29	\$	3,545.29	\$	3,545.29	
618	P3	RUDDER BOOSTER HYDRAULIC ASSY	938000-107	1	29	NC		NC	\$	40,096.00	\$	40,096.00	\$	40,096.00	
619	P3	SEPARATOR WATER AIRCRAFT AIR CON	181890-2-1	2	53	\$	239.40	NC	\$	707.17	\$	473.29	\$	946.57	
620	P3	SERVOVALVE HYDRAULIC	906016-101	2	29	\$	9,428.00	NC	\$	16,567.00	\$	12,997.50	\$	25,995.00	
621	P3	SWCT. PRESSURE	90006	3	29	\$	382.64	NC	\$	127.88	\$	255.26	\$	765.78	
622	P3	SWCTH. PRESSURE	90005	3	29	\$	49.78	\$	59.00	\$	1,478.96	\$	1,478.96	\$	4,436.88
623	P3	SWCTH. PRESSURE	1053	7	29	\$	206.55	NC	\$	8.45	\$	107.50	\$	752.50	
624	P3	TANK UNIT	EA1091A2015	3	28	\$	3,546.00	NC	\$	3,616.00	\$	3,581.00	\$	10,743.00	
625	P3	TANK UNIT	EA1091A2024	3	28	\$	3,764.00	NC	\$	4,033.00	\$	3,898.50	\$	11,695.50	
626	P3	TURBINE AIRCRAFT COOLING	204770-1-1	3	36	\$	31,617.00	NC	\$	31,336.00	\$	31,476.50	\$	94,429.50	
627	P3	VALVE ASSEMBLY	502500-1	2	29	\$	5,812.90	\$	6,676.84	\$	12,819.68	\$	12,819.68	\$	25,639.36
628	P3	VALVE ASSEMBLY DUAL HYDRABRAKE CABLE OP	668281-11	2	29	\$	25,361.00	NC	\$	25,092.00	\$	25,226.50	\$	50,453.00	
629	P3	VALVE ASSEMBLY MANIFOLD	B40831-1	4	17	\$	13,798.16	\$	13,798.16	\$	14,396.04	\$	13,997.45	\$	55,999.81
630	P3	VALVE GLOBE	A90161-2	1	53	\$	65.73	NC		NC		65.73	\$	65.73	
631	P3	VALVE GLOBE	A90162-3	4	53	\$	376.00	NC	\$	1,410.00	\$	893.00	\$	3,572.00	
632	P3	VALVE NEEDLE	3-1264-4-2	2	53	\$	3,500.00	\$	3,500.00	NC		3,500.00	\$	7,000.00	
633	P3	VALVE RELIEF IN-LINE, HYD SYS	668271-5	1	29	\$	308.14	\$	614.40	\$	626.80	\$	516.45	\$	516.45
634	P3	VALVE BUTTERFLY	41D110	1	53	\$	6,980.40	NC	\$	13,106.00	\$	10,043.20	\$	10,043.20	
635	P3	VALVE CALIBRATED FLOW	MS28886-8-4	4	53	\$	308.69	NC	\$	1,496.19	\$	902.44	\$	3,609.74	
636	P3	VALVE GLOBE	1-1160-10	5	53	\$	142.70	NC	\$	3,839.88	\$	2,016.29	\$	10,081.45	
637	P3	VALVE GLOBE	9-755-2	2	53	\$	247.84	NC	\$	1,124.52	\$	686.18	\$	1,372.36	
638	P3	VALVE LINEAR DIRECTIONAL CONTROL	3053593-1-1	2	53	\$	40,553.00	\$	40,553.00	\$	41,353.00	\$	40,819.67	\$	81,639.33

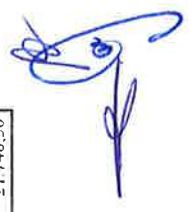
639	P3	VALVE, REDUCING, HYD PRESSURE	669419-1	2	29	NC	NC	NC	\$	5,366.00	\$	5,366.00	\$	5,366.00	\$	10,732.00	
640	P3	VALVE, REGULATING, FLUID PRESSURE	68-13A	2	29	\$	1,566.33	NC	\$	6,693.29	\$	6,693.29	\$	4,129.81	\$	8,259.62	
641	P3	VALVE, REGULATING, FL	10700-5	3	29	\$	1,353.96	\$	1,353.96	\$	33,101.15	\$	33,101.15	\$	33,101.15	\$	99,303.45
642	P3	VALVE, RESTRICTOR CHECK	H59C0028	4	29	\$	134.99	NC	\$	2,836.97	\$	2,836.97	\$	1,485.98	\$	5,943.92	
643	P3	VALVE, SAFETY RELIEF	219815	5	29	\$	2,357.00	\$	2,296.02	\$	3,450.15	\$	3,450.15	\$	3,450.15	\$	17,250.75
644	P3	VALVE, SAFETY RELIEF	840892-01	2	29	\$	1,127.53	NC	\$	5,685.83	\$	5,685.83	\$	3,406.68	\$	6,813.36	
645	P3	VALVE, SAFETY, CABIN	103140-3	5	36	\$	8,938.00	\$	8,944.00	\$	9,796.00	\$	9,796.00	\$	9,226.00	\$	46,130.00
646	P3	VALVE, SELECTOR LG	3055570-1-1	1	32	\$	38,115.00	\$	38,115.00	\$	38,866.00	\$	38,866.00	\$	38,365.33	\$	38,365.33
647	P3	VALVE, WINDSHIELD WI	3-1864-4-2	1	56	\$	1,007.78	\$	1,007.78	\$	995.07	\$	995.07	\$	1,003.54	\$	1,003.54
648	P3	VALVE, AIR	41C220-53	1	36	\$	12,350.00	\$	4,430.00	\$	15,263.00	\$	15,263.00	\$	10,681.00	\$	10,681.00
649	P3	VALVE, BALL	3-116845	2	53	\$	2,614.96	NC	\$	2,688.80	\$	2,688.80	\$	2,651.88	\$	5,303.76	
650	P3	VALVE, BUTTERFLY	38E45-4A	8	53	\$	19,877.00	NC	\$	30,525.00	\$	30,525.00	\$	25,201.00	\$	201,608.00	
651	P3	VALVE, BUTTERFLY	392200-11-1	4	53	\$	23,703.00	\$	15,000.00	\$	30,525.00	\$	30,525.00	\$	23,076.00	\$	92,304.00
652	P3	VALVE, CALIBRATED FLOW	MS28886-4-1-2	4	53	\$	1,011.97	NC	\$	1,107.21	\$	1,107.21	\$	1,059.59	\$	4,238.36	
653	P3	VALVE, CHECK	3442	5	53	\$	1,324.41	NC	\$	75.25	\$	75.25	\$	699.83	\$	3,499.15	
654	P3	VALVE, CHECK	CV282-100-6	4	53	\$	272.52	NC	\$	2,375.87	\$	2,375.87	\$	1,324.20	\$	5,296.78	
655	P3	VALVE, COMPRESSOR BLEED	6809125	1	53	\$	849.73	\$	1,083.00	\$	852.51	\$	852.51	\$	928.41	\$	928.41
656	P3	VALVE, DIRECTIONAL FLAP	52730-2	2	28	\$	13,085.00	\$	13,085.00	\$	13,344.00	\$	13,344.00	\$	13,171.33	\$	26,342.67
657	P3	VALVE, LIFT-CHECK	48400-301	2	28	\$	4,987.25	\$	11,729.10	\$	19,841.51	\$	19,841.51	\$	19,841.51	\$	39,683.02
658	P3	VALVE, REGULATING, FLOW	9900-18-9	4	28	\$	2,233.94	NC	\$	7,801.40	\$	7,801.40	\$	5,017.67	\$	20,070.68	
659	P3	VALVE, REGULATING, FLUID PRESSURE	214033	5	28	\$	5,912.00	\$	5,912.00	\$	9.00	\$	9.00	\$	3,944.33	\$	19,721.67
660	P3	VALVE, REGULATING, FLUID PRESSURE	2300-4	1	28	\$	2,249.52	\$	2,249.52	\$	5,366.00	\$	5,366.00	\$	5,366.00	\$	5,366.00
661	P3	VALVE, REGULATING, SYSTEM PRESSURE	F103D000-15	4	28	\$	13,624.53	\$	15,755.47	\$	12,332.60	\$	12,332.60	\$	13,904.20	\$	55,616.80
662	P3	VALVE, SHUTTLE BRAKE	70304	5	32	\$	4,331.00	\$	4,183.00	\$	9,545.00	\$	9,545.00	\$	9,545.00	\$	47,725.00
663	P3	CYLINDER, COMPRESSED (FREON BOTTLE)	2911154	3	36	NC	NC	NC	NC	\$	5,294.00	\$	5,294.00	\$	5,294.00	\$	15,882.00
664	P3	ACTUATOR ASSY, ELEVATOR TRIM TAB LH	933137-101	1	27	\$	15,000.00	NC	NC	\$	15,000.00	\$	15,000.00	\$	15,000.00	\$	15,000.00
665	P3	ACTUATOR ASSY, ELEVATOR TRIM TAB RH	933137-103	3	27	\$	15,000.00	NC	NC	\$	15,000.00	\$	15,000.00	\$	15,000.00	\$	45,000.00
666	P3	ACTUATOR ASSY, TRIM TAB AILERON LH	933137-109	1	27	\$	800.00	NC	NC	\$	800.00	\$	800.00	\$	800.00	\$	800.00
667	P3	ACTUATOR ASSY, TRIM TAB AILERON RH	933137-111	1	27	\$	800.00	NC	NC	\$	800.00	\$	800.00	\$	800.00	\$	800.00
668	P3	ACTUATOR, MECHANICAL, LINEAR	SPL5568-3	4	27	\$	26,438.16	NC	NC	\$	70,469.00	\$	70,469.00	\$	48,453.58	\$	193,814.32
669	P3	BROMOCHLORODIFLUOR, TECH, HAND FIRE EXTING	898052	3	26	\$	1,022.84	\$	2,345.73	\$	967.46	\$	967.46	\$	1,445.34	\$	4,336.03
670	P3	CARTRIDGE, AIRCRAFT FIRE EXTINGUI	1660AS200	3	26	\$	2,479.79	\$	2,391.07	\$	2,114.80	\$	2,114.80	\$	2,328.55	\$	6,985.66
671	P3	CARTRIDGE, AIRCRAFT FIRE EXTINGUI	1660AS400	3	26	\$	843.69	\$	747.58	\$	1,941.56	\$	1,941.56	\$	1,941.56	\$	5,824.68
672	P3	CASE, DISCHARGE PUMP	112-597-1	3	26	\$	22,437.49	NC	NC	\$	22,154.66	\$	22,154.66	\$	22,296.08	\$	66,888.23
673	P3	CONTAINER AND VALVE	893020	3	26	\$	11,722.00	\$	4,632.00	\$	4,579.00	\$	4,579.00	\$	6,977.67	\$	20,933.00
674	P3	CONTAINER ASSY, FIRE	891450-01	4	26	\$	32,600.00	\$	33,393.00	\$	32,253.00	\$	32,253.00	\$	32,748.67	\$	130,994.67
675	P3	DAMPER ASSEMBLY	908914-7	3	53	\$	7,852.00	\$	6,343.06	\$	8,456.25	\$	8,456.25	\$	7,550.44	\$	22,651.31
676	P3	DAMPER ASSEMBLY	921874-1	3	53	\$	6,284.00	NC	NC	\$	6,641.61	\$	6,641.61	\$	6,462.81	\$	19,388.42
677	P3	GEARBOX, FLAP DRIVE	669553-103	3	27	\$	6,672.61	NC	NC	\$	59,763.00	\$	59,763.00	\$	33,217.81	\$	99,653.42
678	P3	PUMP ASSEMBLY, WATER AND ALCOHOL	6333-3	3	56	\$	2,921.40	NC	NC	\$	5,991.00	\$	5,991.00	\$	4,456.20	\$	13,368.60
679	P3	SEAT AIRCRAFT	4240-5	3	53	\$	52,606.00	NC	NC	\$	34,285.00	\$	34,285.00	\$	43,445.50	\$	130,336.50
680	P3	SEAT AIRCRAFT	4250-5	3	53	\$	34,661.00	NC	NC	\$	NC	\$	NC	\$	34,661.00	\$	103,983.00



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681	P3	SEAT AIRCRAFT	4245-5	5	53	\$	32,077.00	NC	\$	27,269.00	\$	29,673.00	\$	143,365.00	
682	P3	SEAT AIRCRAFT	4251-1	4	53	\$	8,572.00	NC	\$	1,97	\$	4,286.99	\$	17,147.94	
683	P3	SEAT AIRCRAFT	4251-3	4	53	\$	14,618.00	NC	\$	23,052.00	\$	18,855.00	\$	75,420.00	
684	P3	TANK WATER AIRCRAFT	933563-107	3	28	\$	699.14	NC	\$	2,960.36	\$	1,829.75	\$	5,489.25	
685	P3	TANK WINDSHIELD WAS	904623-1	3	28	\$	15,389.47	NC	\$	22,243.32	\$	18,816.40	\$	55,449.19	
686	P3	ADAPTER ASSEMBLY SP	6377-51	3	28	\$	1,839.95	NC	\$	5,315.36	\$	3,577.66	\$	10,732.97	
687	P3	CONTROL ASSEMBLY	6827963	3	28	\$	12,356.00	NC	\$	11,217.00	\$	11,786.50	\$	35,359.50	
688	P3	DRAIN VALVE (WING TANKS)	634232-1	3	28	\$	NC	NC	\$	5,091.30	\$	5,091.30	\$	15,273.90	
689	P3	FUEL SHUTOFF VALVE HOUSING ASSY	AV16F1103	3	28	\$	5,371.26	NC	\$	5,999.85	\$	5,685.56	\$	17,056.67	
690	P3	FUEL VENT VALVE	634245-15	3	28	\$	NC	NC	\$	20,487.00	\$	20,487.00	\$	61,461.00	
691	P3	FUELING TRANSFER VALVE ASSY	634243-1	3	28	\$	NC	NC	\$	19,040.00	\$	19,040.00	\$	57,120.00	
692	P3	FUELING/TRANSFER VALVE HOUSING	634243-3	3	28	\$	NC	NC	\$	21,865.49	\$	21,865.49	\$	65,596.47	
693	P3	LH FUEL VENT VALVE	634245-13	3	28	\$	NC	NC	\$	15,605.00	\$	15,605.00	\$	46,815.00	
694	P3	N° 5 TANK VALVE DUAL CHECK	634249-5	4	28	\$	NC	NC	\$	9,966.00	\$	9,966.00	\$	39,864.00	
695	P3	N° 5A FUEL BLADDER CELL ASSY	634244-101	3	28	\$	NC	NC	\$	41,762.00	\$	41,762.00	\$	125,286.00	
696	P3	PUMP CENTRIFUGAL	125027-100	3	28	\$	34,328.00	NC	\$	34,768.00	\$	34,548.00	\$	103,644.00	
697	P3	VALVE	25-6100	3	28	\$	1,953.35	NC	\$	3,977.38	\$	2,965.37	\$	8,896.10	
698	P3	VALVE ASSEMBLY	AV16B1609	3	28	\$	11,573.00	\$	11,573.00	\$	29,574.00	\$	29,574.00	\$	88,722.00
699	P3	VALVE ASSEMBLY CONTROL	6809574	2	28	\$	19,672.00	NC	\$	32,669.00	\$	26,170.50	\$	52,341.00	
700	P3	VALVE ASSEMBLY FUEL	AV16D1121B	3	28	\$	3,537.00	NC	\$	6,372.00	\$	4,954.50	\$	14,863.50	
701	P3	VALVE ASSEMBLY FUEL TANK	634035-9	3	28	\$	10,521.43	NC	\$	9,581.00	\$	10,051.22	\$	30,153.65	
702	P3	VALVE FUEL	315850-3	3	28	\$	2,146.80	NC	\$	5,993.10	\$	4,069.95	\$	12,209.85	
703	P3	VALVE CROSS	644673-105	4	28	\$	4,030.00	\$	4,030.00	\$	29,912.00	\$	29,912.00	\$	119,648.00
704	P3	VALVE CROSS	644673-51	3	28	\$	4,030.00	NC	\$	29,912.00	\$	16,971.00	\$	50,913.00	
705	P3	VALVE DRAIN FUEL	599-3	3	28	\$	351.93	NC	\$	1,943.04	\$	1,147.49	\$	3,442.46	
706	P3	VALVE FLOAT VENT	16-1058-251-2	3	28	\$	4,686.00	NC	\$	15,836.00	\$	10,261.00	\$	30,783.00	
707	P3	VALVE FLOAT VENT	6-256-251	4	28	\$	913.07	NC	\$	11,528.00	\$	6,220.54	\$	24,882.14	
708	P3	VALVE FUEL	25-6000	3	28	\$	264.83	NC	\$	17,939.87	\$	9,102.35	\$	27,307.05	
709	P3	VALVE FLOAT AIRCRAFT FUEL	1-559-101	3	28	\$	1,312.70	NC	\$	10,319.00	\$	5,815.85	\$	17,447.55	
710	P3	VALVE FLOAT VENT	16-1058-251-1	3	28	\$	15,303.00	NC	\$	15,605.00	\$	15,454.00	\$	46,362.00	
711	P3	VALVE FUEL	1-560-51	6	28	\$	4,147.96	NC	\$	3,891.95	\$	4,019.96	\$	24,119.73	
712	P3	VALVE FUEL SYSTEM	6814762	7	28	\$	1,774.00	NC	\$	4,708.31	\$	3,241.16	\$	22,688.09	
713	P3	VALVE FUEL SYSTEM	6471-1	4	28	\$	185.27	NC	\$	320.00	\$	252.64	\$	1,010.54	
714	P3	VALVE FUEL VENT	41D715	3	28	\$	3,338.23	NC	\$	3,132.20	\$	3,235.22	\$	9,705.65	
715	P3	INDICATOR TRIM	15103-3BA1	1	17	\$	NC	NC	\$	6,268.00	\$	6,268.00	\$	6,268.00	
716	P3	ACCELEROMETER ELECTRICAL LINEAR	3001-01-111	2	17	\$	9,588.58	\$	5,606.46	\$	10,688.70	\$	8,627.91	\$	17,255.83
717	P3	ACCELEROMETRO	428523-04	2	17	\$	19,180.00	\$	19,180.00	\$	NC	\$	19,180.00	\$	38,360.00
718	P3	ACCELEROMETRO	3419-5AA1	3	17	\$	6,434.57	\$	3,404.38	\$	2,924.57	\$	5,361.17	\$	16,083.52
719	P3	ACTUADOR ELECTRO-MECHANICAL ROTA	909T100	4	17	\$	1,775.00	NC	\$	2,923.00	\$	2,348.00	\$	9,392.00	
720	P3	ACTUATOR ELECTRO-MECHANICAL LINE	621T100	4	17	\$	3,680.80	NC	\$	23,821.00	\$	13,750.90	\$	55,003.60	
721	P3	ACTUATOR ELECTRO-MECHANICAL ROTA	15647-1A	4	17	\$	5,660.10	NC	\$	48,541.00	\$	27,100.55	\$	108,402.20	
722	P3	ACTUATOR ELECTRO-MECHANICAL ROTA	4020	6	17	\$	1,843.80	NC	\$	475.00	\$	1,159.40	\$	6,956.40	

723	P3	ACTUATOR ELECTRO-MECHANICAL,ROTA	908T100	6	17	\$	2,396,48	NC	\$	4,864,00	\$	3,630,24	\$	21,781,44	
724	P3	ACTUATOR ELECTRO-MECHANICAL, ROTARY	1034540	4	17	\$	5,140,00	NC	\$	10,719,00	\$	7,929,50	\$	31,718,00	
725	P3	ALTIMETER	671CR010	1	19	\$	3,000,00	\$	1,675,00	\$	11,695,00	\$	11,695,00	\$	11,695,00
726	P3	ALTIMETER,PRESSURE	671CLL14-035	6	19	\$	1,121,13	NC	\$	11,695,00	\$	6,408,07	\$	38,448,39	
727	P3	ALTIMETRO ELETRÔNICO	5621484-A	3	19	\$	59,602,00	NC	\$	NC	\$	59,602,00	\$	178,806,00	
728	P3	AMMETER	8AW43AAA221	1	19	\$	81,20	NC	\$	469,49	\$	275,35	\$	275,35	
729	P3	AMPLIFIER, ELECTRONIC CONTROL	522-1394-003	2	23	\$	538,54	NC	\$	4,293,00	\$	2,415,77	\$	4,831,54	
730	P3	AMPLIFIER,AUDIO FREQUENCY	7-552-7	2	23	\$	7,853,38	\$	7,853,38	\$	NC	\$	7,853,38	\$	15,706,76
731	P3	AMPLIFIER,ELECTRONIC CONTROL	23059686	2	23	\$	20,707,01	\$	9,893,00	\$	1,853,20	\$	10,817,74	\$	21,635,47
732	P3	ANTENNA	575050-1	2	17	\$	33,936,71	NC	\$	84,849,00	\$	59,392,86	\$	118,785,71	
733	P3	ANTENNA	9599-607-12352	4	17	\$	2,923,74	\$	3,277,63	\$	NC	\$	3,100,69	\$	12,402,74
734	P3	ANTENNA	9D20900-1	4	17	\$	1,498,00	NC	\$	1,419,09	\$	1,458,55	\$	5,834,18	
735	P3	ANTENNA	AT536ARN	1	17	\$	253,58	NC	\$	844,27	\$	548,93	\$	548,93	
736	P3	ANTENNA	DMN25-2	4	17	\$	882,87	\$	904,00	\$	NC	\$	893,44	\$	3,573,74
737	P3	ANTENNA 462A	622-7383-001	5	17	\$	3,156,00	\$	2,849,00	\$	NC	\$	3,002,50	\$	15,012,50
738	P3	ANTENNA AT536ARN	91D13159	1	17	\$	655,33	NC	\$	844,27	\$	749,80	\$	749,80	
739	P3	ANTENNA DF	597-2147-201	3	17	\$	30,738,40	\$	30,738,40	\$	NC	\$	30,738,40	\$	92,215,20
740	P3	ANTENNA MARKER	DMN27-7	4	17	\$	1,179,71	NC	\$	NC	\$	1,179,71	\$	4,718,84	
741	P3	ANTENNA, ARRAY-WEATHER RDR	4000525-1812	4	17	\$	7,796,51	NC	\$	5,170,10	\$	6,483,31	\$	25,933,22	
742	P3	ANTENNA-GPS	20-27ECK4	4	17	\$	3,167,75	\$	3,167,75	\$	NC	\$	3,167,75	\$	12,671,00
743	P3	BATTERY BOX	158750-01-01	4	24	\$	2,712,06	NC	\$	5,945,08	\$	4,328,57	\$	17,314,28	
744	P3	BATTERY UNIT	A3004991	4	24	\$	5,771,40	NC	\$	9,613,00	\$	7,692,20	\$	30,768,80	
745	P3	BATTERY, WET, PRIMARY	GE-50C	1	24	\$	330,00	\$	695,45	\$	NC	\$	512,73	\$	512,73
746	P3	BATTERY STORAGE	40109-1	3	24	\$	10,984,50	\$	9,974,56	\$	NC	\$	10,479,53	\$	31,438,59
747	P3	BOX, INTERCONNECTING	449204-1	5	24	\$	7,747,17	NC	\$	19,659,00	\$	13,703,09	\$	68,515,43	
748	P3	BOX-RELAY	AL23-3240-26	3	24	\$	4,755,24	\$	4,755,24	\$	NC	\$	4,755,24	\$	14,265,72
749	P3	BOX-RELAY	AL23-3240-26/MODVER0	3	24	\$	4,756,00	NC	\$	NC	\$	NC	\$	14,268,00	
750	P3	CIRCUIT CARD ASSEMBLY	836-323	3	24	\$	2,705,00	NC	\$	3,222,10	\$	2,963,55	\$	8,890,65	
751	P3	CLOCK	400202	2	24	\$	1,905,64	\$	2,832,79	\$	1,622,89	\$	2,120,44	\$	4,240,88
752	P3	CLOCK	A13A1	3	24	\$	1,032,75	NC	\$	NC	\$	1,032,75	\$	3,098,25	
753	P3	CLOCK, AIRCRAFT, MECHANICAL	400216	1	24	\$	2,35	NC	\$	2,091,06	\$	1,046,71	\$	1,046,71	
754	P3	CLOCK,AIRCRAFT,MECHANICAL	CD1A	5	24	\$	1,164,00	NC	\$	1,490,00	\$	1,327,00	\$	6,635,00	
755	P3	CLOCK,AIRCRAFT,MECHANICAL	E57500	1	24	\$	260,40	NC	\$	460,00	\$	360,20	\$	360,20	
756	P3	COMPASS,MAGNET	MS17983-2	1	19	\$	551,75	NC	\$	593,86	\$	572,81	\$	572,81	
757	P3	COMPUTER, NAVIGATIONAL	CP632ASN42	3	19	\$	20,208,00	NC	\$	33,421,00	\$	26,814,50	\$	80,443,50	
758	P3	COMPUTER,AIR DATA	497340-01-01	1	19	\$	100,258,07	\$	100,258,07	\$	NC	\$	100,258,07	\$	100,258,07
759	P3	CONTROL BOX ASSEMBLY	60A82D1	1	19	\$	293,75	NC	\$	444,90	\$	369,33	\$	369,33	
760	P3	CONTROL BOX, SONAR	929512-101	1	19	\$	374,31	NC	\$	603,21	\$	488,76	\$	488,76	
761	P3	CONTROL BOX, ELECTRICAL, AIRCRAFT	2473-1B	5	17	\$	4,174,00	NC	\$	12,498,00	\$	8,336,00	\$	41,680,00	
762	P3	CONTROL BOX, ELECTRONIC, AIRCRAFT	588531-5	5	17	\$	19,602,00	NC	\$	9,332,00	\$	14,467,00	\$	72,335,00	
763	P3	CONTROL BOX, ELECTRONIC, AIRCRAFT	629292-1	5	17	\$	1,514,39	NC	\$	4,817,00	\$	3,165,70	\$	15,828,48	
764	P3	CONTROL BOX,ELECTRONIC,AIRCRAFT	5500055-2	5	17	\$	2,750,20	NC	\$	5,946,00	\$	4,348,10	\$	21,740,50	




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765	P3	CONTROL DISPLAY-MULTIPURP	100-601721-004SW8043	3	17	\$	133,647.13	NC	NC	\$	1,472.36	\$	133,647.13	\$	400,941.29
766	P3	CONTROL PANEL	928388-1	5	17	\$	1,491.15	NC	NC	\$	0.13	\$	5,037.09	\$	7,408.78
767	P3	CONTROL PANEL ARMAM	A241	5	17	\$	10,074.04	NC	NC	\$	27,569.00	\$	20,280.21	\$	81,120.84
768	P3	CONTROL PANEL TORPEDO	978267-103	4	17	\$	12,991.42	NC	NC	\$	19,890.00	\$	19,890.00	\$	99,450.00
769	P3	CONTROL PANEL INDEX	C19405EA	5	17	\$	18,890.00	NC	NC	\$	12,879.00	\$	15,681.67	\$	47,045.00
770	P3	CONTROL RADIO SET	622-8761-007	3	23	\$	14,666.00	\$	19,500.00	\$	4,676.00	\$	8,687.67	\$	43,438.33
771	P3	CONTROL UNIT	891234-300	5	17	\$	18,855.00	\$	2,532.00	\$	5,026.00	\$	4,126.85	\$	20,634.23
772	P3	CONTROL INTERPHONE	449202-5	5	17	\$	3,227.69	NC	NC	\$	5,026.00	\$	4,126.85	\$	20,634.23
773	P3	CONTROL INTERPHONE	C4163VAIC22V	5	17	\$	3,227.69	NC	NC	\$	3,193.35	\$	3,793.38	\$	1,896.88
774	P3	CONTROL LOCK	A155	5	17	\$	439.40	NC	NC	\$	NC	\$	8,025.25	\$	40,126.25
775	P3	CONTROL COMPUTER AHRS/AHCP	420-00346-200	5	17	\$	8,025.25	NC	NC	\$	NC	\$	31,544.07	\$	126,176.26
776	P3	CONTROL FOLLOW-UP AUTOMATIC PILOT	C16344AA	4	17	\$	33,943.97	\$	29,144.16	\$	39,000.00	\$	32,021.11	\$	96,063.33
777	P3	CONTROL INTERCOMMUNICATION SET	449204-2	3	17	\$	25,042.22	NC	NC	\$	12,177.00	\$	6,899.12	\$	34,495.60
778	P3	CONTROL LIGHT FLASH	927776-101	5	17	\$	1,621.24	NC	NC	\$	16,786.00	\$	8,555.90	\$	42,779.50
779	P3	CONTROL YOLUME	905269-1	5	17	\$	325.80	NC	NC	\$	NC	\$	4,221.33	\$	21,106.63
780	P3	CONTROL INDICATOR	980-6116-003	5	17	\$	4,630.03	\$	3,812.62	\$	2,135.00	\$	1,117.50	\$	5,587.50
781	P3	CONTROLLER NAVIGATO	C4061ASN42	5	23	\$	100.00	NC	NC	\$	30,647.00	\$	17,373.50	\$	17,373.50
782	P3	CONVERTER TRU	28VS200Y4	1	23	\$	4,100.00	NC	NC	\$	30,647.00	\$	30,647.00	\$	122,588.00
783	P3	CONVERTER TRU	MS28132-1	4	23	\$	4,100.00	\$	16,669.00	\$	467.98	\$	398.69	\$	398.69
784	P3	COUPLER ANTENNA	522-1117-004	1	23	\$	329.40	NC	NC	\$	3,856.05	\$	3,193.07	\$	3,193.07
785	P3	COUPLER DIRECTIONAL	CUT73AP880	1	23	\$	2,530.09	NC	NC	\$	6,716.00	\$	6,616.90	\$	33,084.50
786	P3	COUPLER ANTENNA	822-0981-001	5	23	\$	26,419.61	\$	26,419.61	\$	NC	\$	26,419.61	\$	133,098.05
787	P3	COUPLER DIRECTIONAL	405276-1	5	23	\$	2,530.09	NC	NC	\$	3,856.05	\$	3,193.07	\$	15,965.35
788	P3	DETECTING HEAD	DT239ASQ10	5	17	\$	6,517.80	NC	NC	\$	6,716.00	\$	6,616.90	\$	33,084.50
789	P3	DETECTOR ASSEMBLY	3124365	5	17	\$	10,116.00	NC	NC	\$	3,110.00	\$	6,613.00	\$	33,065.00
790	P3	DETECTOR ASSEMBLY	3124620	6	17	\$	308.78	\$	10,144.00	\$	10,903.00	\$	7,118.59	\$	42,711.56
791	P3	DETECTOR ASSEMBLY	644895-1	5	17	\$	2,492.40	NC	NC	\$	4,125.00	\$	3,308.70	\$	16,543.50
792	P3	DETECTOR FLAW ELECTRONIC	NDT-23N	4	23	\$	24,750.00	NC	NC	\$	24,750.00	\$	24,750.00	\$	99,000.00
793	P3	DISPLAY-EFIS	C19375HA01	1	17	\$	146,218.62	\$	146,218.62	\$	NC	\$	146,218.62	\$	146,218.62
794	P3	DISPLAY-EFIS	C19375HA02	1	17	\$	146,220.00	NC	NC	\$	NC	\$	146,220.00	\$	146,220.00
795	P3	DRIVE ANTENNA	4000504-0305	6	23	\$	39,500.83	\$	20,391.47	\$	11,351.62	\$	23,747.97	\$	142,487.84
796	P3	DUMMY LOAD ELECTRICAL	DA-148/U	1	17	\$	895.05	NC	NC	\$	913.28	\$	904.17	\$	904.17
797	P3	FLIGHT DATA	2243500-221	4	17	\$	49,992.70	\$	49,992.70	\$	NC	\$	49,992.70	\$	199,970.80
798	P3	FUEL FLOW INDICATOR	8DJ64GAX1	5	28	\$	2,667.00	\$	2,667.00	\$	18,370.00	\$	18,370.00	\$	91,850.00
799	P3	GAGE PRESSURE DIAL INDICATING	AW1 1-218H1	5	19	\$	511.51	NC	NC	\$	NC	\$	511.51	\$	2,557.55
800	P3	GENERATOR TACHOMETER	TG255-007	1	17	\$	929.21	NC	NC	\$	915.30	\$	922.26	\$	922.26
801	P3	GENERATOR REFERENCE SIGNAL	SG1009ASAT6	3	17	\$	36,799.00	NC	NC	\$	38,837.00	\$	37,818.00	\$	113,454.00
802	P3	GENERATOR TACHOMETER	2CM9AAH4	1	17	\$	979.25	\$	636.01	\$	629.96	\$	748.41	\$	748.41
803	P3	GENERATOR TACHOMETER	TG255-002	1	17	\$	665.34	\$	629.96	\$	764.45	\$	686.58	\$	686.58
804	P3	GROUND TEST AUTOPL	919282-1	6	17	\$	2,168.65	NC	NC	\$	11,136.20	\$	6,652.43	\$	39,914.55
805	P3	GYROSCOPE DISPLACEMENT	CN1054A	1	17	\$	30,563.40	NC	NC	\$	26,955.00	\$	28,759.20	\$	28,759.20
806	P3	GYROSCOPE DISPLACEMENT	140260-01-03	4	17	\$	31,309.13	NC	NC	\$	26,955.00	\$	29,132.07	\$	116,528.26

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807	P3	GYRO-SOLID	4825-50-03-01	3	17	\$ 25,096.77	NC	\$ 156,500.00	\$ 90,798.39	\$ 272,395.16
808	P3	HANDSET	405620A-THW	5	17	\$ 1,100.00	NC	NC	\$ 1,100.00	\$ 5,500.00
809	P3	INCLINOMETER	913175-1	1	17	\$ 540.00	NC	NC	\$ 540.00	\$ 540.00
810	P3	INDICADOR AIR SPEED	E07393-04-034	5	17	\$ 1,266.42	NC	\$ 4,623.00	\$ 2,944.71	\$ 14,723.55
811	P3	INDICADOR-INTEG ELEK STBY	C16221YA01	2	17	\$ 128,370.00	NC	NC	\$ 128,370.00	\$ 256,740.00
812	P3	INDICATOR	152B2	5	17	\$ 1,719.37	NC	\$ 5,245.58	\$ 3,482.48	\$ 17,412.38
813	P3	INDICATOR	162B2	5	17	\$ 4,958.00	NC	\$ 6,056.00	\$ 5,507.00	\$ 27,535.00
814	P3	INDICATOR AIR SPEED	739CU4-034	5	17	\$ 2,063.51	NC	\$ 4,623.00	\$ 3,343.26	\$ 16,716.28
815	P3	INDICATOR COUNTING	24110	5	17	\$ 625.87	NC	\$ 76.38	\$ 351.13	\$ 1,755.63
816	P3	INDICATOR PRESSURE	6800-C1C-44-A2	5	17	\$ 3,760.56	NC	NC	\$ 3,760.56	\$ 18,802.80
817	P3	INDICATOR PRESSURE	SR-3J	5	17	\$ 536.26	NC	\$ 6,687.88	\$ 3,612.07	\$ 18,060.35
818	P3	INDICATOR QUANTITY	EAI48ANH-95H	5	17	\$ 581.76	NC	NC	\$ 581.76	\$ 2,908.80
819	P3	INDICATOR BEARING	ID663BU	5	17	\$ 1,906.12	NC	\$ 4,224.00	\$ 3,065.06	\$ 15,325.30
820	P3	INDICATOR COUNTING	MS25448-1	5	17	\$ 4,000.00	NC	\$ 1,740.00	\$ 2,870.00	\$ 14,350.00
821	P3	INDICATOR ELECTRICAL TACHOMETER	8DJ81CAN1	5	17	\$ 2,256.00	\$ 2,256.00	NC	\$ 2,256.00	\$ 11,280.00
822	P3	INDICATOR INDUCTION COMPASS	18-1138	5	17	\$ 630.68	NC	\$ 1,339.00	\$ 984.84	\$ 4,924.20
823	P3	INDICATOR LIQUID QUANTITY	501100	5	17	\$ 4,884.09	NC	\$ 17,637.37	\$ 11,260.73	\$ 56,303.65
824	P3	INDICATOR LIQUID QUANTITY	634267-1	5	17	\$ 4,884.09	NC	\$ 17,637.37	\$ 11,260.73	\$ 56,303.65
825	P3	INDICATOR MULTIPLE AIR NAVIGATION	100-601721-004	3	17	\$ 109,856.53	NC	NC	\$ 109,856.53	\$ 329,569.59
826	P3	INDICATOR PRESSURE	626138-1	3	17	\$ 6,138.00	NC	\$ 5,812.49	\$ 5,975.25	\$ 17,925.74
827	P3	INDICATOR TEMPERATURE ELECTRICAL	206-0001-201	5	17	\$ 2,260.80	\$ 2,260.08	NC	\$ 2,260.44	\$ 11,302.20
828	P3	INERTIAL MEASUREMENT UNIT	1003U495-002	3	17	\$ 73,500.00	NC	NC	\$ 73,500.00	\$ 220,500.00
829	P3	INTERCONNECTING BOX	909596-1	5	23	\$ 5,016.66	NC	\$ 4,707.03	\$ 4,861.85	\$ 24,309.23
830	P3	INTERVALOMETER BOMB RELEASE	958677-107	5	23	\$ 11,777.00	NC	\$ 10,288.00	\$ 11,032.50	\$ 55,162.50
831	P3	INVERTER ROTARY	MGE93-200	6	17	\$ 3,820.00	\$ 3,820.00	\$ 11,527.00	\$ 11,527.00	\$ 69,162.00
832	P3	INVERTER POWER STATIC	1-002-0102-1016	4	17	\$ 21,766.05	\$ 19,379.00	NC	\$ 20,572.53	\$ 82,290.10
833	P3	INVERTER POWER STATIC	1B550-1B1	3	17	\$ 5,142.95	\$ 4,749.37	NC	\$ 4,946.16	\$ 14,838.48
834	P3	JACK BOX	178D000-3	5	OUTROS	\$ 76.29	NC	\$ 5,835.00	\$ 2,955.65	\$ 14,778.23
835	P3	LIGHT CROCKPIT AIRCRAFT	BDS-01082-507	5	17	\$ 1,007.60	NC	\$ 1,166.25	\$ 1,086.93	\$ 5,434.63
836	P3	LIGHT NAVIGATIONAL AIRCRAFT	30-1057-1	5	23	\$ 9,801.00	\$ 9,275.13	\$ 9,282.76	\$ 9,452.96	\$ 47,264.82
837	P3	LOUDSPEAKER	178D100-1	5	23	\$ 51.20	NC	\$ 1,179.44	\$ 615.32	\$ 3,076.60
838	P3	METER D-ICER EMPENNAGE	8AW6IL-ALL3	5	31	\$ 969.77	NC	\$ 6,182.03	\$ 3,575.90	\$ 17,879.50
839	P3	MICROCIRCUIT MEMORY	420-01867-700	1	23	\$ 2,813.91	\$ 2,007.97	NC	\$ 2,410.94	\$ 2,410.94
840	P3	MICROPHONE DYNAMIC	M-92CU	1	23	\$ 721.00	NC	\$ 730.62	\$ 725.81	\$ 725.81
841	P3	MODULE ELECTRONIQUE	C13040BA	3	23	\$ 55,216.94	\$ 68,243.66	NC	\$ 61,730.30	\$ 185,190.90
842	P3	MONITOR TRANSPONDER SET	GDS-382	5	23	\$ 3,063.32	\$ 2,741.90	\$ 2,343.49	\$ 2,716.24	\$ 13,581.18
843	P3	MOTOR GENERATOR	32B180-9B	5	17	\$ 4,063.24	NC	\$ 6,881.05	\$ 5,472.15	\$ 27,360.73
844	P3	MOTOR DIRECT CURRENT	A9381	5	17	\$ 807.49	NC	\$ 7,738.00	\$ 4,272.75	\$ 21,363.73
845	P3	MOTOR ALTERNATING CURRENT	56020	3	17	\$ 22,135.00	NC	\$ 451.90	\$ 11,293.45	\$ 33,880.35
846	P3	MOUNTING BASE ELECTRICAL EQUIPMENT	MT4534ARN98V	5	17	\$ 1.70	\$ 1,788.00	\$ 1,964.00	\$ 1,251.23	\$ 6,236.17
847	P3	MULTIMODE RECEIVE	5616016B	3	23	\$ 102,560.79	\$ 84,859.94	NC	\$ 93,710.37	\$ 281,131.10
848	P3	NAV CONCENTRATOR	3614331-1004	3	23	\$ 27,828.05	NC	NC	\$ 27,828.05	\$ 83,484.15



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 Proc: 67101

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842	P3	NAVIGATION SET.SATELLITE SIGNALS	31440-42-241J	2	23	\$	44,539.88	\$	34,071.98	NC	\$	89,185.00	\$	79,136.50	\$	39,305.93	\$	78,611.86
843	P3	NOSE RADOME,FUSELAGE	971183-103	2	53	\$	69,088.00	NC										158,273.00
844	P3	OVEN-MICROWAVE	400-1935-01	5	17	\$	2,500.00	NC										12,500.00
845	P3	PANEL, ARMAMENT SELE	A243	5	17	\$	998.92	NC										8,915.35
846	P3	PANEL, POWER DISTRIBUTION	A321	5	17	\$	4,995.91	NC										12,523.40
847	P3	PANEL,INDICATINGLIGHT TRANSMITT	619391-1	5	23	\$	670.79	NC										4,532.88
848	P3	PANEL-AUDIO	AL24-3370-26	1	23	\$	7,495.82	\$	7,495.82	NC								7,495.82
849	P3	PANEL-AUDIO	AL24-3370-27	3	23	\$	7,495.00	NC										22,485.00
850	P3	POWER SUPPLY	8TJ88GAH4	4	24	\$	24,209.50	\$	24,209.50	NC								93,886.67
851	P3	POWER SUPPLY	C17061BA	5	24	\$	27,093.21	\$	20,351.12	NC								118,610.83
852	P3	POWER SUPPLY	PS212-2	6	24	\$	2,158.29	NC										19,611.87
853	P3	POWER SUPPLY ASSY	A244	5	24	\$	1,303.74	NC										3,338.10
854	P3	POWER SUPPLY SUBASSEMBLY	948273-101	4	24	\$	2,703.04	NC										50,221.50
855	P3	PROBE,TEMPERATURE	102V2U	5	17	\$	7,807.21	NC										66,927.15
856	P3	PROCESSOR,RADAR DAT	940-Q330-001	3	17	\$	76,848.51	\$	76,082.28	NC								423,717.00
857	P3	PROCESSOR-AIR DATA	C17053QA01	3	17	\$	49,792.00	NC										149,376.00
858	P3	PROCESSOR-IN	802715-0006	1	17	\$	151,415.04	NC										151,415.04
859	P3	RECEIVER,COORDINATE DATA	597-2158-302	3	17	NC		\$	47,409.60	NC								153,759.90
860	P3	RECEIVER,RADIO	R666AARN32	1	17	\$	670.56	NC										742.95
861	P3	RECEIVER,RADIO	R666BARN32	5	17	\$	870.60	NC										10,916.50
862	P3	RECEIVER-CONVERTER	60710800-601A	6	17	\$	14,025.93	NC										350,954.79
863	P3	RECEIVER-TRANSMITTER,RADAR	4000831-0106	1	17	\$	53,769.17	NC										51,084.72
864	P3	RECEIVER-TRANSMITTER,RADIO	822-0980-003	4	17	\$	131,597.27	\$	124,320.00	NC								511,834.54
865	P3	RECORDER,FLIGHT DATA	980-4700-041	3	17	\$	29,532.83	\$	29,532.83	NC								88,598.49
866	P3	RECORDER,FLIGHT DATA	980-6020-011	3	17	\$	19,192.47	\$	16,165.87	NC								53,037.51
867	P3	RECORDER-REPRODUCER SET SIGNAL D	5030800-001	3	17	\$	7,059.40	NC										168,390.60
868	P3	RECORDING SET, SIGNAL DATA	C17066AA02	3	17	\$	37,114.25	\$	37,114.25	NC								111,342.75
869	P3	REFRIGERATOR, MECHANICAL,FOOD	SR14-101	4	25	\$	13,779.60	NC										76,399.20
870	P3	REGULATOR, CABLE TEN	0503102-1	5	17	\$	2,094.34	\$	16,830.00	NC								47,310.85
871	P3	REGULATOR,VOLTAGE	21B18-1B	8	17	\$	5,490.00	NC										38,528.00
872	P3	RELAY	B123GL	5	17	\$	7,320.00	NC										36,405.00
873	P3	RELAY, ELECTROMAGNETIC	BH138AL	5	17	\$	2,281.00	NC										11,102.98
874	P3	RELAY, ELECTROMAGNETIC	BH140TH	5	17	\$	1,728.53	NC										8,642.65
875	P3	RELAY, ELECTROMAGNETIC	BHR138ARL	5	17	\$	9,941.00	\$	4,030.00	NC								33,604.40
876	P3	RELAY,ELECTROMAGNETIC	TD-403-250M	1	17	\$	95.16	\$	386.95	NC								309.99
877	P3	RESISTOR, THERMAL	588533-1	5	17	\$	237.00	NC										3,894.45
878	P3	RESISTOR, THERMAL	588534-1	5	17	\$	240.87	NC										6,819.35
879	P3	SELECTOR AND SELECT	588530-5	1	17	\$	19,393.00	NC										19,584.50
880	P3	STARTER	48365-1-3	1	80	\$	4,909.00	NC										4,854.00
881	P3	STARTER ENGINE,AIR TURBINE	383650-1-2	1	80	\$	58,222.00	NC										4,524.00
882	P3	SWICHT, THERMOSTATIC	740364-103	5	17	\$	401.73	NC										6,249.38
883	P3	SWITCH PRESS	6815651	1	17	\$	526.30	\$	1,098.00	NC								714.20

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891	P3	SWITCH, PRESSURE	10524-5	7	17	\$	1,124.00	NC	\$	988.77	\$	1,056.39	\$	7,394.70	
892	P3	SWITCH, PRESSURE	612615-101	6	17	\$	2,977.80	NC	\$	7,576.80	\$	5,277.30	\$	31,663.80	
893	P3	SWITCH, THERMOSTATIC	683432-7-1	7	17	\$	3,583.00	\$	3,198.00	\$	4,634.03	\$	3,805.01	\$	26,635.07
894	P3	SWITCH,RADIO FREQUENCY TRANSMISSION LINE	CS319B	6	17	\$	1,044.25	NC	\$	3,479.67	\$	2,261.96	\$	13,571.76	
895	P3	SWITCH,THERMOSTATIC	613696-1	7	17	\$	533.60	NC	\$	1,028.28	\$	780.94	\$	5,466.58	
896	P3	SWITCH,WAVEGUIDE	SA512U	7	17	\$	1,215.00	NC	\$	4,800.00	\$	3,007.50	\$	21,052.50	
897	P3	TIMER DEICER	1035040-1	3	17	\$	49,466.00	\$	49,466.00	\$	47,785.00	\$	48,905.67	\$	146,717.00
898	P3	TOUCH- PANEL	SLM-MC003REV2B5W001-03	1	17	\$	12,342.12	NC	\$	NC	\$	12,342.12	\$	12,342.12	
899	P3	TRANSCEIVER	4023400-0503	3	23	\$	44,336.00	\$	45,141.00	\$	55,137.00	\$	48,204.67	\$	144,614.00
900	P3	TRANSCEIVER - V/UHF	6125 8004 62	1	23	\$	171,081.34	\$	170,063.08	\$	NC	\$	170,572.21	\$	170,572.21
901	P3	TRANSCEIVER DME-442	622-7309-101	5	23	\$	26,469.23	\$	23,263.80	\$	27,060.00	\$	25,597.68	\$	127,988.38
902	P3	TRANSCEIVER HF	522-1501-00	5	23	\$	3,734.00	NC	\$	3,922.00	\$	3,828.00	\$	19,140.00	
903	P3	TRANSCEIVER-RDR ALTIMETER TYPE AHV-2100	5621484A-AMDT-B	2	23	\$	59,601.18	\$	53,811.54	\$	NC	\$	56,706.36	\$	113,412.72
904	P3	TRANSCEIVER-V/UHF	6125-8004-62SWMOD02	4	23	\$	98,302.36	\$	224,382.07	\$	NC	\$	161,342.22	\$	645,368.86
905	P3	TRANSDUCER	497001-01	6	23	\$	11,397.40	\$	11,397.40	\$	NC	\$	11,397.40	\$	68,384.40
906	P3	TRANSFORMER, CURRENT	91Y23FA1	5	24	\$	2,229.00	NC	\$	2,503.05	\$	2,366.03	\$	11,830.13	
907	P3	TRANSFORMER,POWER AUTOTRANSFORME	9671	5	24	\$	2,063.00	\$	2,063.00	\$	-	\$	1,375.33	\$	6,876.67
908	P3	TRANSFORMER,POWER AUTOTRANSFORMER	8608	5	24	\$	970.09	NC	\$	81.55	\$	525.82	\$	2,629.10	
909	P3	TRANSLATOR-COMPRESS	706619-801	3	17	\$	70,584.28	NC	\$	133,091.00	\$	101,837.64	\$	305,512.92	
910	P3	TRANSMITER	497002-01	5	17	\$	16,063.60	NC	\$	NC	\$	16,063.60	\$	80,318.00	
911	P3	TRANSMITER - ELT	94N6576 (REV B)	6	17	\$	6,759.41	\$	5,288.79	\$	NC	\$	6,024.10	\$	36,144.60
912	P3	TRANSMITTER PRESSURE	626159-1	5	17	\$	6,588.00	NC	\$	6,200.12	\$	6,394.06	\$	31,970.30	
913	P3	TRANSMITTER, LIQUID QUANTITY	391057-182	1	17	\$	315.47	NC	\$	2,139.09	\$	1,227.28	\$	1,227.28	
914	P3	TRANSMITTER, LIQUID QUANTITY	391057-184	5	17	\$	412.21	NC	\$	2,037.62	\$	1,224.92	\$	6,124.58	
915	P3	TRANSMITTER, LIQUID QUANTITY	391057-188	5	17	\$	2,089.50	NC	\$	2,125.85	\$	2,107.68	\$	10,538.38	
916	P3	TRANSMITTER, PRESSURE	7617-23-A8-1	3	17	\$	2,527.79	NC	\$	NC	\$	2,527.79	\$	7,583.37	
917	P3	TRANSMITTER, PRESSURE	ST105F	1	17	\$	6,588.00	NC	\$	6,200.12	\$	6,394.06	\$	6,394.06	
918	P3	TRANSMITTER, PRESSURE	ST109C	2	17	\$	3,999.00	NC	\$	3,480.00	\$	4,439.50	\$	8,879.00	
919	P3	TRANSMITTER, SIGNAL	705548-801	5	17	\$	8,763.88	NC	\$	21,140.00	\$	14,951.94	\$	74,759.70	
920	P3	TRANSMITTER, TEMPERATURE, ELETRIC	56B20	6	17	\$	801.91	NC	\$	4,324.31	\$	2,563.11	\$	15,378.66	
921	P3	TRANSMITTER, TEMPERATURE, ELETRIC	A9504D	5	17	\$	1,051.95	NC	\$	1,549.19	\$	1,300.57	\$	6,502.85	
922	P3	TRANSMITTER-ANGLE OF ATTACK	M528066-50	4	17	\$	2,053.35	\$	5,215.00	\$	26,466.00	\$	26,466.00	\$	105,864.00
923	P3	TRANSMITTER,LIQUID QUANTTY	391057-179	5	17	\$	1,706.00	\$	4,519.72	\$	5,066.99	\$	3,764.24	\$	18,821.18
924	P3	TRANSMITTER,LIQUID QUANTITY	391057-178	6	17	\$	3,348.38	\$	3,208.16	\$	4,329.60	\$	3,628.71	\$	21,772.28
925	P3	TRANSMITTER,LIQUID QUANTITY	391057-180	5	17	\$	1,574.47	NC	\$	3,792.46	\$	2,683.47	\$	13,417.33	
926	P3	TRANSMITTER,LIQUID QUANTITY	391057-183	5	17	\$	1,456.00	NC	\$	1,688.54	\$	1,572.27	\$	7,861.35	
927	P3	TRANSMITTER,LIQUID QUANTITY	391057-187	5	17	\$	5,977.91	NC	\$	6,189.98	\$	6,083.95	\$	30,419.73	
928	P3	TRANSMITTER,LIQUID QUANTITY	391057-189	5	17	\$	833.00	\$	4,519.82	\$	1,715.60	\$	2,356.81	\$	11,784.03
929	P3	TRANSMITTER,LIQUID QUANTITY	8T164GAL1	1	17	\$	6,778.00	NC	\$	45,244.00	\$	26,011.00	\$	26,011.00	
930	P3	TRANSPONDER-RATE OF FLOW	4079100-0507	2	17	\$	67,464.42	\$	71,809.45	\$	59,181.90	\$	66,151.92	\$	132,303.85
931	P3	TRANSMITTER, LIQUID QUANTITY	391057-185	5	17	\$	703.27	\$	1,276.54	\$	1,598.60	\$	1,193.47	\$	5,967.35
932	P3	TRU-REGULATE	1-002-0102-2014	3	17	\$	16,422.00	\$	16,422.00	\$	15,318.00	\$	16,054.00	\$	48,162.00




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923	P3	UHF R/T	GR4422	3	23	\$ 16,868.03	NC	NC	\$ 16,868.03	\$	50,604.09
924	P3	UNIT - GESTION AUDIO	AL20-3200-26MODVER5	3	23	\$ 18,860.00	NC	NC	\$ 18,860.00	\$	56,580.00
925	P3	UNIT - GESTION AUDIO	AL24-3370-26MODVER2	3	23	\$ 7,496.00	NC	NC	\$ 7,496.00	\$	22,488.00
926	P3	UNIT-ACOUSTI	AL26-0560-26	3	23	\$ 7,232.19	\$	7,025.56	\$ 7,128.88	\$	21,386.63
927	P3	UNIT-ACOUSTIC SUMMING	AL26-0560-26MODVER3	3	23	\$ 8,368.03	NC	NC	\$ 8,368.03	\$	25,104.09
928	P3	UNIT-AUDIO	AL20-3200-26	3	23	\$ 18,859.51	\$	18,859.51	\$ 18,859.51	\$	56,578.25
929	P3	VALVE, SOLENOID	190585-1	6	17	\$ 4,358.61	NC	NC	\$ 11,096.14	\$	7,727.38
930	P3	VALVE, SOLENOID	35-055	1	17	\$ 2,862.00	NC	NC	\$ 2,134.65	\$	2,498.33
931	P3	VALVE, SOLENOID, FUEL	8-564-1	5	28	\$ 387.11	\$	7,166.06	\$ 6,754.32	\$	4,769.16
932	P3	VIBRATOR, IGNIT	6895689	3	80	\$ 14,515.29	NC	NC	\$ 23,791.58	\$	19,153.44
933	P3	VIBRATOR, IGNITION COIL	48950	5	80	\$ 9,756.00	NC	NC	\$ 3.23	\$	4,879.62
934	P3	VIBRATOR, IGNITION COIL	6805307	5	80	\$ 7,222.00	NC	NC	\$ 9,652.00	\$	8,437.00
935	P3	VIBRATOR, IGNITION COIL	10-111160-6	1	80	\$ 14,515.29	NC	NC	\$ 23,791.58	\$	19,153.44
936	P3	VOLTIMETER	115-192	5	OUTROS	\$ 3,304.32	\$	3,304.32	NC	\$	3,304.32
937	P3	MANÔMETRO	HC-2278	1	17	\$ 150.00	\$	188.16	NC	\$	169.08
938	P3	ADAPTER TEST ENGINE DIFUSER BLEED PRESSURE	6898448	1	OUTROS	\$ 7,343.14	\$	7,343.14	\$ 9,030.31	\$	7,905.53
939	P3	DYNAMOMETER (TENSÍOMETER DIAL INDICATING)	TDS-5000	1	OUTROS	\$ 759.66	\$	878.18	\$ 878.18	\$	838.67
940	P3	DYNAMOMETER (TESTER, SPRING RESILIENCY)	LG-100	1	OUTROS	\$ 421.00	NC	NC	\$ 629.15	\$	525.08
941	P3	ELEMENTO DE PRESSÃO	M88552/1	1	OUTROS	\$ 543.09	\$	543.09	\$ 76.95	\$	786.95
942	P3	FUEL GAUGE ASSEMBLY	1104-1A	1	OUTROS	\$ 1,845.94	\$	1,879.26	\$ 1,863.29	\$	1,842.83
943	P3	HYDROSTATIC FUEL GAGE	G1104-6	1	OUTROS	\$ 743.16	NC	NC	\$ 3,111.90	\$	1,927.53
944	P3	IFR4000 NAV-COM	4000-110-1/S	1	OUTROS	NC	\$	27,391.68	NC	\$	27,391.68
945	P3	IGNITER CIRCUIT TEST	101-5H1-NAV	1	OUTROS	\$ 8,028.00	\$	3.00	NC	\$	4,015.50
946	P3	MANÔMETRO (CARRINHO DE NITROGÊNIO)	HC-2279	1	OUTROS	\$ 175.00	NC	NC	\$ 158.61	\$	158.61
947	P3	MANÔMETRO (CARRINHO DE NITROGÊNIO)	HC-2289	1	OUTROS	\$ 150.00	\$	271.74	NC	\$	175.00
948	P3	MANÔMETRO (CARRINHO DE OXIGÊNIO)	6798134	1	OUTROS	\$ 6,651.71	\$	14,436.00	\$ 14,653.00	\$	11,913.57
949	P3	MEDIDOR DE VIBRAÇÃO	MJ159	1	OUTROS	NC	\$	1,048.61	\$ 1,051.49	\$	1,070.05
950	P3	MEGOhmmETER	8400K	1	OUTROS	\$ 4,051.00	\$	3,725.00	\$ 221.78	\$	2,665.93
951	P3	MICROMETER, OPTICAL, DEPTH	1587	1	OUTROS	\$ 691.41	\$	639.99	\$ 147.55	\$	492.98
952	P3	MULTIMETRO	77/BN	1	OUTROS	\$ 78.00	NC	NC	\$ 102.00	\$	90.00
953	P3	MULTIMETRO	77-4	1	OUTROS	\$ 250.19	\$	310.00	\$ 117.50	\$	225.90
954	P3	MULTIMETRO	EEDM503D	1	OUTROS	\$ 118.00	\$	118.00	\$ 146.61	\$	127.54
955	P3	MULTIMETRO	3856	1	OUTROS	\$ 625.00	\$	668.00	\$ 565.60	\$	626.20
956	P3	PIVOT, POINTER	GS18217	1	OUTROS	\$ 1,054.80	\$	1,250.00	\$ 1,161.00	\$	1,155.27
957	P3	PROFACOR	2948B	1	OUTROS	\$ 51,659.00	NC	NC	\$ 51,659.00	\$	51,659.00
958	P3	RF TEST SET	BR61-101	1	OUTROS	\$ 72,520.00	\$	72,520.00	\$ 72,520.00	\$	72,520.00
959	P3	TEMPERATURE CONTROL SYSTEM	BR61-103	1	OUTROS	\$ 72,520.00	\$	99,578.85	\$ 72,520.00	\$	80,206.28
960	P3	TEMPERATURE CONTROL SYSTEM	6798231	1	OUTROS	\$ 10,995.00	\$	13,100.00	\$ 13,100.00	\$	12,398.33
961	P3	TEMPERATURE DATUM CONTROL SYSTEM (TD CONTROL)	TS-8002-105-00	1	OUTROS	\$ 944.33	\$	944.33	\$ 875.39	\$	921.35
962	P3	TENSÍOMETRO	TS-8005-110-00	1	OUTROS	\$ 952.01	\$	939.58	\$ 904.25	\$	931.95
963	P3	TENSÍOMETRO	T60-1001C8-1A	1	OUTROS	\$ 647.43	\$	550.22	\$ 707.54	\$	635.06

975	P3	TEST DO IND	H15C	1	OUTROS	\$	29.975,00	\$	29.975,00	\$	11.825,00	\$	23.925,00	\$	23.925,00	\$	23.925,00
976	P3	TEST SET 60KVA SYSTEM	900911-17H	1	OUTROS	\$	94.960,00	\$	94.960,00	\$	9.090,00	\$	66.336,67	\$	66.336,67	\$	66.336,67
977	P3	TEST SET POWER	67991-30	1	OUTROS	\$	5.490,00	\$	10.600,00	\$	5.490,00	\$	7.193,33	\$	7.193,33	\$	7.193,33
978	P3	TEST SET TRANSDUCER	1-47NH	1	OUTROS	\$	32.769,83	\$	32.769,83	\$	21.446,00	\$	28.995,22	\$	28.995,22	\$	28.995,22
979	P3	TEST SET. ELECTRONICS SYSTEMS	TF20-1	1	OUTROS	\$	6.007,89	\$	2.900,00	\$	6.007,89	\$	4.971,93	\$	4.971,93	\$	4.971,93
980	P3	TEST SET. SYNCHRO	AD33480-6	1	OUTROS	\$	135.000,00	\$	135.000,00	\$	135.000,00	\$	135.000,00	\$	135.000,00	\$	135.000,00
981	P3	TESTADOR DE ELASTICIDADE DA MOLA	DG-200	1	OUTROS	\$	99,00	\$	99,00	\$	856,45	\$	856,45	\$	856,45	\$	856,45
982	P3	TESTE SISTEMA PNEUMATICO	W104843-1	1	OUTROS	\$	3.071,76	\$	2.805,00	\$	2.735,77	\$	2.870,84	\$	2.870,84	\$	2.870,84
983	P3	TESTER PYROMETER	6799323	1	OUTROS	\$	4.674,96	\$	3.801,73	\$	3.801,73	\$	4.092,81	\$	4.092,81	\$	4.092,81
984	P3	TORQUIMETRO	5110476305	1	OUTROS	\$	151,34	NC	NC	NC	NC	NC	151,34	\$	151,34	\$	151,34
985	P3	TORQUIMETRO	40ISM	1	OUTROS	\$	178,57	NC	NC	NC	190,01	\$	184,29	\$	184,29	\$	184,29
986	P3	TORQUIMETRO	7098-5031-54	1	OUTROS	\$	325,00	\$	325,00	NC	NC	\$	325,00	\$	325,00	\$	325,00
987	P3	TORQUIMETRO	B107.300	1	OUTROS	\$	248,57	\$	270,25	\$	43,79	\$	187,54	\$	187,54	\$	187,54
988	P3	TORQUIMETRO	QDIR50	1	OUTROS	\$	1.127,71	\$	127,40	\$	158,99	\$	471,37	\$	471,37	\$	471,37
989	P3	TORQUIMETRO	SWES4	1	OUTROS	\$	634,51	\$	630,00	NC	NC	\$	632,26	\$	632,26	\$	632,26
990	P3	TORQUIMETRO	TE12FLA	1	OUTROS	\$	1.403,06	NC	NC	\$	218,99	\$	811,03	\$	811,03	\$	811,03
991	P3	TORQUIMETRO	TE50FLA	1	OUTROS	\$	185,31	\$	185,31	\$	157,30	\$	176,11	\$	176,11	\$	176,11
992	F5	TRANSMITTER ANGLE OF ATTACK	2562A15	15	27	\$	1.232,46	NC	NC	\$	NC	\$	1.232,46	\$	1.232,46	\$	1.232,46
993	F5	TRANSFORMER RECTIFIER UNIT R	1-002-01021020	42	24	\$	19.915,51	\$	19.915,51	\$	9.500,00	\$	16.403,67	\$	16.403,67	\$	16.403,67
994	F5	CYLINDER ASSEMBLY, ACTUATING	OMP463-5	15	32	\$	13.940,00	\$	13.940,00	\$	7.217,20	\$	11.699,17	\$	11.699,17	\$	11.699,17
995	F5	STEERING UNIT AIRCRAFT NOSEW	4035100011	12	32	\$	26.402,46	\$	25.508,34	NC	NC	\$	25.955,40	\$	25.955,40	\$	25.955,40
996	F5	GYROSCOPE RATE	20110	15	34	\$	298,00	NC	NC	NE	NE	\$	298,00	\$	298,00	\$	298,00
997	F5	TRANSMITTER ANGLE OF ATTACK	2562A15M	39	27	\$	7.270,11	\$	15.754,97	NC	NC	\$	11.512,54	\$	11.512,54	\$	11.512,54
998	F5	GYROSCOPE RATE	2-73914-3	15	34	\$	838,00	NC	NC	NC	NC	\$	838,00	\$	838,00	\$	838,00
999	F5	GYROSCOPE RATE	2-73914-3	3	34	\$	838,00	NC	NC	NC	NC	\$	838,00	\$	838,00	\$	838,00
1000	F5	GYROSCOPE RATE	64883-505	15	34	\$	838,00	\$	6.250,00	\$	4.400,00	\$	3.829,53	\$	3.829,53	\$	3.829,53
1001	F5	POWER SUPPLY	8TH120GAA1	15	24	\$	5.364,68	\$	5.750,00	NC	NC	\$	31.432,34	\$	31.432,34	\$	31.432,34
1002	F5	REGULATOR OXYGEN	32660790102	112	35	\$	3.300,00	\$	17.128,00	NE	NE	\$	10.214,00	\$	10.214,00	\$	10.214,00
1003	F5	TRANSMITTER ANGLE OF ATTACK	2562A15M	30	27	\$	7.270,11	\$	15.754,97	NC	NC	\$	11.512,54	\$	11.512,54	\$	11.512,54
1004	F5	AMPLIFIER ELECTRONIC CONTROL	5071168P01	15	23	\$	18.500,00	\$	17.500,00	NE	NE	\$	18.000,00	\$	18.000,00	\$	18.000,00
1005	F5	GYROSCOPE RATE	20100	39	34	\$	12.456,22	NC	NC	\$	2.260,00	\$	7.338,11	\$	7.338,11	\$	7.338,11
1006	F5	STEERING ACTUATOR	OMP3863-7	3	32	\$	9.333,40	NC	NC	NC	NC	\$	9.333,40	\$	9.333,40	\$	9.333,40
1007	F5	PUMP SUBMERGED AIRCRAFT	RR2780A	45	73	\$	8.683,16	\$	8.397,36	NC	NC	\$	8.590,26	\$	8.590,26	\$	8.590,26
1008	F5	GENERATOR ALTERNATING CURRENT	9761898-2	90	80	\$	70.396,15	\$	55.000,00	\$	11.850,00	\$	45.748,72	\$	45.748,72	\$	45.748,72
1009	F5	CONTROL GENERATOR	9761902-2	30	24	\$	NC	\$	1.100,00	NC	NC	\$	1.100,00	\$	1.100,00	\$	1.100,00
1010	F5	CONTROL GENERATOR	9761902-4	30	24	\$	1.106,58	\$	3.984,71	\$	3.602,42	\$	4.045,65	\$	4.045,65	\$	4.045,65
1011	F5	CONTROL GENERATOR	9761902-5	30	24	\$	7.435,00	\$	7.332,00	NC	NC	\$	7.378,50	\$	7.378,50	\$	7.378,50
1012	F5	FLOAT VALVE	69562-1	106	73	\$	6.970,43	\$	6.993,81	\$	1,00	\$	4.655,08	\$	4.655,08	\$	4.655,08
1013	F5	AMPLIFIER ELECTRONIC CONTROL	101E3860G01	15	23	\$	18.722,60	\$	34.200,00	NE	NE	\$	26.461,30	\$	26.461,30	\$	26.461,30
1014	F5	REGULATOR AIR PRESSURE AIRCRAFT CABIN	2760003-102	9	21	\$	26.502,00	\$	72.092,10	\$	25.500,00	\$	41.364,70	\$	41.364,70	\$	41.364,70
1015	F5	TRANSMITTER RATE OF FLOW	81185GHX2	15	28	\$	6.314,04	NC	NC	\$	5.500,00	\$	5.907,02	\$	5.907,02	\$	5.907,02
1016	F5	TRANSMITTER RATE OF FLOW	81185GHX3	12	28	\$	11.647,00	NC	NC	\$	5.500,00	\$	8.573,50	\$	8.573,50	\$	8.573,50

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1017	H7	CONTROL GENERATOR	976905-6	30	24	\$	3,913.27	\$	7,645.00	\$	3,602.42	\$	5,794.64	\$	17,183.05
1018	H7	AMPLIFIER ELECTRONIC CONTROL	5071168701	18	23	\$	18,500.00	\$	17,500.00	\$	NC	\$	18,000.00	\$	324,000.00
1019	H7	TRANSmitter ANGLE OF ATTACK	2502313	15	27	\$	1,232.46	\$	NC	\$	NC	\$	1,232.46	\$	18,486.90
1020	H7	ACTUATOR ELECTRO	18163838176	99	24	\$	18,319.04	\$	18,511.58	\$	NC	\$	18,415.31	\$	1,823,115.69
1021	H7	TRANSmitter ANGLE OF ATTACK	35621364	15	27	\$	7,270.13	\$	15,754.97	\$	NC	\$	11,572.50	\$	172,686.10
1022	H7	ASSISTOR VARIABLE MOTOR PDA	97601492105-102	6	24	\$	7,931.64	\$	4,955.47	\$	2,607.98	\$	5,162.70	\$	30,976.18
1023	H7	HYDRAULIC	7165702300-050	12	29	\$	14,517.00	\$	15,772.00	\$	11,892.00	\$	14,039.67	\$	168,716.00
1024	H7	ENGINE TROUBLE 701C	6071124001	6	72	\$	678,067.00	\$	678,067.00	\$	NC	\$	678,067.00	\$	4,068,402.00
1025	H7	INDICATOR HORIZONTAL SITUATION	11279705	6	31	\$	NC	\$	3,000.00	\$	1,601.25	\$	2,300.63	\$	13,803.75
1026	H7	PROCESSOR COMMAND	146110-7	6	N/D	\$	30,678.00	\$	59,000.00	\$	NC	\$	44,839.00	\$	266,074.00
1027	H7	INDICATOR DISTANCE	322-6524405	6	31	\$	NC	\$	3,000.00	\$	1,601.25	\$	2,300.63	\$	13,803.75
1028	H7	RECEIVER RADIO	522-6812402	6	23	\$	23,309.76	\$	22,000.00	\$	1,500	\$	15,200.25	\$	91,201.52
1029	H7	CONTROL RADIO SET	522-8761407	9	23	\$	14,666.00	\$	19,500.00	\$	38,869.00	\$	38,869.00	\$	349,821.00
1030	H7	CONTROL PANEL RECEIVER	054-1016-05	12	23	\$	6,750.00	\$	6,750.00	\$	NC	\$	6,750.00	\$	81,000.00
1031	H7	DISPLAY UNIT RADAR	054-90035-104	6	23	\$	7,381.60	\$	10,000.00	\$	5,126.00	\$	7,505.87	\$	45,035.20
1032	H7	RECEIVER-ENCIPHER RADAR	071-0151940101	6	23	\$	36,397.06	\$	NC	\$	13,071.00	\$	24,734.03	\$	148,404.18
1033	H7	GYROSCOPE DISPLACEMENT	14597441-08	6	34	\$	NC	\$	NC	\$	3,920.00	\$	3,920.00	\$	23,520.00
1034	H7	GYROSCOPE DISPLACEMENT	468605	6	34	\$	8,009.00	\$	NC	\$	3,920.00	\$	5,964.50	\$	35,787.60
1035	H7	CONTROL UNIT APU	143290-100	3	N/D	\$	13,618.00	\$	NC	\$	81.60	\$	6,849.80	\$	20,549.40
1036	H7	NAVIGATOR PROCESSOR UNIT	818-043-007C	6	34	\$	7,386.36	\$	95,700.00	\$	110,844.00	\$	21,310.12	\$	427,861.72
1037	H7	VALVE SOLENOID	32138505-1	3	N/D	\$	10,965.00	\$	3,354.00	\$	2,400.00	\$	3,247.00	\$	9,741.00
1038	H7	STARTER ENGINE GASTURBINE	33033004-1	18	80	\$	10,965.00	\$	8,924.00	\$	5,930.00	\$	8,605.67	\$	154,902.00
1039	H7	STARTER ENGINE GASTURBINE	33033005-1	15	80	\$	13,090.79	\$	16,000.00	\$	31,662.00	\$	31,662.00	\$	474,930.00
1040	H7	GENERATOR ALTERNATING AC	288302-8-024	3	80	\$	24,165.22	\$	NC	\$	13,980.00	\$	19,041.61	\$	57,124.83
1041	H7	SEARCHLIGHT	46-0241-11	6	33	\$	6,252.00	\$	6,484.00	\$	6,509.00	\$	6,412.00	\$	38,472.00
1042	H7	LIGHT LANDING AIRCRAFT	45-0259-12	6	32	\$	8,378.87	\$	NC	\$	5,562.00	\$	6,970.44	\$	41,822.61
1043	H7	JOIST CONTROL BOX	7626143005-107	6	N/D	\$	18,312.00	\$	NC	\$	20,000.00	\$	19,156.00	\$	114,936.00
1044	H7	JOIST CONTROL BOX	1004641401	3	N/D	\$	15,040.00	\$	19,000.00	\$	NC	\$	37,000.00	\$	51,000.00
1045	H7	FR BLADE	76701-31000-013	15	63	\$	60,004.31	\$	114,131.00	\$	14,131.00	\$	27,067.66	\$	1,306,014.83
1046	H7	SPINDLE HEAD ROTARY WING	76702-083000456	6	62	\$	25,612.00	\$	NC	\$	NC	\$	25,612.00	\$	153,672.00
1047	H7	SPINDLE HEAD ROTARY WING	76702-083000468	9	62	\$	32,685.00	\$	52,995.00	\$	NC	\$	42,840.00	\$	385,561.00
1048	H7	DAKTER ASSY	76100-081000466	15	62	\$	11,047.00	\$	7,302.00	\$	17,521.00	\$	37,521.00	\$	262,815.00
1049	H7	MAIN ROTOR BLADE	701504091004043	9	62	\$	140,812.00	\$	198,908.00	\$	146,000.00	\$	151,906.67	\$	1,437,161.00
1050	H7	TIP AIRCRAFT	701504092074041	9	N/D	\$	8,282.00	\$	9,080.00	\$	14,781.00	\$	14,781.00	\$	133,029.00
1051	H7	LANDING GEAR HYD	70250-1205-0015	3	32	\$	13,068.00	\$	NC	\$	NC	\$	13,068.00	\$	39,204.00
1052	H7	DRAG BRACKET LANDING GEAR	70250-12105-0043	15	32	\$	10,067.00	\$	NC	\$	NC	\$	10,067.00	\$	131,005.00
1053	H7	YOKE ASSY LANDING GEAR	70250-13155-0043	9	32	\$	11,949.27	\$	2,147.10	\$	7,130.00	\$	7,075.46	\$	63,629.11
1054	H7	SERVOROLL TRIM LIO CH 46 ROTARY WING AIRCRAFT	70400-02560120	12	67	\$	12,151.00	\$	13,739.00	\$	25,133.00	\$	25,133.00	\$	276,242.00
1055	H7	ACTUATOR ELECTRO-MECHANICAL LINEAR	70400-06641-17	12	M/D	\$	7,657.00	\$	8,160.00	\$	27,534.00	\$	27,534.00	\$	358,008.00
1056	H7	BEICANN ASSY	70400-008102405	12	67	\$	1,971.00	\$	2,118.00	\$	992.00	\$	1,692.67	\$	20,324.00
1057	H7	ACTUATOR TRIM TAB C	704100027600405	18	22	\$	29,572.00	\$	130,000.00	\$	87,709.00	\$	37,424.00	\$	1,483,632.00
1058	H7	SERVOMAIN	70410028304054	15	67	\$	35,562.24	\$	29,392.00	\$	37,693.00	\$	34,215.75	\$	513,236.20

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1059	H7	SERVO ASSY YAW	70410-02910-067	9	67	\$	\$ 81,057.03	\$	88,757.50	\$	36,000.00	\$	68,604.84	\$	617,443.59
1060	H7	SERVO ASSY COLL	70410-02920-053	15	67	\$	\$ 13,424.00	\$	13,572.00	\$	25,117.00	\$	25,117.00	\$	376,755.00
1061	H7	SERVO CYLINDER 1/R	70410-06520-046	6	67	\$	\$ 22,805.00	\$	80,000.00	\$	45,840.00	\$	49,548.33	\$	397,290.00
1062	H7	IND VERT SH	70450-01040-112	9	31	\$	\$ 4,765.00	\$	5,400.00	\$	8,000.00	\$	8,000.00	\$	72,000.00
1063	H7	INDICATOR AIR SPEED	70450-01042-101	9	31	\$	\$ 1,777.16	\$	1,083.05	NC					10,176.95
1064	H7	TRANSDUCER OPTIONAL	70450-01081-108	6	NID	\$	\$ 14,382.00	NC		\$	6,500.00	\$	10,441.00	\$	62,646.00
1065	H7	SELECTOR MODE HSI-V	70450-01901-114	6	34	\$	\$ 21,250.00	\$	21,250.00	NC					127,500.00
1066	H7	CONVERTER SIGNAL	70450-01916-103	6	24	\$	\$ 22,671.00	NC		NC					136,026.00
1067	H7	DISPLAY UNIT CONTROL	70450-01916-105	6	67	\$	\$ 37,159.00	\$	40,000.00	\$	93,200.00	\$	93,200.00	\$	359,200.00
1068	H7	PANEL FAULT-FUNCTION INDICATOR AIRCRAFT	70550-01107-120	9	45	\$	\$ 8,759.00	\$	15,000.00	\$	11,087.00	\$	11,615.33	\$	104,538.00
1069	H7	SWITCH L DIM	70550-01148-101	6	33	\$	\$ 1,225.23	NC		\$	1,428.28	\$	1,326.76	\$	7,960.53
1070	H7	GENERATOR ALTERNATING CURRENT	70550-02032-104	3	80	\$	\$ 10,214.00	\$	12,036.00	\$	9,750.00	\$	10,666.67	\$	32,000.00
1071	H7	STARTER ENGINE	70651-03210-101	3	80	\$	\$ 12,234.00	\$	12,234.00	\$	7,130.00	\$	10,332.67	\$	31,598.00
1072	H7	COMPUTER FLIGHT DIRECTOR	70901-01802-101	6	67	\$	\$ 18,000.00	\$	18,000.00	NE					108,000.00
1073	H7	AMPLIFIER SYNCHRO SIGNAL	70901-02908-104	6	63	\$	\$ 23,263.00	\$	25,274.00	NC					145,611.00
1074	H7	CONTROL BOX	70902-01970-448	6	NID	\$	\$ 26,624.00	NC		\$	54,700.00	\$	40,662.00	\$	243,972.00
1075	H7	AMPLIFIER ELECTRONIC CONTROL	70902-02001-048	6	23	\$	\$ 13,089.00	\$	13,089.00	NC					78,534.00
1076	H7	NAVIGATOR PROCESSOR UNIT	81840-03750-1	3	34	\$	\$ 7,386.36	\$	15,960.00	NE					35,019.54
1077	H7	MR DATA COMPUTER	90004-00340111000	6	46	\$	\$ 9,950.00	\$	69,890.00	NC					236,520.00
1078	H7	CONT PNI UCS	A501-1BG	18	23	\$	\$ 9,604.44	\$	3,820.00	NC					66,819.96
1079	H7	PANEL FAULT-FUNCTION INDICATOR A	44781000-10	6	45	\$	\$ 4,392.00	\$	4,395.00	NC					26,361.00
1080	H7	PANEL FAULT-FUNCTION INDICATOR A	44781000-50	9	45	\$	\$ 4,392.00	NC		NC					39,528.00
1081	H7	INTERROGATOR SET	DM4E-42	6	34	\$	\$ 4,375.00	\$	17,824.00	\$	1,631.00	\$	7,943.33	\$	47,660.00
1082	H7	GYROSCOPE RATE	TRU-2A/A	6	34	\$	\$ 17,060.05	\$	9,601.00	\$	9,314.11	\$	11,992.02	\$	71,952.12
1083	H7	SERVO ASSY COLL	27460041045	6	67	\$	\$ 13,424.00	\$	18,199.00	\$	29,175.00	\$	29,175.00	\$	175,050.00
1084	H7	GENERATOR ALTERNATING CURRENT	28B262-35-C	6	80	\$	\$ 10,214.00	\$	10,513.00	\$	9,750.00	\$	10,159.00	\$	60,954.00
1085	H7	TRANSMITTER LEXJID QUANTITY	473067-802	6	46	\$	\$ 3,381.00	\$	6,000.00	\$	6,500.00	\$	5,293.67	\$	31,762.00
1086	H7	GYROSCOPE RATE	G02479AB01	3	34	\$	\$ 17,060.05	NC		\$	4,200.00	\$	10,646.48	\$	31,921.43
1087	H7	RECEIVER TRANSMITTER RADAR	H57209AD02	15	23	\$	\$ 39,305.93	\$	34,826.00	\$	13,666.00	\$	29,932.64	\$	448,989.65
1088	H7	INDICATOR HEIGHT	FG1209AC01	6	31	\$	\$ 7,823.00	\$	22,941.18	NC					92,292.54
1089	H7	ALTIMETER ENCODER	101450-31245	3	34	\$	\$ 4,825.00	\$	8,900.00	\$	613.00	\$	4,779.33	\$	14,338.00
1090	H7	ALTIMETER ENCODER	101450-41883	12	34	\$	\$ 6,349.21	\$	37,630.00	\$	4,450.00	\$	16,139.74	\$	193,676.84
1091	H7	AUTMETER PRESSURE	04450-31327	9	34	\$	\$ 12,128.86	NC		\$	8,168.00	\$	10,148.43	\$	91,335.87
1092	H7	DIGITAL CONTROL ELECTRONIC	4082199612	6	72	\$	\$ 19,663.00	\$	19,663.00	NC					117,978.00
1093	H7	DIGITAL CONTROL ELECTRONIC	5886183905	3	72	\$	\$ 19,663.00	\$	19,663.00	NC					58,989.00
1094	H7	SELECTOR MODE HSI-V	5030218-9	6	34	\$	\$ 21,250.00	\$	24,700.00	NC					137,850.00
1095	H7	GYROSCOPE RATE	B2888-01	15	34	\$	\$ 10,404.46	NC		\$	9,314.11	\$	9,859.29	\$	147,889.28
1096	H7	RECEIVER TRANSMITTER RADAR	403636040519	6	23	\$	\$ 15,961.61	\$	61,000.00	NC					230,884.83
1097	H7	CONTROL COMPASS	2389186-907	9	NID	\$	\$ 13,706.00	\$	6,917.41	NC					92,805.35
1098	H7	CONTROL COMPASS	21B17-96-4B	6	24	\$	\$ 4,566.00	NC		NC					27,396.00
1099	H7	WINCH AIRCRAFT MOUNTED	BL-29990-40-1	9	53	\$	\$ 238,617.52	\$	128,071.00	NC					1,609,148.34
1100	H7	CONTROLLER AIRCRAFT	CP-1100-2	6	NID	\$	\$ 8,303.00	\$	11,900.00	NC					60,606.00

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 Proc: 87101
 001981/18-82
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1101	H7	CONTROL UNIT	5972177-112	6	67	5	13,295.81	\$	840.86	NC	\$	7,053.34	\$	42,200.01	
1102	H7	CONTROL RECEIVER	5972177-204	3	23	5	5,378.47	NC	NC	NC	\$	5,378.47	\$	16,135.41	
1105	H7	RECEIVER-TRANSMITTER RADIO	823-1182-402	6	23	5	77,000.00	\$	75,000.00	\$	115,215.20	\$	115,215.20	\$	691,291.20
1104	F5	DOUBLE DYNASTRON BOX	72-0841-01	6	NID	5	469.61	\$	2,706.27	NC	\$	1,587.94	\$	9,527.64	
1105	F5	PUMP ROTARY	609100902	3	73	5	11,219.12	\$	11,271.92	\$	10,249.36	\$	10,913.47	\$	52,740.40
1106	F5	PUMP ROTARY	R016800452	3	73	5	11,219.12	\$	11,271.92	\$	10,249.36	\$	10,913.47	\$	52,740.40
1107	F5	PUMP SUBMERGED AIR/RAFT	14-52914-501	15	73	5	8,683.16	NC	NC	\$	8,586.00	\$	8,624.58	\$	120,518.70
1108	F5	COOLER/LUBRICATING/OIL ENGINE	150880-1-1	5	79	5	10,982.73	\$	10,982.73	\$	10,184.06	\$	10,716.51	\$	64,299.64
1109	F5	COOLER/LUBRICATING/OIL ENGINE	3714010610107	5	79	5	10,982.73	\$	10,895.60	\$	10,184.06	\$	10,587.46	\$	63,574.78
1110	F5	UNIT, OXYGEN CONCENTRATOR, SYS, OBOCS, REAR PUSHEL	226163-0101	80	85	5	20,035.12	\$	100,058.40	NC	\$	60,046.76	\$	3,602,805.60	
1111	H7	RECEIVER RADIO	0224376-020	6	23	5	37,975.00	NC	NC	\$	45,000.00	\$	41,487.50	\$	248,925.00
1112	H7	RECEIVER RADIO	064-1915-01	6	23	5	22,771.05	\$	13,250.00	NC	\$	18,010.53	\$	108,003.15	
1113	H7	VALVE REEL SYSE	21800-25	6	NID	5	NC	\$	6,639.96	\$	6,562.05	\$	6,601.01	\$	39,606.03
1114	H7	VALVE, SOLENOID	70306-02107-104	6	NID	5	3,986.00	\$	4,134.00	\$	4,202.00	\$	4,107.33	\$	24,644.00
1115	H7	PUMP SUBMERGED	5013065015403	6	28	5	3,460.00	NC	NC	\$	3,588.00	\$	3,524.00	\$	21,044.00
1116	H7	FILTER, FUEL ASSY	AD5985-82Y2	6	73	5	3,760.50	\$	1,983.00	\$	1,961.51	\$	2,568.34	\$	15,410.02
1117	H7	SAS ACTUATOR ASSY	70110-02300-020	12	29	5	10,450.00	\$	4,363.00	\$	4,111.00	\$	6,342.67	\$	76,112.00
1118	H7	VERTICAL VELOCITY INDICATOR	70450-01008-101	3	31	5	4,095.37	\$	1,300.00	\$	4,895.17	\$	3,429.51	\$	10,288.54
1119	H7	IND SENSORE	70490-019-06-104	3	31	5	17,145.00	\$	12,272.00	\$	18,027.00	\$	15,831.33	\$	47,494.00
1120	H7	CONTROL, COMBINE	C-9533A/ABC	3	23	5	2,519.00	\$	2,759.00	\$	3,961.00	\$	4,743.33	\$	14,230.00
1121	H7	RECEIVER TRANSMITTER	62911A	6	23	5	95,960.00	\$	109,600.00	\$	91,895.00	\$	99,154.67	\$	594,928.00
1122	H7	ALTIMETER, PRESSURE	10450-11875	6	34	5	9,515.00	\$	12,000.00	\$	20,208.00	\$	20,208.00	\$	121,248.00
1123	H7	RELAY ASSEMBLY LH	70550-02105-0157	6	NID	5	20,456.00	NC	NC	\$	21,568.00	\$	21,012.00	\$	126,072.00
1124	H7	CONTROL, RECEIVER	084-01916-0015	6	23	5	9,608.84	\$	15,686.17	NC	NC	5	12,647.51	\$	75,885.03
1125	H7	PANEL CONTROL ELECTRICAL/RECEIVER	70450-01000-060	6	34	5	2,592.00	\$	1,890.00	\$	2,727.65	\$	2,406.22	\$	14,437.30
1126	H7	CONTROL DISPLAY UNIT (MCDU)	82165-20	6	77	5	4,890.00	\$	85,000.00	NC	NC	\$	44,945.00	\$	269,670.00
1127	H7	YORBUS CONTROL	522-4408-013	6	34	5	21,000.00	\$	15,408.00	\$	16,312.00	\$	17,573.33	\$	105,440.00
1128	H7	CONVERTER DIGITAL TO DIGITAL	7-15111	6	23	5	20,813.60	\$	10,812.60	\$	21,645.00	\$	17,757.33	\$	106,546.40
1129	H7	LOCK KEY/HE	DYNAL00-130	6	31	5	3,023.61	\$	7,500.00	\$	10,728.05	\$	10,728.05	\$	64,368.20
1130	H7	INTERCONNECTING BOX	70550-02128-043	6	NID	5	3,783.00	\$	3,894.74	\$	3,687.60	\$	3,788.43	\$	22,730.68
1131	H7	LEAF CONTROL	622-0813-004	9	34	5	3,685.78	NC	NC	\$	3,215.74	\$	3,440.76	\$	30,966.84
1132	H7	RELAY ASSEMBLY RH	70550-02102-066	6	NID	5	19,685.00	\$	31,900.00	\$	20,754.00	\$	24,113.00	\$	144,678.00
1133	H7	PANEL CONTROL ELECTRIC/ELECTRONIC EQUIPMENT	70902-01085-065	6	34	5	3,003.00	\$	8,200.00	\$	4,109.00	\$	5,104.00	\$	30,624.00
1134	H7	GYROSCOPE DISPLAY/MENT	CN1310A	6	34	5	8,244.00	NC	NC	\$	18,684.00	\$	13,464.00	\$	80,784.00
1135	H7	INLET ASSY, ENGINE	70302-10100-051	9	NID	5	44,490.00	\$	33,200.00	\$	46,907.00	\$	41,523.33	\$	373,791.00
1136	H7	CARGO HOOK	70890-07303-113	6	25	5	8,789.00	\$	9,619.00	\$	11,769.00	\$	10,265.67	\$	60,294.00
1137	H7	BLOWER UNIT	70309-02106-103	3	36	5	8,079.30	\$	8,695.00	\$	9,564.65	\$	8,779.58	\$	26,338.75
1138	H7	COMPLING ASSY SERVQ	70410-06100-032	9	29	5	3,028.00	\$	40,624.98	\$	5,189.00	\$	16,280.66	\$	146,525.94
1139	H7	SWASPLATE LINK	70400-08151-061	6	62	5	1,613.00	\$	1,779.00	\$	2,166.00	\$	1,833.33	\$	11,000.00
1140	H7	WEIGHT ASSY, BE	70107-08404-064	6	NID	5	4,388.00	\$	4,516.00	\$	4,636.00	\$	4,510.00	\$	27,000.00
1141	H7	TRANSMISSION, M	70351-08001-049	3	23	5	102,990.00	\$	101,817.00	\$	100,358.00	\$	101,721.67	\$	345,165.00
1142	H7	ACTUATOR	70250-13006-103	6	NID	5	2,327.00	\$	2,965.39	\$	674.00	\$	1,988.86	\$	13,953.18

1143	H7	SHAFT ASSY,QUILL	70351-0804-0461	3	NID	\$	1,604.00	\$	1,621.60	\$	1,691.00	\$	1,638.67	\$	4,916.00
1144	H7	CONNECTING LINK, RIG	70400-08110-061	6	27	\$	1,343.00	\$	1,017.00	\$	1,450.00	\$	1,279.00	\$	7,620.00
1145	H7	CONNECTING LINK, RIGID	70400-08110-060	6	27	\$	2,481.00	\$	846.00	\$	1,300.00	\$	1,592.33	\$	9,254.00
1146	H7	SHOCK ABSORBER, DIRECT ACTION, L&N	70250-13101-044	3	32	\$	9,766.55	NC		\$	11,340.00	\$	10,559.28	\$	31,659.83
1147	H7	FWD BELCRANK ASSY	70400-08101-046	3	27	\$	2,605.00	\$	1,777.00	\$	3,655.81	\$	3,655.81	\$	10,967.43
1148	H7	VALVE	70300-02102-104	3	NID	\$	1,844.35	NC		\$	2,197.27	\$	2,020.76	\$	6,062.38
1149	H7	ENCLOSURE ASSEMBLY	70350-01141-041	3	NID	\$	3,478.83	\$	3,335.97	\$	3,545.97	\$	3,335.26	\$	10,176.77
1150	H7	VALVE, OVERSPIKE	3046137-032	3	72	\$	3,339.00	NC		\$	3,521.00	\$	3,460.00	\$	10,290.00
1151	H7	VALVE, BLEED/TURBINE	605413-0977	3	75	\$	6,170.00	\$	16,900.00	\$	5,091.00	\$	5,336.67	\$	28,121.00
1152	H7	OUTPUT SHAFT ASSY	30651231-091	3	27	\$	3,606.00	\$	2,333.00	\$	27,900.00	\$	23,032.00	\$	69,906.00
1153	H7	FUEL CONTROL MAIN	60617520-037	6	28	\$	35,010.00	\$	30,400.00	\$	115,112.00	\$	115,112.00	\$	693,272.00
1154	H7	CONTROL UNIT APL	4504587	3	NID	\$	13,618.00	\$	14,358.00	\$	14,580.00	\$	18,111.33	\$	42,334.00
1155	H7	VALVE, OVERSPIKE	6044178-004	3	72	\$	3,339.00	NC		\$	3,521.00	\$	3,460.00	\$	10,290.00
1156	H7	VALVE ASSEMBLY, ANTI-ICING, JET ENGINE	5066158-007	6	75	\$	5,773.00	\$	5,550.00	\$	5,951.00	\$	5,667.00	\$	34,430.00
1157	H7	WADS-AT BASIC KIT	203333-06	9	25	\$	21,856.00	\$	22,896.00	\$	NC	\$	22,896.00	\$	206,064.00
1158	H7	TEST SEL, AIR DATA	18111A-665	9	25	\$	1,235.00	\$	9,279.25	\$	NC	\$	14,246.76	\$	128,220.80
1159	H7	BIM CHECK & FIL	ECT-0002	6	NID	\$	7,437.80	NC		\$	9,809.25	\$	8,623.53	\$	51,741.15
1160	H7	TEST SET	1295B-1	6	25	\$	51,845.53	\$	34,977.70	\$	30,050.00	\$	38,957.74	\$	233,746.46
1161	H7	TEST SET, FUEL	PSD90-2R	9	25	\$	10,425.55	\$	8,793.28	\$	14,298.50	\$	14,298.50	\$	128,686.50
1162	H7	TESTER, FUEL INTEGRITY	882000FHT	9	25	\$	5,702.00	\$	6,757.00	\$	6,619.00	\$	6,359.33	\$	57,234.00
1163	F5	AB CASING AND NOZZLE ASSY (AFTERBURNER)	6041102-037	35	81	\$	14,300.00	NE		\$	NE	\$	14,300.00	\$	500,500.00
1164	F5	AB CASING AND NOZZLE ASSY (AFTERBURNER)	6041102-004	6	81	\$	14,300.00	NE		\$	NE	\$	14,300.00	\$	85,800.00
1165	F5	AB CASING AND NOZZLE ASSY (AFTERBURNER)	6011125-018	3	81	\$	14,300.00	\$	14,300.00	\$	NE	\$	14,300.00	\$	42,900.00
1166	F5	AB FUEL CONTROL	6006118-013	12	73	\$	37,665.95	NC		\$	33,041.75	\$	35,353.85	\$	424,246.20
1167	F5	ACTUATOR, ELECTRO-MECHANICAL, DOOR, GROUND COOLING, 100A/115V, 0.05HP, 400 HERTZ, STEEL/PO	499-00-3	18	24	\$	21,897.34	\$	54,533.74	\$	49,301.75	\$	38,215.54	\$	687,879.72
1168	F5	ACTUATOR, ELECTRO-MECHANICAL, LINEAR	LA12-27-3	7	24	\$	4,804.95	\$	-	\$	8,888.77	\$	2,402.48	\$	16,817.33
1169	F5	ACTUATOR, ELECTRO-MECHANICAL, LINEAR	AL1020M4	16	24	\$	4,804.95	\$	9,832.06	\$	8,888.77	\$	7,318.51	\$	117,096.08
1170	F5	ACTUATOR, ELECTRO-MECHANICAL, LINEAR	AL1020M5	11	24	\$	2,191.00	\$	2,135.17	\$	5,192.00	\$	2,163.09	\$	23,793.94
1171	F5	ACTUATOR, ELECTRO-MECHANICAL, ROTARY	103D100	15	24	\$	6,224.05	\$	12,6NC1,75	\$	27,694.84	\$	16,959.45	\$	254,391.68
1172	F5	ACTUATOR, ELECTRO-MECHANICAL, ROTARY	1608T100-1	4	24	\$	19,195.40	\$	23,435.28	\$	23,881.00	\$	22,170.56	\$	88,682.24
1173	F5	AFTERBURNER	6041102-008	1	81	\$	14,300.00	\$	13,020.00	\$	NE	\$	13,660.00	\$	13,660.00
1174	F5	ALTIMETER, PRESSURIZED COMPARTMENT	2109-2A	3	34	\$	21,494.14	\$	20,736.49	\$	18,855.33	\$	21,115.32	\$	63,345.95
1175	F5	ALTIMETER, PRESSURIZED COMPARTMENT	CP1A-A7A12	4	34	\$	21,494.14	\$	-	\$	18,855.33	\$	10,747.07	\$	42,988.28
1176	F5	ANTI-ICING VALVE	4025T03P01	1	71	\$	19,245.94	\$	20,043.01	\$	17,582.36	\$	19,644.48	\$	19,644.48
1177	F5	BOX RELAY ASSY, MISC.	3264191-1-3	2	24	\$	450.00	\$	9,450.00	\$	NE	\$	4,950.00	\$	9,900.00
1178	F5	CLOCK, PANEL	CL-ABC-11A-1	3	12	\$	562.40	\$	1,821.00	\$	NE	\$	1,191.70	\$	3,575.10
1179	F5	CLOCK, PANEL	400240	4	12	\$	2,772.37	NC		\$	2,059.10	\$	2,405.74	\$	9,622.94
1180	F5	COIL, IGNITION	5039T90P04	1	74	\$	16,063.74	\$	26,999.00	\$	19,618.50	\$	20,893.75	\$	20,893.75
1181	F5	COMPONENT ASSY, STABILITY	83625-5A	4	22	\$	19,820.70	\$	-	\$	NE	\$	9,910.35	\$	39,641.40
1182	F5	COMPONENT ASSY, STABILITY	83625-5	5	22	\$	13,693.00	\$	13,693.00	\$	13,693.00	\$	13,693.00	\$	68,465.00
1183	F5	CONTROL UNIT, WEAPON	8571013-403A	1	NID	\$	2,937.00	\$	-	\$	NE	\$	1,468.50	\$	1,468.50




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1184	F5	CONTROL, STABILITY AUGMENTATION	837278-C	7	22	\$	6,000.00	\$	-	NE	\$	3,000.00	\$	21,000.00	
1185	F5	CONTROL GENERATOR	976990Z-5	41	24	\$	1,216.00	\$	1,250.00	NE	\$	1,233.00	\$	50,553.00	
1185	F5	CONTROL LANDING GEAR	247-11	1	32	\$	3,978.01	\$	3,944.85	NC	\$	3,961.43	\$	3,961.43	
1187	F5	CONTROLLER	837278-1	4	22	\$	6,262.05	\$	NC	\$	6,131.60	\$	6,196.83	\$	24,787.32
1188	F5	CONTROLLER AIR PRESSURE AIRCRAFT CABIN	749145-2	8	21	\$	5,897.64	\$	NC	\$	10,834.69	\$	8,366.17	\$	66,929.32
1189	F5	CONTROLLER ALTITUDE STABILITY AUGMENTATION	837278	1	22	\$	2,786.84	\$	2,786.84	\$	2,532.61	\$	2,718.76	\$	2,718.76
1190	F5	CYLINDER ASSEMBLY ACTUATING LINE, W/O NOSE LANDING GEAR DOOR ACTUATING	2-13140-502	1	29	\$	2,546.53	\$	NC	\$	10,791.33	\$	6,668.93	\$	6,668.93
1191	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	6-43070-503	2	29	\$	2,747.33	\$	265NC,54	\$	2,410.09	\$	2,578.74	\$	5,157.47
1192	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	4035769P04	26	71	\$	22,403.40	\$	2NC6NC0,33	\$	18,518.73	\$	20,461.07	\$	53,198.69
1193	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	14-43140-502	20	29	\$	63,159.82	\$	NC	\$	3,754.47	\$	33,457.15	\$	66,914.29
1194	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	2-43100-505	3	29	\$	8,513.64	\$	NC	\$	7,933.65	\$	8,228.65	\$	24,685.94
1195	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	14-43140-501	1	29	\$	18,601.03	\$	NC	\$	16,317.45	\$	17,459.27	\$	17,459.27
1196	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	6-43150-1	3	29	\$	4,476.53	\$	4113,44	\$	4443.17	\$	4,204.99	\$	12,884.96
1197	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	6-43150-2	1	29	\$	4,746.53	\$	9NCNC	\$	4,153.80	\$	4,455.17	\$	4,455.17
1198	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	6-43150-501	1	29	\$	3,279.56	\$	NC	\$	2,722.79	\$	3,001.18	\$	3,001.18
1199	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	14-43090-1	4	29	\$	2,071.21	\$	NC	\$	5,302.51	\$	3,686.86	\$	14,747.44
1200	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	6-43420-501	1	29	\$	1,980.00	\$	NC	\$	15,535.96	\$	8,757.98	\$	8,757.98
1201	F5	CYLINDER ASSEMBLY ACTUATING LINEAR	2-43140-501	2	29	\$	5,557.02	\$	NC	\$	6,749.44	\$	6,153.23	\$	12,506.46
1202	F5	DISTRIBUTION BOX	83710103-602A	1	24	\$	6,000.00	\$	NC	\$	5,875.00	\$	5,957.50	\$	5,957.50
1203	F5	DISTRIBUTION BOX	83710103-601A	2	24	\$	9,056.90	\$	841NC,43	\$	8,575.22	\$	8,816.06	\$	17,632.12
1204	F5	DISTRIBUTION BOX ELECTRICAL	83710102-601A	4	24	\$	13,900.88	\$	139NCNC,88	\$	13,833.40	\$	13,867.14	\$	55,468.56
1205	F5	FUEL CONTROL AB	6006918012B	2	73	\$	28,391.45	\$	-	NE	\$	14,445.73	\$	28,891.45	
1206	F5	FUEL CONTROL MAINTURBINE ENGINE	6011760C19A	22	73	\$	49,414.92	\$	47,948.52	\$	43,348.32	\$	46,903.92	\$	1,031,886.24
1207	F5	GOVERNOR GASOLINE ENGINE	5000T66P10	1	61	\$	28,668.91	\$	NC	\$	25,149.26	\$	26,909.09	\$	26,909.09
1208	F5	INDICATOR SUBASSEMBLY ELECTRICAL	203-014-001	2	31	\$	13,728.42	\$	NC	\$	12,043.00	\$	12,855.91	\$	25,771.42
1209	F5	INDICATOR ATTITUDE	20M11BBAAS	1	77	\$	3,087.11	\$	692NC	\$	3,058.83	\$	3,072.97	\$	3,072.97
1210	F5	INDICATOR ATTITUDE	501-1096-01	4	34	\$	9,001.81	\$	NC	\$	7,896.67	\$	8,449.24	\$	33,796.96
1211	F5	INDICATOR ATTITUDE	501-1098-01	12	34	\$	9,001.81	\$	NC	\$	7,896.67	\$	8,449.24	\$	101,390.88
1212	F5	INDICATOR LIQUID QUANTITY	305-003-002	45	31	\$	14,903.45	\$	NC	\$	14,461.17	\$	14,652.30	\$	660,703.50
1213	F5	INNER LEAF	4021T77G09	2	72	\$	366.00	\$	NC	\$	222.66	\$	264.33	\$	538.66
1214	F5	INNER LEAF POWER STATIC	575A27	3	24	\$	1,009.83	\$	NC	\$	10,794.98	\$	5,902.41	\$	17,707.22
1215	F5	LANDING GEAR CONTROL	247-11-C	2	32	\$	4,707.30	\$	-	NE	\$	2,353.65	\$	4,707.30	
1216	F5	LIGHT LANDING AIRCRAFT	45-0024-1	3	33	\$	45,056.24	\$	3,341,00	\$	7,337.61	\$	29,244.95	\$	87,734.85
1217	F5	LIGHT NAVIGATIONAL AIRCRAFT	40670-21S7979	1	33	\$	7,723.83	\$	19NCNCNC	\$	20,743.56	\$	14,233.70	\$	14,233.70
1218	F5	NOZZLE LEAF INNER	6029T01G01	3	72	\$	1,387.20	\$	143NC	\$	1,287.20	\$	1,287.20	\$	3,804.60
1219	F5	NOZZLE LEAF OUTER EXHAUST	6029T00G01	2	72	\$	752.10	\$	14NCNC	\$	752.10	\$	752.10	\$	1,504.20
1220	F5	PUMP AXIAL PISTONS	66WAZ30046	11	29	\$	25,996.37	\$	NC	\$	24,438.70	\$	25,272.54	\$	277,502.89
1221	F5	PUMP FUEL JET ENGINE	5015T24P12	15	73	\$	21,057.18	\$	358NC5	\$	18,472.01	\$	19,764.60	\$	296,468.93
1222	F5	PUMP RECIPROCATING	501757P04	10	73	\$	10,144.47	\$	1NC144,47	\$	18,472.01	\$	14,308.24	\$	143,052.40
1223	F5	REGULATOR ASSY THROTTLE	14-50826-503C	2	NID	\$	9,007.34	\$	-	NE	\$	4,503.67	\$	9,007.34	
1224	F5	REGULATOR AIR PRESSURE AIRCRAFT CABIN	102108-19-1	3	21	\$	12,063.97	\$	19,961,00	\$	11,402,41,00	\$	1,140,241,00	\$	3,420,723,00
1225	F5	RELAY ELECTROMAGNETIC	B-157	2	24	\$	6,817.44	\$	NC	\$	11,06	\$	3,414.25	\$	6,838.50

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1226	F5	RELAY ELECTROMAGNETIC	B-140BH	9	24	\$	1.360,12	\$	1.887,73	\$	1.214,99	\$	1.487,61	\$	13.388,52
1227	F5	STEERING UNIT,AIRCRAFT NOSEWHEEL	14-43450-501	1	32	\$	16.596,25	NC		\$	14.558,75	\$	15.577,50	\$	15.577,50
1228	F5	SWIVEL JOINT HYDRAULIC	22-901	3	29	\$	315,00	NC		\$	872,69	\$	593,85	\$	1.781,54
1229	F5	TANK,FUEL,AIRCRAFT	14-84155-1	8	28	\$	18.083,00	\$	950,00		NE	\$	9.516,50	\$	76.132,00
1230	F5	TANK,LUBRICATING OIL,AIRCRAFT GA	6003T1P01	1	28	\$	24.022,08	\$	23.175,32	\$	21.072,92	\$	22.756,77	\$	22.756,77
1231	F5	TRANSCIEVER	4023400-0501	1	23	\$	8.516,00	NC		\$	8.516,00	\$	8.516,00	\$	8.516,00
1232	F5	TRANSFORMER RECTIFIER UNIT REGULATED,120A	1-002-01025020 MOD LVI-C	14	24	\$	19.915,51	\$	19.915,51		NE	\$	19.915,51	\$	278.817,14
1233	F5	TRANSMITTER,ANGLE OF ATTACK	10000165-1	14	27	\$	2.022,92	NE		\$	NE	\$	2.022,92	\$	28.320,88
1234	F5	VALVE SHUT-OFF	13673	1	29	\$	3.116,00	\$	2.993,18	\$	2.173,75	\$	2.760,98	\$	2.760,98
1235	F5	VALVE, VENT (KITS AVAILABLE PN 8019 PARTS KIT, VALVE, FIELD REPAIR)	6755	12	28	\$	2.700,00	825NC		\$	61,10	\$	1.380,55	\$	16.566,60
1236	F5	VALVE,BUTTERFLY	50230-1	6	71	\$	6.217,39	13NC4,96		\$	1.179,76	\$	3.698,58	\$	22.191,45
1237	F5	VALVE,FUEL SHUTOFF	AV16E1171B	5	73	\$	2.804,54	\$	24.590,00		NE	\$	13.697,27	\$	68.486,35
1238	F5	VARIABLE GEOMETRY ACTUATOR	4009T30G06	1	NID	\$	7.174,55	\$	7.228,60	\$	6.842,61	\$	7.081,92	\$	7.081,92
1239	F5	VEN POWER UNIT	6008197P05	1	29	\$	55.767,01	56NC29,46		\$	62.130,00	\$	58.948,51	\$	58.948,51
1240	F5	VEN POWER UNIT	6008197P13	1	29	\$	58.076,60	\$	56.353,15	\$	50.946,61	\$	55.125,45	\$	55.125,45
TOTAL \$ 133.131.707,04															
ITENS DO 1º PB REPARA VEIS INTERNACIONAL															
ITENS ADICIONADOS PAMA LS															
ITENS ADICIONADOS PAMA GL															
NOVOS ITENS ADICIONADOS PAMA GL															
ITENS ADICIONADOS PAMA SP															
ITENS F-5 RETIRADOS DO REPARA VEIS NACIONAIS															

Observações:

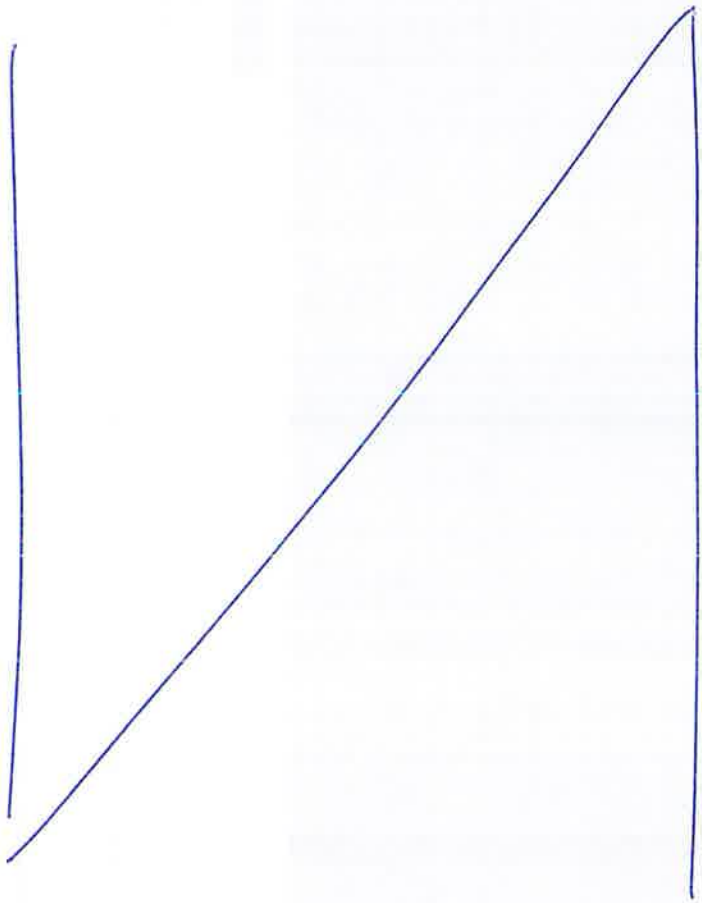
NC - Item não cotado

NE - Item não encontrado

*Os valores pesquisados no SILOMS dos itens
48.68,82,85,86,95,100,117,125,128,146,155,159,170,171,176,178,185,186,193,195,196,197,202,244,248,454,458,460,477,4
83,484,490,491,492,505,514,515,528,544,548,556,564,580,591,609,628,629,637,642,656,658,672,675,677,686,713,718,740,
798,813,846,878,937,966,996,1044,1054,1063,1065,1069,1070,1075,1077,1082,1099,1119,1139,1146,1164,1170,1178,1241
não foram considerados como critério para composição do valor médio dos itens, devido ao fato de se afastarem
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ANEXO B - Preços de Referência por Ata

Item	Ata	Descrição	Distribuição estimada de ocorrências de reparo				Valor Total Referência
			Overhaul	Reparo	Pequeno Reparo	NFF	
1	12	SERVICING ROUTINE MAINTENANCE	30%	50%	15%	5%	\$ 7.979,53
2	17	UNASSIGNED	30%	50%	15%	5%	\$ 5.496.351,81
3	19	UNASSIGNED	30%	50%	15%	5%	\$ 324.389,73
4	21	AIR CONDITIONING	30%	50%	15%	5%	\$ 3.392.940,39
5	22	AUTO FLIGHT	30%	50%	15%	5%	\$ 556.965,17
6	23	COMMUNICATIONS	30%	50%	15%	5%	\$ 4.946.844,10
7	24	ELECTRICAL POWER	30%	50%	15%	5%	\$ 3.506.473,36
8	25	EQUIPMENT / FURNISHINGS	30%	50%	15%	5%	\$ 449.503,91
9	26	FIRE PROTECTION	30%	50%	15%	5%	\$ 145.300,12
10	27	FLIGHT CONTROLS	30%	50%	15%	5%	\$ 4.290.271,94
11	28	FUEL	30%	50%	15%	5%	\$ 3.108.640,78
12	29	HYDRAULIC POWER	30%	50%	15%	5%	\$ 4.216.093,42
13	31	INDICATING/RECORDING SYSTEMS	30%	50%	15%	5%	\$ 809.799,72
14	32	LANDING GEAR	30%	50%	15%	5%	\$ 3.060.829,46
15	33	LIGHTING	30%	50%	15%	5%	\$ 357.117,38
16	34	NAVIGATION	30%	50%	15%	5%	\$ 6.177.451,78
17	35	OXYGEN SYSTEM	30%	50%	15%	5%	\$ 2.319.103,01
18	36	PNEUMATIC	30%	50%	15%	5%	\$ 162.468,69
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)	30%	50%	15%	5%	\$ 58.506,65
20	46	INFORMATION SYSTEM	30%	50%	15%	5%	\$ 201.294,23
21	53	FUSELAGE	30%	50%	15%	5%	\$ 1.530.518,66
22	56	WINDOWS	30%	50%	15%	5%	\$ 9.153,13
23	61	PROPELLERS	30%	50%	15%	5%	\$ 837.202,98
24	62	MAIN ROTOR	30%	50%	15%	5%	\$ 676.784,28
25	63	MAIN ROTOR DRIVE	30%	50%	15%	5%	\$ 613.931,68
26	67	ROTORS FLIGHT CONTROL	30%	50%	15%	5%	\$ 951.210,39
27	71	POWER PLANT	30%	50%	15%	5%	\$ 326.434,55
28	72	ENGINE TURBINE	30%	50%	15%	5%	\$ 4.989.394,77
29	73	ENGINE FUEL AND CONTROL	30%	50%	15%	5%	\$ 2.809.521,64
30	74	IGNITION	30%	50%	15%	5%	\$ 65.420,79
31	75	AIR	30%	50%	15%	5%	\$ 357.101,42
32	76	ENGINE CONTROLS	30%	50%	15%	5%	\$ 234.428,27
33	77	ENGINE INDICATING	30%	50%	15%	5%	\$ 486.681,46
34	79	OIL	30%	50%	15%	5%	\$ 64.200,89
35	80	STARTING	30%	50%	15%	5%	\$ 1.408.074,07
36	81	TURBINES	30%	50%	15%	5%	\$ 1.063.346,75
37	NID	NÃO IDENTIFICADOS	30%	50%	15%	5%	\$ 2.788.863,01
38	OUTROS	OUTROS	30%	50%	15%	5%	\$ 966.096,78

Total Reparos	\$ 63.766.690,68
Serviços adicionais (25%)	\$ 15.941.672,67
Total do Projeto Básico	\$ 79.708.363,35
/3	\$ 26.569.454,45
	\$ 13.284.727,23

Custo estimado - percentual limite sobre o valor do item novo			
Overhaul	Reparo	Pequeno Reparo	NFF
70%	40%	20%	5%

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO HISTÓRICO DE AQUISIÇÃO	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO * OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO * OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO * OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO * OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO
3	CLONE/PAVIL	CL-ABR-11/6-1	1	\$3.575,00	30%	\$834,19	\$834,19	\$834,19	\$3.568,03	50%
3	CLONE/PAVIL	40020	1	\$9.622,00	30%	\$1.684,01	\$3.568,03			50%

Referência da Ata \$ 7.979,53

Valor da Proposta \$

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

CANCELADO

Item	Referência	Proposta
Overhaul	\$ 4.202,22	\$ -
Reparo	\$ 2.877,95	\$ -
Pequeno Reparo	\$ 719,49	\$ -
NRF	\$ 1.798,87	\$ -
Total	\$ 7.979,53	\$ -

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PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 12 - SERVICING ROUTINE MAINTENANCE

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL
P5	CLOCK PANEL	CL-ABU-11A-1	1	\$3.575,10	30%	\$354,19	\$354,19			50%
P5	CLOCK PANEL	110040	4	\$9.622,94	30%	\$1.684,01	\$3.368,03			50%

Referência da Ata \$ 7.979,53

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 4.202,22	\$ -
Reparo	\$ 2.877,95	\$ -
Pequeno Reparo	\$ 719,49	\$ -
NFF	\$ 179,87	\$ -
Total	\$ 7.979,53	\$ -

M DEFESA C AERONAUTICA
 FF: 78
 Proc: 87104
 Rub 001981118-8
 CELOG

PARA SERVIÇOS DESTES PROJETOS BÁSICO - ATA 12 - SERVICING ROUTINE MAINTENANCE

VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$476,68	\$953,36			15%	\$238,34	\$238,34			5%	\$39,59	\$39,59		
\$962,29	\$1.924,59				\$481,15	\$481,15				\$120,29	\$120,29		











PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 17

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL
P3	MANIFOLD HYDRAULIC SYSTEM ACCESSORIES	1339-569353M1	3	\$60.578,00	30%	\$14.134,87	\$14.134,87			50%
P3	MANIFOLD HYDRAULIC SYSTEM ACCESSORIES	H40FDH409M1	3	\$244.315,00	30%	\$57.053,50	\$57.053,50			50%
P3	MANIFOLD CABIN AIR	934630-101	3	\$12.534,01	30%	\$2.877,93	\$2.877,93			50%
P3	VALVE ASSEMBLY MANIFOLD	B40831-1	4	\$55.989,81	30%	\$9.798,22	\$19.596,43			50%
P3	INDICATOR TRIM	15109-3BA1	1	\$6.268,00	30%	\$4.387,60	\$4.387,60			50%
P3	ACCELEROMETER ELECTRICAL LINEAR	3001-01-111	2	\$17.255,83	30%	\$6.039,54	\$6.039,54			50%
P3	ACCELEROMETRO	428523-04	2	\$38.560,00	30%	\$13.426,00	\$13.426,00			50%
P3	ACCELEROMETRO	3119-5AA1	3	\$16.083,52	30%	\$3.752,82	\$3.752,82			50%
P3	ACTUADOR ELECTRO-MECHANICAL, ROTA	9097100	4	\$9.392,00	30%	\$1.643,60	\$3.287,20			50%
P3	ACTUADOR ELECTRO-MECHANICAL, LINE	6311100	4	\$55.003,60	30%	\$9.625,63	\$19.251,26			50%
P3	ACTUATOR ELECTRO-MECHANICAL, ROTA	15647-1A	4	\$108.402,20	30%	\$18.970,39	\$57.940,77			50%
P3	ACTUATOR ELECTRO-MECHANICAL, ROTA	4030	6	\$6.956,40	30%	\$811,58	\$1.623,16			50%
P3	ACTUATOR ELECTRO-MECHANICAL, ROTA	9081100	6	\$21.781,44	30%	\$2.541,17	\$5.082,34			50%
P3	ACTUATOR ELECTRO-MECHANICAL, ROTARY	1034540	4	\$31.718,00	30%	\$5.550,65	\$11.101,30			50%
P3	ANTENNA	573030-1	2	\$118.785,71	30%	\$41.575,00	\$41.575,00			50%
P3	ANTENNA	9599-607-12352	4	\$12.402,74	30%	\$2.170,48	\$4.340,96			50%
P3	ANTENNA	9D20000-1	4	\$5.834,18	30%	\$1.020,98	\$2.041,96			50%
P3	ANTENNA	A1536ARN	1	\$548,93	30%	\$384,25	\$384,25			50%
P3	ANTENNA	DNW25-2	4	\$3.573,74	30%	\$625,40	\$1.250,81			50%
P3	ANTENNA-62A	622-7383-001	5	\$15.012,50	30%	\$2.101,75	\$4.203,50			50%
P3	ANTENNA AT36ARN	91D13159	1	\$749,80	30%	\$524,86	\$524,86			50%
P3	ANTENNA DF	597-2117-201	3	\$92.215,20	30%	\$21.516,88	\$21.516,88			50%
P3	ANTENNA MARKER	DMN27-7	4	\$4.718,84	30%	\$1.651,59	\$1.651,59			50%
P3	ANTENNA-ABBAY-WEATHER RDR	400325-1812	4	\$25.933,22	30%	\$4.538,31	\$9.076,63			50%
P3	ANTENNA-GPS	20-27ECK4	4	\$12.671,00	30%	\$2.217,43	\$4.434,85			50%
P3	CONTROL BOX, ELECTRICAL, AIRCRAFT	2473-1B	5	\$41.680,00	30%	\$5.835,20	\$11.670,40			50%
P3	CONTROL BOX, ELECTRONIC, AIRCRAFT	588531-5	5	\$72.335,00	30%	\$10.126,90	\$20.253,80			50%
P3	CONTROL BOX, ELECTRONIC, AIRCRAFT	629292-1	5	\$15.828,48	30%	\$2.215,99	\$4.431,97			50%
P3	CONTROL DISPLAY-MULTIPURP	5500055-2	3	\$21.740,50	30%	\$3.043,67	\$6.087,34			50%
P3	CONTROL DISPLAY-MULTIPURP	100-60171-004SW84B	3	\$400.941,39	30%	\$93.552,99	\$93.552,99			50%
P3	CONTROL PANEL	928388-1	5	\$7.408,78	30%	\$1.057,23	\$2.074,46			50%
P3	CONTROL PANEL ARMAM	A241	5	\$25.185,43	30%	\$3.525,96	\$7.051,92			50%
P3	CONTROL PANEL TORPEDO	978267-103	4	\$81.120,84	30%	\$14.196,15	\$28.392,29			50%
P3	CONTROL PANEL INDEX	C19405EA	5	\$99.430,00	30%	\$13.923,00	\$27.846,00			50%
P3	CONTROL UNIT	891234-300	5	\$43.438,33	30%	\$6.081,37	\$12.162,73			50%
P3	CONTROL INTERPHONE	449202-5	5	\$20.654,23	30%	\$2.888,79	\$5.777,58			50%
P3	CONTROL INTERPHONE	C4163VAUC23V	5	\$20.654,23	30%	\$2.888,79	\$5.777,58			50%
P3	CONTROL LOCK	A135	5	\$1.896,88	30%	\$265,56	\$531,13			50%
P3	CONTROL COMPUTER AIRS/HKIP	420-003-06-200	5	\$40.126,25	30%	\$5.617,68	\$11.235,35			50%
P3	CONTROL FOLLOW-UP AUTOMATIC PILOT	C1633-AAA	4	\$126.176,26	30%	\$22.080,85	\$44.161,69			50%
P3	CONTROL INTERCOMMUNICATION SET	449204-2	3	\$96.063,33	30%	\$22.414,78	\$22.414,78			50%
P3	CONTROL LIGHT FLASH	927776-101	5	\$34.495,60	30%	\$4.829,38	\$9.658,77			50%
P3	CONTROL VOLUME	905269-1	5	\$42.779,50	30%	\$5.989,13	\$11.978,26			50%
P3	CONTROL INDICATOR	980-0116-003	5	\$21.106,63	30%	\$2.954,93	\$5.909,86			50%



 DEFESA: C AERONAUTICA
 FI: 79
 Proc: 87101
 001981/18-82
 Rub
 CELOG

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTRE PROLETO BÁSICO - ATA 17

P3	DETECTING HEAD	DT-30A5010	5	\$35.084,50	30%	\$4.631,83	\$9.265,66	50%
P3	DETECTOR ASSEMBLY	314436	5	\$31.065,00	30%	\$4.629,20	\$9.258,20	50%
P3	DETECTOR ASSEMBLY	313621	6	\$42.711,56	30%	\$4.983,02	\$9.966,03	50%
P3	DETECTOR ASSEMBLY	644895-1	5	\$16.545,50	30%	\$2.316,09	\$4.632,18	50%
P3	DISPL. A.Y-ETS	C15375E4-01	1	\$145.218,62	30%	\$102.353,03	\$102.353,03	50%
P3	DISPL. A.Y-ETS	C15375E4-02	1	\$145.229,00	30%	\$102.354,00	\$102.354,00	50%
P3	DUMMY LOAD ELECTRICAL	D4-148-7	1	\$504,17	30%	\$632,92	\$632,92	50%
P3	FLIGHT DATA	2214390-21	4	\$193.970,80	30%	\$34.994,89	\$69.989,78	50%
P3	GENERATOR TAGHOME IER	TG255-017	1	\$922,76	30%	\$645,58	\$645,58	50%
P3	GENERATOR REFERENCE SIGNAL	SG1089A-376	3	\$113.454,00	30%	\$26.472,60	\$26.472,60	50%
P3	GENERATOR TAGHOME IER	TC-06A-414	1	\$748,41	30%	\$523,88	\$523,88	50%
P3	GENERATOR TAGHOME IER	TG255-012	1	\$686,58	30%	\$480,61	\$480,61	50%
P3	GROUND TEST AUTOPL	919282-1	6	\$39.914,55	30%	\$4.656,70	\$9.313,40	50%
P3	GYROSCOPE DISPLACEMENT	CN1054	1	\$28.759,20	30%	\$20.131,44	\$20.131,44	50%
P3	GYROSCOPE DISPLACEMENT	14020401-01	4	\$115.528,26	30%	\$20.592,45	\$40.784,89	50%
P3	GYROSCOPE DISPLACEMENT	48253405-01	3	\$272.595,16	30%	\$63.558,87	\$63.558,87	50%
P3	HANDSET	913125-1	1	\$540,00	30%	\$378,00	\$378,00	50%
P3	INDICADOR AIR SPEED	E0739-04-014	5	\$12.725,55	30%	\$2.061,30	\$3.725,99	50%
P3	INDICADOR INTEG ELEK STRY	C1421V-61	2	\$255.740,00	30%	\$89.859,00	\$89.859,00	50%
P3	INDICADOR	15282	5	\$17.412,38	30%	\$2.437,73	\$4.875,47	50%
P3	INDICADOR AIR SPEED	71-C114-014	5	\$16.716,28	30%	\$2.340,28	\$4.680,56	50%
P3	INDICADOR COUNTING	24110	5	\$1.755,63	30%	\$245,79	\$491,58	50%
P3	INDICADOR PRESSURE	6806-C1C-1A-2	5	\$18.660,35	30%	\$2.528,45	\$5.056,90	50%
P3	INDICADOR PRESSURE	SR-31	5	\$15.550,00	30%	\$3.854,90	\$7.709,80	50%
P3	INDICADOR QUANTITY	EAIRBANK-05H	5	\$3.908,80	30%	\$407,23	\$814,46	50%
P3	INDICADOR QUANTITY	DM65B-1	5	\$15.525,30	30%	\$2.145,34	\$4.291,08	50%
P3	INDICADOR COUNTING	MCS344-1	5	\$14.550,00	30%	\$2.009,00	\$4.018,00	50%
P3	INDICADOR ELECTRICAL TAGHOME IER	81891 CAN1	5	\$11.280,00	30%	\$1.579,20	\$3.158,40	50%
P3	INDICADOR INDUCTION COMPASS	IR-1138	5	\$4.924,20	30%	\$689,59	\$1.378,78	50%
P3	INDICADOR LIQUID QUANTITY	301106	5	\$56.505,65	30%	\$7.882,51	\$15.765,02	50%
P3	INDICADOR LIQUID QUANTITY	644565-1	5	\$56.505,65	30%	\$7.882,51	\$15.765,02	50%
P3	INDICADOR MULTIPLE AIR NAVIGATION	100-001721-004	3	\$529.569,59	30%	\$76.899,57	\$76.899,57	50%
P3	INDICADOR PRESSURE	626158-1	3	\$11.925,74	30%	\$4.182,67	\$4.182,67	50%
P3	INDICADOR TEMPERATURE ELECTRICAL	206-0901-301	5	\$11.302,20	30%	\$1.582,31	\$3.164,62	50%
P3	INERTIAL MEASUREMENT UNIT	1005195-002	3	\$220.500,00	30%	\$51.450,00	\$51.450,00	50%
P3	INVERTER ROTARY	MGE93-240	6	\$69.162,00	30%	\$8.068,99	\$16.137,80	50%
P3	INVERTER POWER STATIC	1-001-0102-1016	4	\$82.290,10	30%	\$14.400,77	\$28.801,54	50%
P3	INVERTER POWER STATIC	IE-30-1H1	3	\$15.858,48	30%	\$3.462,31	\$3.462,31	50%
P3	LIGHT CROCKPIT AIRCRAFT	BDS-01082-307	5	\$27.560,73	30%	\$760,85	\$1.521,70	50%
P3	MOTOR GENERATOR	32B180-1B	5	\$21.565,73	30%	\$3.890,50	\$7.681,00	50%
P3	MOTOR DIRECT CURRENT	A3981	5	\$35.880,35	30%	\$7.905,42	\$15.810,84	50%
P3	MOTORAL DRIBNA LING CIRBENT	562030	3	\$62.256,17	30%	\$875,86	\$1.751,73	50%
P3	MOUNTING BASE ELECTRICAL EQUIPMENT	MATE-344R-09V	5	\$12.500,00	30%	\$1.750,00	\$3.500,00	50%
P3	OVEN-MICROWAVE	406-1935-01	5	\$8.915,35	30%	\$1.248,15	\$2.496,30	50%
P3	PANEL ARMAMENT SELE	A218	5	\$12.523,40	30%	\$1.753,28	\$3.506,55	50%
P3	PANEL POWER DISTRIBUTION	K0V2C1	5	\$66.927,15	30%	\$9.369,80	\$18.739,60	50%
P3	PROBE TEMPERATURE	940-0330-001	3	\$423.717,00	30%	\$98.867,20	\$98.867,20	50%
P3	PROCESSOR-AIR DATA	C170530-01	3	\$149.576,00	30%	\$34.854,40	\$34.854,40	50%

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 17

P3	PROCESSOR-IN	802715-0006	1	\$151.415,04	30%	\$105.990,53	\$105.990,53	50%
P3	RECEIVER COORDINATE DATA	597-2138-302	3	\$153.739,90	30%	\$35.877,31	\$35.877,31	50%
P3	RECEIVER RADIO	R666AAR32	1	\$742,95	30%	\$520,07	\$520,07	50%
P3	RECEIVER RADIO	R666BAR32	5	\$10.916,30	30%	\$1.528,31	\$3.056,62	50%
P3	RECEIVER-CONVERTER	60710800-601A	6	\$350.934,79	30%	\$40.944,73	\$81.889,45	50%
P3	RECEIVER-TRANSMITTER-RADAR	40008110105	1	\$51.084,72	30%	\$35.759,30	\$35.759,30	50%
P3	RECEIVER-TRANSMITTER-RADIO	822-0980-003	4	\$31.834,34	30%	\$89.571,04	\$179.142,09	50%
P3	REORDER-FLIGHT DATA	980-4700-041	3	\$88.598,49	30%	\$20.672,98	\$20.672,98	50%
P3	REORDER FLIGHT DATA	980-6020-011	3	\$35.037,51	30%	\$12.375,42	\$12.375,42	50%
P3	RECORDER-REPRODUCER SET SIGNAL D	5030800-001	3	\$168.390,60	30%	\$39.291,14	\$39.291,14	50%
P3	RECORDING SET SIGNAL DATA	C17066AA02	3	\$111.342,75	30%	\$25.979,98	\$25.979,98	50%
P3	REGULATOR, CABLE TEN	0503102-1	5	\$47.310,85	30%	\$6.623,52	\$13.247,04	50%
P3	REGULATOR VOLTAGE	21B18-1B	8	\$38.528,00	30%	\$3.371,20	\$10.113,60	50%
P3	RELAY	B123GL	5	\$36.405,00	30%	\$5.096,70	\$10.193,40	50%
P3	RELAY, ELECTROMAGNETIC	BH138AL	5	\$11.102,98	30%	\$1.554,42	\$3.108,83	50%
P3	RELAY ELECTROMAGNETIC	BH140TH	5	\$8.642,65	30%	\$1.209,97	\$2.419,94	50%
P3	RELAY ELECTROMAGNETIC	BHR138ARL	5	\$32.604,40	30%	\$4.564,62	\$9.129,23	50%
P3	RELAY ELECTROMAGNETIC	TD-403-230M	1	\$309,99	30%	\$216,99	\$216,99	50%
P3	RESISTOR, THERMAL	588533-1	5	\$3.894,45	30%	\$545,22	\$1.090,45	50%
P3	RESISTOR, THERMAL	588534-1	5	\$6.819,35	30%	\$954,71	\$1.909,42	50%
P3	SELECTOR AND SELECT	588530-5	1	\$19.384,50	30%	\$13.709,15	\$13.709,15	50%
P3	SWITCH, THERMOSTATIC	740764-103	5	\$6.249,38	30%	\$874,91	\$1.749,83	50%
P3	SWITCH PRESS	6815651	1	\$714,20	30%	\$499,94	\$499,94	50%
P3	SWITCH, PRESSURE	10524-5	7	\$7394,70	30%	\$739,47	\$2.218,41	50%
P3	SWITCH, PRESSURE	612615-101	6	\$31.663,80	30%	\$3.694,11	\$7.388,22	50%
P3	SWITCH, THERMOSTATIC	683432-7-1	7	\$26.635,07	30%	\$2.663,51	\$7.990,52	50%
P3	SWITCH,RADIO FREQUENCY TRANSMISSION LINE	CS19B	6	\$13.571,76	30%	\$1.583,37	\$3.166,74	50%
P3	SWITCH, THERMOSTATIC	613686-1	7	\$5.466,56	30%	\$546,66	\$1.639,97	50%
P3	SWITCH, WAVEGUIDE	SA512U	7	\$21.052,50	30%	\$2.105,25	\$6.315,75	50%
P3	TIMER DEICER	1035040-1	3	\$146.717,00	30%	\$34.233,97	\$34.233,97	50%
P3	TOUCH- PANEL	SLM-MC03REV7BSW001-01	1	\$12.342,12	30%	\$8.639,48	\$8.639,48	50%
P3	TRANSMITTER-COMPRESS	706619-801	3	\$305.512,92	30%	\$71.286,35	\$71.286,35	50%
P3	TRANSMITTER	497002-01	5	\$80.318,00	30%	\$11.244,52	\$22.489,04	50%
P3	TRANSMITTER - ELT	94N6576 (REV B)	6	\$36.144,60	30%	\$4.216,87	\$8.433,74	50%
P3	TRANSMITTER PRESSURE	626139-1	5	\$31.970,30	30%	\$4.475,84	\$8.951,68	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-182	1	\$1.227,28	30%	\$859,10	\$859,10	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-184	5	\$6.124,58	30%	\$857,44	\$1.714,88	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-188	5	\$10.538,38	30%	\$1.473,37	\$2.946,75	50%
P3	TRANSMITTER PRESSURE	7617-23-A8-1	3	\$7.583,37	30%	\$1.769,45	\$1.769,45	50%
P3	TRANSMITTER PRESSURE	ST109F	1	\$6.394,06	30%	\$4.475,84	\$4.475,84	50%
P3	TRANSMITTER PRESSURE	ST109C	2	\$8.879,00	30%	\$3.107,65	\$3.107,65	50%
P3	TRANSMITTER SIGNAL	705848-801	5	\$74.739,70	30%	\$10.466,36	\$20.932,72	50%
P3	TRANSMITTER TEMPERATURE, ELECTRIC	50B20	6	\$15.378,66	30%	\$1.794,18	\$3.588,35	50%
P3	TRANSMITTER TEMPERATURE, ELECTRIC	A9504D	5	\$6.506,85	30%	\$910,40	\$1.820,80	50%
P3	TRANSMITTER,ANGLE OF ATTACK	MIS28066-30	4	\$105.864,00	30%	\$18.526,20	\$37.052,40	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-178	5	\$18.821,18	30%	\$2.634,97	\$5.269,93	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-180	6	\$21.772,38	30%	\$2.540,10	\$5.080,20	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-183	5	\$13.417,33	30%	\$1.878,43	\$3.756,85	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-185	5	\$7.861,35	30%	\$1.100,59	\$2.201,18	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-187	5	\$30.419,73	30%	\$4.258,76	\$8.517,52	50%
P3	TRANSMITTER LIQUID QUANTITY	391057-189	5	\$11.784,03	30%	\$1.640,76	\$3.281,53	50%



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 FI: 80
 Proc: 87101
 Rub: 001981/18-82
 CELOG

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETOS BÁSICO - ATA 17

P3	TRANSMITTER RATE OF FLOW	8726GAL1	1	\$26.011,00	30%	\$18.207,70	\$18.207,70	50%
P3	TRANSPONDERS JFF #1 (APX-119)	4079100-0507	2	\$132.203,85	30%	\$46.306,35	\$46.306,35	50%
P3	TRANSMITTER LIQUID QUANTITY	39.05741N5	5	\$5.967,35	30%	\$835,43	\$1.670,86	50%
P3	TRU-REGULATE	1-00240102-2014	3	\$48.162,00	30%	\$11.237,80	\$11.237,80	50%
P3	VALVE SOLENOID	190385-	6	\$46.364,15	30%	\$5.409,16	\$10.818,33	50%
P3	VALVE SOLENOID	35-055	1	\$2.498,53	30%	\$1.748,83	\$1.748,83	50%
P3	MANOMETRO	HC-2278	1	\$169,08	30%	\$118,36	\$118,36	50%

Referência da Ata	\$	5.496.351,81
Valor da Proposta	\$	-

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

		Totais	
Item	Valor	Referência	Proposta
Overhaul	\$ 2.619.141,69	\$	\$
Reparo	\$ 2.147.864,82	\$	\$
Pequeno Reparo	\$ 584.014,87	\$	\$
NFF	\$ 145.330,42	\$	\$
Total	\$ 5.496.351,81	\$	\$

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 17

VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$8.077,07	\$16.154,13	\$4.038,53	\$4.038,53	15%	\$16.301,00	\$16.301,00	\$16.301,00	\$16.301,00	5%	\$1.009,63	\$1.009,63	\$1.009,63	\$1.009,63
\$32.602,00	\$65.204,00	\$32.602,00	\$32.602,00	15%	\$65.204,00	\$65.204,00	\$65.204,00	\$65.204,00	5%	\$4.075,25	\$4.075,25	\$4.075,25	\$4.075,25
\$1.644,53	\$3.289,07	\$822,27	\$822,27	15%	\$2.799,49	\$2.799,49	\$2.799,49	\$2.799,49	5%	\$205,57	\$205,57	\$205,57	\$205,57
\$5.598,98	\$11.197,96	\$2.799,49	\$2.799,49	15%	\$1.725,58	\$1.725,58	\$1.725,58	\$1.725,58	5%	\$699,87	\$699,87	\$699,87	\$699,87
\$2.507,20	\$2.507,20	\$1.253,60	\$1.253,60	15%	\$3.836,00	\$3.836,00	\$3.836,00	\$3.836,00	5%	\$313,40	\$313,40	\$313,40	\$313,40
\$3.451,17	\$3.451,17	\$1.725,58	\$1.725,58	15%	\$5.420,11	\$5.420,11	\$5.420,11	\$5.420,11	5%	\$431,40	\$431,40	\$431,40	\$431,40
\$7.672,00	\$7.672,00	\$3.836,00	\$3.836,00	15%	\$1.072,23	\$1.072,23	\$1.072,23	\$1.072,23	5%	\$959,00	\$959,00	\$959,00	\$959,00
\$2.144,47	\$4.288,94	\$2.144,47	\$2.144,47	15%	\$4.696,60	\$4.696,60	\$4.696,60	\$4.696,60	5%	\$268,06	\$268,06	\$268,06	\$268,06
\$5.300,36	\$11.000,72	\$2.750,18	\$2.750,18	15%	\$2.750,18	\$2.750,18	\$2.750,18	\$2.750,18	5%	\$17,40	\$17,40	\$17,40	\$17,40
\$10.840,22	\$21.680,44	\$5.420,11	\$5.420,11	15%	\$231,88	\$231,88	\$231,88	\$231,88	5%	\$687,55	\$687,55	\$687,55	\$687,55
\$463,76	\$1.391,28	\$231,88	\$231,88	15%	\$726,05	\$726,05	\$726,05	\$726,05	5%	\$57,97	\$57,97	\$57,97	\$57,97
\$1.452,10	\$4.356,29	\$726,05	\$726,05	15%	\$1.585,90	\$1.585,90	\$1.585,90	\$1.585,90	5%	\$181,51	\$181,51	\$181,51	\$181,51
\$3.171,80	\$6.343,60	\$1.585,90	\$1.585,90	15%	\$11.878,57	\$11.878,57	\$11.878,57	\$11.878,57	5%	\$396,48	\$396,48	\$396,48	\$396,48
\$23.757,14	\$23.757,14	\$11.878,57	\$11.878,57	15%	\$620,14	\$620,14	\$620,14	\$620,14	5%	\$2.969,64	\$2.969,64	\$2.969,64	\$2.969,64
\$1.340,27	\$2.480,55	\$620,14	\$620,14	15%	\$291,71	\$291,71	\$291,71	\$291,71	5%	\$155,03	\$155,03	\$155,03	\$155,03
\$583,42	\$1.166,84	\$291,71	\$291,71	15%	\$109,79	\$109,79	\$109,79	\$109,79	5%	\$72,93	\$72,93	\$72,93	\$72,93
\$219,57	\$219,57	\$109,79	\$109,79	15%	\$178,69	\$178,69	\$178,69	\$178,69	5%	\$27,45	\$27,45	\$27,45	\$27,45
\$337,37	\$714,75	\$178,69	\$178,69	15%	\$600,50	\$600,50	\$600,50	\$600,50	5%	\$44,67	\$44,67	\$44,67	\$44,67
\$1.201,00	\$3.603,00	\$600,50	\$600,50	15%	\$149,96	\$149,96	\$149,96	\$149,96	5%	\$150,13	\$150,13	\$150,13	\$150,13
\$299,92	\$299,92	\$149,96	\$149,96	15%	\$6.147,68	\$6.147,68	\$6.147,68	\$6.147,68	5%	\$37,49	\$37,49	\$37,49	\$37,49
\$12.295,36	\$24.590,72	\$6.147,68	\$6.147,68	15%	\$235,94	\$235,94	\$235,94	\$235,94	5%	\$1.536,92	\$1.536,92	\$1.536,92	\$1.536,92
\$471,88	\$943,77	\$235,94	\$235,94	15%	\$1.296,66	\$1.296,66	\$1.296,66	\$1.296,66	5%	\$38,99	\$38,99	\$38,99	\$38,99
\$2.593,32	\$5.186,64	\$1.296,66	\$1.296,66	15%	\$633,55	\$633,55	\$633,55	\$633,55	5%	\$324,17	\$324,17	\$324,17	\$324,17
\$1.267,10	\$2.534,20	\$633,55	\$633,55	15%	\$1.667,20	\$1.667,20	\$1.667,20	\$1.667,20	5%	\$158,39	\$158,39	\$158,39	\$158,39
\$3.334,40	\$10.003,20	\$1.667,20	\$1.667,20	15%	\$2.893,40	\$2.893,40	\$2.893,40	\$2.893,40	5%	\$416,80	\$416,80	\$416,80	\$416,80
\$5.786,80	\$17.360,40	\$2.893,40	\$2.893,40	15%	\$633,14	\$633,14	\$633,14	\$633,14	5%	\$723,35	\$723,35	\$723,35	\$723,35
\$1.266,28	\$3.798,83	\$633,14	\$633,14	15%	\$869,62	\$869,62	\$869,62	\$869,62	5%	\$158,28	\$158,28	\$158,28	\$158,28
\$1.739,24	\$5.217,72	\$869,62	\$869,62	15%	\$26.729,43	\$26.729,43	\$26.729,43	\$26.729,43	5%	\$217,41	\$217,41	\$217,41	\$217,41
\$33.458,85	\$106.917,70	\$26.729,43	\$26.729,43	15%	\$296,35	\$296,35	\$296,35	\$296,35	5%	\$6.682,36	\$6.682,36	\$6.682,36	\$6.682,36
\$592,70	\$1.177,40	\$296,35	\$296,35	15%	\$1.007,42	\$1.007,42	\$1.007,42	\$1.007,42	5%	\$74,09	\$74,09	\$74,09	\$74,09
\$2.014,83	\$6.044,50	\$1.007,42	\$1.007,42	15%	\$4.056,04	\$4.056,04	\$4.056,04	\$4.056,04	5%	\$251,85	\$251,85	\$251,85	\$251,85
\$8.112,08	\$16.224,17	\$4.056,04	\$4.056,04	15%	\$3.978,00	\$3.978,00	\$3.978,00	\$3.978,00	5%	\$1.014,01	\$1.014,01	\$1.014,01	\$1.014,01
\$7.956,00	\$23.868,00	\$3.978,00	\$3.978,00	15%	\$1.737,53	\$1.737,53	\$1.737,53	\$1.737,53	5%	\$994,30	\$994,30	\$994,30	\$994,30
\$3.475,07	\$10.425,20	\$1.737,53	\$1.737,53	15%	\$825,37	\$825,37	\$825,37	\$825,37	5%	\$206,34	\$206,34	\$206,34	\$206,34
\$1.650,74	\$4.952,21	\$825,37	\$825,37	15%	\$75,88	\$75,88	\$75,88	\$75,88	5%	\$206,34	\$206,34	\$206,34	\$206,34
\$1.650,74	\$4.952,21	\$75,88	\$75,88	15%	\$1.605,05	\$1.605,05	\$1.605,05	\$1.605,05	5%	\$18,97	\$18,97	\$18,97	\$18,97
\$3.210,10	\$9.630,30	\$1.605,05	\$1.605,05	15%	\$6.404,22	\$6.404,22	\$6.404,22	\$6.404,22	5%	\$401,26	\$401,26	\$401,26	\$401,26
\$12.617,63	\$25.235,25	\$6.404,22	\$6.404,22	15%	\$1.379,82	\$1.379,82	\$1.379,82	\$1.379,82	5%	\$1.577,20	\$1.577,20	\$1.577,20	\$1.577,20
\$12.808,44	\$25.616,89	\$6.404,22	\$6.404,22	15%	\$1.379,82	\$1.379,82	\$1.379,82	\$1.379,82	5%	\$1.601,06	\$1.601,06	\$1.601,06	\$1.601,06
\$2.759,65	\$8.278,94	\$1.379,82	\$1.379,82	15%	\$1.711,18	\$1.711,18	\$1.711,18	\$1.711,18	5%	\$344,96	\$344,96	\$344,96	\$344,96
\$3.422,36	\$10.267,08	\$1.711,18	\$1.711,18	15%	\$844,27	\$844,27	\$844,27	\$844,27	5%	\$427,80	\$427,80	\$427,80	\$427,80
\$1.688,53	\$5.065,59	\$844,27	\$844,27	15%					5%	\$211,07	\$211,07	\$211,07	\$211,07





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 Proc: 67101

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETOS BÁSICO - ATA 17

\$113.404,40	\$10.404,40					15%	\$5.202,20	\$5.202,20											
\$25.460,77	\$26.460,77					15%	\$13.230,38	\$13.230,38			5%	\$1.300,55	\$1.300,55						
\$477,39	\$1.432,16					15%	\$238,69	\$238,69			5%	\$3.307,60	\$3.307,60						
\$6.421,60	\$12.843,20					15%	\$3.210,80	\$3.210,80			5%	\$39,67	\$39,67						
\$3.090,95	\$9.272,85					15%	\$1.345,48	\$1.345,48			5%	\$802,70	\$802,70						
\$999,33	\$999,33					15%	\$499,67	\$499,67			5%	\$386,37	\$386,37						
\$67,63	\$67,63					15%	\$33,82	\$33,82			5%	\$124,92	\$124,92						
												\$8,45	\$8,45						

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 19

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO
P3	ALTIMETER	671CK010	1	\$11.695,00	30%	\$8.186,50	\$8.186,50			50%
P3	ALTIMETER PRESSURE	671CLU4035	6	\$38.448,39	30%	\$4.485,65	\$8.971,29			50%
P3	ALTIMETRO ELETRÔNICO	5621484-A	3	\$178.806,00	30%	\$41.721,40	\$41.721,40			50%
P3	AMMETER	8AW43AA4221	1	\$275,35	30%	\$192,74	\$192,74			50%
P3	COMPASS MAGNET	MS17983-2	1	\$572,81	30%	\$400,96	\$400,96			50%
P3	COMPUTER, NAVIGATIONAL	CF632A-SM42	3	\$80.443,50	30%	\$18.770,15	\$18.770,15			50%
P3	COMPUTER AIR DATA	497349-01-01	1	\$100.258,07	30%	\$70.180,65	\$70.180,65			50%
P3	CONTROL BOX ASSEMBLY	6048ZD1	1	\$369,33	30%	\$258,53	\$258,53			50%
P3	CONTROL BOX SONAR	929512-101	1	\$488,76	30%	\$342,13	\$342,13			50%
P3	GAGE, PRESSURE, DIAL INDICATING	AW1 1-218EH	5	\$2.557,55	30%	\$358,06	\$716,11			50%

Referência da Ata \$ 324.389,73

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata.

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 149.740,47	\$ -
Reparo	\$ 122.900,41	\$ -
Pequeno Reparo	\$ 41.396,08	\$ -
NFF	\$ 10.349,77	\$ -
Total	\$ 324.389,73	\$ -

M DEFESA
 FI: 83
 Proc: 67101
 001981/18-83
 Rub
 CELOG

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTTE PROJETO BÁSICO - ATIA 19

VALOR UNITÁRIO DE REFERENCIA PARA REPARO	REFERENCIA TOTAL DE REPAROS	VALOR UNITARIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRENCIAS DE PEQUENO REPARO	VALOR UNITARIO DE REFERENCIA PARA PEQUENO REPARO	REFERENCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITARIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NPF	VALOR UNITARIO DE REFERENCIA PARA NPF	REFERENCIA TOTAL DE NPF	VALOR UNITARIO PROPOSTO PARA NPF	PROPOSTA TOTAL PARA NPF
\$4.678,00	\$4.678,00			15%	\$2.339,00	\$2.339,00			5%	\$584,75	\$584,75		
\$2.563,23	\$7.689,66			15%	\$1.281,61	\$1.281,61			5%	\$320,40	\$320,40		
\$23.840,80	\$17.681,60			15%	\$11.920,40	\$11.920,40			5%	\$2.980,10	\$2.980,10		
\$110,14	\$110,14			15%	\$55,07	\$55,07			5%	\$13,77	\$13,77		
\$229,12	\$229,12			15%	\$114,56	\$114,56			5%	\$28,64	\$28,64		
\$10.725,80	\$21.451,60			15%	\$5.362,90	\$5.362,90			5%	\$1.340,73	\$1.340,73		
\$40.103,23	\$40.103,23			15%	\$20.051,61	\$20.051,61			5%	\$5.012,90	\$5.012,90		
\$147,73	\$147,73			15%	\$73,87	\$73,87			5%	\$18,47	\$18,47		
\$195,50	\$195,50			15%	\$97,75	\$97,75			5%	\$24,44	\$24,44		
\$204,60	\$613,81			15%	\$102,30	\$102,30			5%	\$25,58	\$25,58		

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 21 (AIR CONDITION)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL
F5	ACTUATOR ELECTRO-MECHANICAL	756730-1	3	\$30.342,26	30%	\$7.079,86	\$7.079,86	\$7.079,86	\$7.079,86	50%
F5	REGULATOR AIR PRESSURE AIRCRAFT	2799003-102	4	\$221.892,59	30%	\$58.831,20	\$77.662,41	\$58.831,20	\$77.662,41	50%
P3	VALVE CABIN COMPRESS	DYL23858-1	4	\$36.341,33	30%	\$9.359,73	\$12.719,47	\$9.359,73	\$12.719,47	50%
P3	FAN TUBEXIAL	605640-2-1	6	\$80.364,00	30%	\$9.375,80	\$18.751,60	\$9.375,80	\$18.751,60	50%
P3	VALVE REGULATING FLUID PRESS	57-761-04	1	\$34.946,50	30%	\$24.462,55	\$24.462,55	\$24.462,55	\$24.462,55	50%
P3	VALVE CROSS	4300-11	22	\$438.841,33	30%	\$13.963,13	\$97.741,93	\$13.963,13	\$97.741,93	50%
P3	VALVE BUTTERFLY	40D980	1	\$27.977,67	30%	\$19.584,37	\$19.584,37	\$19.584,37	\$19.584,37	50%
P3	VALVE BUTTERFLY	41D110-1	2	\$26.212,00	30%	\$9.174,20	\$9.174,20	\$9.174,20	\$9.174,20	50%
P3	VALVE BUTTERFLY	40D980	1	\$15.362,00	30%	\$10.753,40	\$10.753,40	\$10.753,40	\$10.753,40	50%
P3	REGULATOR FLUID	792556-1-1	1	\$26.975,00	30%	\$18.882,50	\$18.882,50	\$18.882,50	\$18.882,50	50%
P3	VALVE BUTTERFLY	104403-1-1	4	\$46.687,45	30%	\$8.170,30	\$16.340,61	\$8.170,30	\$16.340,61	50%
P3	CONTROLLER AIR PRESSURE AIRCRAFT	102210-9A	2	\$25.215,00	30%	\$8.825,25	\$8.825,25	\$8.825,25	\$8.825,25	50%
P3	CONTROLLER AIR PRESSURE AIRCRAFT	102210-9	1	\$12.307,67	30%	\$8.615,37	\$8.615,37	\$8.615,37	\$8.615,37	50%
A7	TUBO REFRIGERADOR	738384-28	6	\$80.822,57	30%	\$9.429,35	\$18.858,69	\$9.429,35	\$18.858,69	50%
A7	UNID. REFRIG. PLAC	738443-9	3	\$6.346,14	30%	\$1.480,77	\$1.480,77	\$1.480,77	\$1.480,77	50%
A7	VALVE REGULATING SYSTEM PRESSURE	754751-1	3	\$4.995,09	30%	\$1.392,61	\$26.785,22	\$1.392,61	\$26.785,22	50%
A7	VALVE AND ACTUATOR	BYL830333	30	\$64.718,70	30%	\$1.510,10	\$13.590,93	\$1.510,10	\$13.590,93	50%
T1	COMPRESSOR	31240336-003	19	\$9.400,75	30%	\$346,34	\$2.078,06	\$346,34	\$2.078,06	50%
P3	CONTROLLER AIR PRESSURE AIRCRAFT	102210-9	1	\$12.307,67	30%	\$8.615,37	\$8.615,37	\$8.615,37	\$8.615,37	50%
P3	CONTROLLER AIR PRESSURE AIRCRAFT	102210-9A	2	\$25.215,00	30%	\$8.825,25	\$8.825,25	\$8.825,25	\$8.825,25	50%
P3	VALVE BUTTERFLY	106403-1-1	4	\$46.687,45	30%	\$8.170,30	\$16.340,61	\$8.170,30	\$16.340,61	50%
P3	REGULATOR FLUID	392556-1-1	1	\$26.975,00	30%	\$18.882,50	\$18.882,50	\$18.882,50	\$18.882,50	50%
P3	VALVE BUTTERFLY	40D980	1	\$27.977,67	30%	\$19.584,37	\$19.584,37	\$19.584,37	\$19.584,37	50%
P3	VALVE BUTTERFLY	40D980	1	\$15.362,00	30%	\$10.753,40	\$10.753,40	\$10.753,40	\$10.753,40	50%
P3	VALVE BUTTERFLY	41D110-1	2	\$26.212,00	30%	\$9.174,20	\$9.174,20	\$9.174,20	\$9.174,20	50%
P3	VALVE REGULATING FLUID PRESS	4300-11	22	\$438.841,33	30%	\$13.963,13	\$97.741,93	\$13.963,13	\$97.741,93	50%
P3	FAN TUBEXIAL	605600-2-1	6	\$84.946,50	30%	\$24.462,55	\$24.462,55	\$24.462,55	\$24.462,55	50%
P3	VALVE CABIN COMPRESS	DYL23858-1	4	\$36.341,33	30%	\$9.359,73	\$12.719,47	\$9.359,73	\$12.719,47	50%
P3	REGULATOR AIR PRESSURE AIRCRAFT CABIN	756730-102	3	\$221.892,59	30%	\$17.258,31	\$51.774,94	\$17.258,31	\$51.774,94	50%
P3	REGULATOR AIR PRESSURE AIRCRAFT CABIN	740140-2	8	\$66.929,32	30%	\$5.856,32	\$17.568,95	\$5.856,32	\$17.568,95	50%
F5	REGULATOR AIR PRESSURE AIRCRAFT CABIN	102108-1-1	1	\$5.420.723,00	30%	\$798.168,70	\$798.168,70	\$798.168,70	\$798.168,70	50%

Referência da Ata	\$	3.392.940,39
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Valor da Proposta	\$	-
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Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

M DEFEBA
 FI: 84
 Proc: 67101
 Rub: 001981/18-82
 CELOG

Totais		
Tipo	Referencia	Proposta
Overhaul	\$ 1.507.916,51	\$ -
Reparo	\$ 1.432.295,03	\$ -
Pequeno Reparo	\$ 366.993,95	\$ -
NFF	\$ 85.734,90	\$ -
Total	\$ 3.392.940,39	\$ -

(Handwritten signatures and initials)

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 21 (AIR CONDITION)

VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFR	VALOR UNITÁRIO DE REFERÊNCIA PARA NFR	REFERÊNCIA TOTAL DE NFR	VALOR UNITÁRIO PROPOSTO PARA NFR	PROPOSTA TOTAL PARA NFR
\$4.045,63	\$8.091,27			15%	\$2.022,82	\$2.022,82			5%	\$505,70	\$505,70		
\$2.189,26	\$44.378,52			15%	\$11.094,65	\$11.094,65			5%	\$2.773,66	\$2.773,66		
\$3.654,13	\$7.268,27			15%	\$1.817,07	\$1.817,07			5%	\$454,27	\$454,27		
\$5.357,60	\$16.072,80			15%	\$2.678,80	\$2.678,80			5%	\$669,70	\$669,70		
\$13.978,60	\$13.978,60			15%	\$6.989,30	\$6.989,30			5%	\$1.747,33	\$1.747,33		
\$7.978,93	\$87.768,27			15%	\$3.989,47	\$3.989,47			5%	\$997,37	\$1.994,73		
\$11.191,07	\$11.191,07			15%	\$5.595,53	\$5.595,53			5%	\$1.398,88	\$1.398,88		
\$5.242,40	\$5.242,40			15%	\$2.621,20	\$2.621,20			5%	\$655,30	\$655,30		
\$5.144,80	\$6.144,80			15%	\$3.072,40	\$3.072,40			5%	\$768,10	\$768,10		
\$10.790,00	\$10.790,00			15%	\$5.395,00	\$5.395,00			5%	\$1.348,75	\$1.348,75		
\$4.668,75	\$9.337,49			15%	\$2.334,37	\$2.334,37			5%	\$585,59	\$585,59		
\$5.045,00	\$5.043,30			15%	\$2.521,50	\$2.521,50			5%	\$630,38	\$630,38		
\$4.923,07	\$4.923,37			15%	\$2.461,53	\$2.461,53			5%	\$615,38	\$615,38		
\$5.388,20	\$16.164,59			15%	\$2.694,10	\$2.694,10			5%	\$673,52	\$673,52		
\$846,15	\$1.692,30			15%	\$423,08	\$423,08			5%	\$105,77	\$105,77		
\$7.652,92	\$13.305,84			15%	\$3.826,46	\$3.826,46			5%	\$956,62	\$956,62		
\$666,01	\$1.332,02			15%	\$333,01	\$333,01			5%	\$83,25	\$83,25		
\$862,92	\$12.943,74			15%	\$431,46	\$431,46			5%	\$107,86	\$215,73		
\$197,91	\$1.979,10			15%	\$98,96	\$98,96			5%	\$24,74	\$24,74		
\$4.923,07	\$4.923,07			15%	\$2.461,53	\$2.461,53			5%	\$615,38	\$615,38		
\$5.045,00	\$5.043,30			15%	\$2.521,50	\$2.521,50			5%	\$630,38	\$630,38		
\$4.668,75	\$9.337,49			15%	\$2.334,37	\$2.334,37			5%	\$585,59	\$585,59		
\$10.790,00	\$10.790,00			15%	\$5.395,00	\$5.395,00			5%	\$1.348,75	\$1.348,75		
\$11.191,07	\$11.191,07			15%	\$5.595,53	\$5.595,53			5%	\$1.398,88	\$1.398,88		
\$5.144,80	\$6.144,80			15%	\$3.072,40	\$3.072,40			5%	\$768,10	\$768,10		
\$5.242,40	\$5.242,40			15%	\$2.621,20	\$2.621,20			5%	\$655,30	\$655,30		
\$7.978,93	\$87.768,27			15%	\$3.989,47	\$3.989,47			5%	\$997,37	\$1.994,73		
\$13.978,60	\$13.978,60			15%	\$6.989,30	\$6.989,30			5%	\$1.747,33	\$1.747,33		
\$5.357,60	\$16.072,80			15%	\$2.678,80	\$2.678,80			5%	\$669,70	\$669,70		
\$3.654,13	\$7.268,27			15%	\$1.817,07	\$1.817,07			5%	\$454,27	\$454,27		
\$3.861,89	\$49.309,46			15%	\$4.931,95	\$4.931,95			5%	\$1.232,74	\$1.232,74		
\$3.346,47	\$13.385,86			15%	\$1.673,23	\$1.673,23			5%	\$418,31	\$418,31		
\$456.096,40	\$912.192,80			15%	\$228.048,20	\$228.048,20			5%	\$57.012,05	\$57.012,05		

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M DEFESA
 FI: 85
 Proc: 67101
 00198118-88
 Rub
 CELOG

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 22 (AUTO FLIG

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO DE REPARO
A7	AUTOPILOT COMP	622-4315-123	1	\$23.871,08	30%	\$18.109,76	\$18.109,76			50%
I17	ACTUATOR, TRIM TAB L	70410-02760-047	9	\$359.256,00	30%	\$27.942,13	\$83.826,40			50%
U8	GPS ANTI INCLINATION CONTROL UNIT	MD41-448	2	\$1.835,00	30%	\$642,25	\$642,25			50%
U8	SLAVING ACCESS SERVO	071-1242-06	1	\$1.003,94	30%	\$702,75	\$702,75			50%
U8	AUTOPILOT COMPUTER MFG225	065-00183-050	1	\$13.440,00	30%	\$9.408,00	\$9.408,00			50%
U8	CSA-81 TORQUE SERVO	011-08074-10	1	\$10.088,11	30%	\$7.061,67	\$7.061,67			50%
U8	AUTOPILOT WASPOTROTK735	011-08077-60	3	\$21.575,77	30%	\$5.034,23	\$5.034,23			50%
U8	AVCSHOPEX CONTROL BRG/MC710	011-01020-10	2	\$12.372,42	30%	\$4.350,55	\$4.350,55			50%
U8	SERVO MOTOR DR5070C	065-00178-200	2	\$5.509,35	30%	\$1.928,27	\$1.928,27			50%
U8	AUTOPILOT WASPOTROTK735	195-00183-050	1	\$13.440,00	30%	\$9.408,00	\$9.408,00			50%
U8	ACTUATOR TRIM TAB L	70410-02760-047	18	\$359.256,00	30%	\$13.971,07	\$83.826,40			50%
E5	COMPOSITE ASSY STABILITY	8V525-3A	4	\$39.641,40	30%	\$6.937,25	\$13.874,49			50%
E5	COMPOSITE ASSY STABILITY	8V525-5	5	\$68.465,00	30%	\$9.585,10	\$19.170,20			50%
E5	CONTROL STABILITY ALUMEN (A) P/N	832784-2	7	\$21.000,00	30%	\$2.100,00	\$6.300,00			50%
E5	CONTROL STABILITY ALUMEN (A) P/N	832784-1	4	\$24.787,52	30%	\$4.337,78	\$8.675,56			50%
E5	CONTROL STABILITY ALUMEN (A) P/N	832778	1	\$2.718,76	30%	\$1.903,13	\$1.903,13			50%

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 274.201,47	\$ -
Reparo	\$ 222.124,72	\$ -
Pequeno Reparo	\$ 51.824,57	\$ -
NFF	\$ 8.814,41	\$ -
Total	\$ 556.965,17	\$ -

Referência da Ata	\$	556.965,17
Valor da Proposta	\$	-

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

ROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETO BÁSICO - ATA 22 (AUTO FLIGHT)

VALOR UNITÁRIO DE REFERÊNCIA A PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE Ocorrências DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NPF	VALOR UNITÁRIO DE REFERÊNCIA PARA NPF	REFERÊNCIA ATOTAL DE NPF	VALOR UNITÁRIO PROPOSTO PARA NPF	PROPOSTA TOTAL PARA NPF
\$10.348,43	\$10.348,43			15%	\$5.174,22	\$5.174,22			5%	\$1.293,55	\$1.293,55		
\$15.966,93	\$79.834,67			15%	\$7.983,47	\$15.966,93			5%	\$1.995,87	\$1.995,87		
\$367,00	\$367,00			15%	\$183,50	\$183,50			5%	\$45,88	\$45,88		
\$401,57	\$401,57			15%	\$200,79	\$200,79			5%	\$50,20	\$50,20		
\$5.376,00	\$5.376,00			15%	\$2.688,00	\$2.688,00			5%	\$672,00	\$672,00		
\$4.035,24	\$4.035,24			15%	\$2.017,62	\$2.017,62			5%	\$504,41	\$504,41		
\$2.876,70	\$5.753,40			15%	\$1.438,35	\$1.438,35			5%	\$359,59	\$359,59		
\$2.474,48	\$2.474,48			15%	\$1.237,24	\$1.237,24			5%	\$309,31	\$309,31		
\$1.101,87	\$1.101,87			15%	\$550,94	\$550,94			5%	\$137,73	\$137,73		
\$5.376,00	\$5.376,00			15%	\$2.688,00	\$2.688,00			5%	\$672,00	\$672,00		
\$7.983,47	\$71.851,20			15%	\$3.991,73	\$11.975,20			5%	\$997,93	\$997,93		
\$3.964,14	\$7.928,28			15%	\$1.982,07	\$1.982,07			5%	\$495,52	\$495,52		
\$5.477,20	\$16.431,60			15%	\$2.738,60	\$2.738,60			5%	\$684,65	\$684,65		
\$1.200,00	\$4.800,00			15%	\$600,00	\$1.200,00			5%	\$150,00	\$150,00		
\$2.478,73	\$4.957,46			15%	\$1.239,37	\$1.239,37			5%	\$309,84	\$309,84		
\$1.087,51	\$1.087,51			15%	\$543,75	\$843,75			5%	\$135,94	\$135,94		

(Handwritten signatures and initials)

DEFESA FI: 86
 Proc: 67101
 00198/18-32
 Rub
 NAUTICA
 CELOG

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO
A7	RECEIVER-TRANSMITTER RADIO	622-3774-01	1	\$88.763,54	30%	\$62.134,31	\$62.134,34			50%
A7	INVERTER POWER STATIC MONO	1B10381G	1	\$32.851,33	30%	\$22.981,93	\$22.981,95			50%
A7	COIL RADIO FREQUENCY	156640-1	1	\$382,36	30%	\$267,58	\$267,58			50%
A7	BAND DATA UNIT	29185900	1	\$995,39	30%	\$696,77	\$696,77			50%
A7	RECEIVER-TRANSMITTER RADIO 1	154000	1	\$50.444,71	30%	\$35.311,29	\$35.311,29			50%
A7	ANTENNA	07141550-0101	1	\$27.206,63	30%	\$19.044,64	\$19.044,64			50%
A7	CONTROL DISPLAY UNIT	160M031	1	\$246.601,91	30%	\$172.621,33	\$172.621,33			50%
C3	ANTENNA	071-50001-2105	1	\$8.151,14	30%	\$5.705,80	\$5.705,80			50%
F5	AMPLIFIER ELECTRONIC CONTROL	5071188901	4	\$90.000,00	30%	\$12.600,00	\$35.200,00			50%
F5	AMPLIFIER ELECTRONIC CONTROL	10153880201	2	\$50.519,89	30%	\$17.681,96	\$17.681,96			50%
H7	RECEIVER-TRANSMITTER RADAR	H67709AD02	8	\$296.527,72	30%	\$208.569,38	\$77.838,53			50%
H7	CONTROL PANEL	A3011-1B6	8	\$29.697,76	30%	\$20.788,43	\$7.909,33			50%
H7	RECEIVER-TRANSMITTER RADIO	822-1182-202	2	\$76.000,00	30%	\$53.200,00	\$53.200,00			50%
H7	AMPLIFIER ELECTRONIC CONTROL	70902-2201-1-48	3	\$92.007,00	30%	\$21.468,30	\$21.468,30			50%
H7	CONTROL RADIO SET	022-8761-107	3	\$17.045,00	30%	\$10.977,17	\$10.977,17			50%
H7	RECEIVER RADIO	022-4812-202	2	\$17.469,68	30%	\$16.614,39	\$16.614,39			50%
H7	CONTROL RECEIVER	907-2177-204	1	\$3.109,67	30%	\$2.176,77	\$2.176,77			50%
H7	RECEIVER-TRANSMITTER RADAR	403650-0510	1	\$30.321,21	30%	\$21.224,85	\$21.224,85			50%
H7	DISPLAY UNIT RADAR	067-00155-1101	1	\$12.341,69	30%	\$4.319,56	\$4.319,56			50%
H7	CONTROL PANEL RECEIVER	064-1016-05	4	\$27.000,00	30%	\$4.725,00	\$9.450,00			50%
P3	AMPLIFIER ELECTRONIC CONTROL	5590607-1	30%	\$32.016,00	30%	\$11.205,60	\$11.205,60			50%
P3	AMPLIFIER ELECTRONIC CONTROL	54700-1	4	\$64.032,00	30%	\$11.205,60	\$22.411,20			50%
P3	BEACON SUMAR	DK 120	1	\$949,43	30%	\$664,60	\$664,60			50%
P3	HEADSET ELECTRICAL	300100-010	20	\$59.543,20	30%	\$2.084,01	\$12.304,07			50%
P3	STEREO HEADS	1887-0714	2	\$6.248,07	30%	\$2.186,82	\$2.186,82			50%
UR	ANNUNCIATOR PANEL	26-1014-2	3	\$123.597,57	30%	\$28.839,43	\$28.839,43			50%
UR	RECEIVER-EXCITER RADAR	0712015192-0101	9	\$222.012,27	30%	\$17.267,62	\$51.802,86			50%
UR	RECEIVER-TRANSMITTER RADIO - KX165	069-105-25	7	\$33.904,47	30%	\$3.390,45	\$10.171,34			50%
UR	TRANSMITTER	064-1019-21	2	\$6.250,00	30%	\$2.187,50	\$2.187,50			50%
A7	AUDIO CONTROLS	M1035-H194-AAF1	30	\$44.615,40	30%	\$1.487,18	\$9.363,00			50%
I9	CARD AND BOARD	022-1087-0411	1	\$3.367,57	30%	\$2.357,30	\$2.357,30			50%
I9	RADIO WAVE TRANSMITTER	A84291	4	\$5.932,84	30%	\$1.977,61	\$7.910,44			50%
UR	AUDIO PANEL GMA-1147	01140889-01	1	\$5.900,00	30%	\$4.130,00	\$4.130,00			50%
UR	RADIO WAVE TRANSMITTER	011-06883-20	9	\$256.619,21	30%	\$19.959,27	\$59.877,81			50%
UR	RECEIVER-TRANSMITTER TRANSMITTER	066-1054-30	1	\$3.130,07	30%	\$2.191,05	\$2.191,05			50%
UR	INDICATOR RADAR (TIMER-TYPE) K150	066-3053-01	4	\$5.498,32	30%	\$962,24	\$1.924,48			50%
UR	RECEIVER RADAR	066-3114-00	30	\$122.727,00	30%	\$2.865,63	\$25.772,67			50%
P3	STEREO HEADS	31972	2	\$6.248,07	30%	\$2.186,82	\$2.186,82			50%
P3	HEADSET ELECTRICAL	303100-010	20	\$59.543,20	30%	\$2.084,01	\$12.304,07			50%
P3	AMPLIFIER ELECTRONIC CONTROL	543700-1	1	\$64.032,00	30%	\$11.205,60	\$11.205,60			50%
P3	AMPLIFIER ELECTRONIC CONTROL	5590607-3	2	\$31.016,00	30%	\$11.205,60	\$22.411,20			50%
P3	BEACON SUMAR	DK 120	1	\$949,43	30%	\$664,60	\$664,60			50%
P3	AMPLIFIER ELECTRONIC CONTROL	522-1394-003	2	\$4.831,34	30%	\$1.691,04	\$1.691,04			50%
P3	AMPLIFIER AUDIO FREQUENCY	7-552-7	2	\$15.706,76	30%	\$5.497,37	\$5.497,37			50%
P3	AMPLIFIER ELECTRONIC CONTROL	23059686	2	\$12.635,47	30%	\$7.572,42	\$7.572,42			50%
P3	CONTROL RADIO SET	622-8761-107	3	\$17.045,00	30%	\$10.977,17	\$10.977,17			50%
P3	CONTROL NAVIGATOR	C1061AS1E	5	\$5.387,50	30%	\$1.782,25	\$1.782,25			50%
F3	CONVERTER TRU	28V520074	1	\$12.161,45	30%	\$12.161,45	\$12.161,45			50%
F3	CONVERTER TRU	M553132-1	4	\$122.588,00	30%	\$21.452,00	\$42.903,80			50%
F3	COUPLER ANTENNA	522-1117-004	1	\$398,69	30%	\$279,08	\$279,08			50%
F3	COUPLER DIRECTIONAL	C17733AP-880	5	\$3.908,05	30%	\$2.335,15	\$2.335,15			50%
F3	COUPLER ANTENNA	822-0291-001	5	\$132.098,05	30%	\$18.493,73	\$36.987,45			50%
F3	COUPLER DIRECTIONAL	403270-1	4	\$15.965,55	30%	\$2.335,15	\$4.470,30			50%
F3	DIRECTIONAL ELECTRONIC	N07125N	4	\$99.000,00	30%	\$17.325,00	\$34.650,00			50%
F3	DRIVE ANTENNA	400504-0503	6	\$142.487,81	30%	\$16.623,58	\$33.247,16			50%
F3	INTERCONNECTING BOX	409596-1	5	\$21.309,23	30%	\$3.405,29	\$6.806,58			50%
F3	INTERALOMETER BOMBEL EASE	985677-107	5	\$53.162,50	30%	\$7.722,75	\$15.445,50			50%
F3	LIGHT NAVIGATIONAL-AIRCRAFT	30-1037-1	5	\$47.264,82	30%	\$6.617,07	\$13.234,15			50%
P3	Loudspeaker	17ND100-1	5	\$3.076,60	30%	\$430,72	\$861,45			50%

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M DEFESA
 Fl: 87
 Proc: 67101
 001984/18-82
 Rub
 CELOG

[Handwritten signatures and initials]

VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$55.505,34	\$55.505,34	\$17.752,67	\$17.752,67	15%	\$17.752,67	\$17.752,67	\$17.752,67	\$17.752,67	5%	\$4.438,17	\$4.438,17	\$4.438,17	\$4.438,17
\$15.132,53	\$15.132,53	\$6.566,27	\$6.566,27	15%	\$6.566,27	\$6.566,27	\$6.566,27	\$6.566,27	5%	\$1.641,57	\$1.641,57	\$1.641,57	\$1.641,57
\$152,90	\$152,90	\$76,45	\$76,45	15%	\$76,45	\$76,45	\$76,45	\$76,45	5%	\$19,11	\$19,11	\$19,11	\$19,11
\$398,16	\$398,16	\$199,08	\$199,08	15%	\$199,08	\$199,08	\$199,08	\$199,08	5%	\$49,77	\$49,77	\$49,77	\$49,77
\$20.177,88	\$20.177,88	\$10.088,94	\$10.088,94	15%	\$10.088,94	\$10.088,94	\$10.088,94	\$10.088,94	5%	\$2.522,24	\$2.522,24	\$2.522,24	\$2.522,24
\$10.882,65	\$10.882,65	\$5.441,33	\$5.441,33	15%	\$5.441,33	\$5.441,33	\$5.441,33	\$5.441,33	5%	\$1.360,33	\$1.360,33	\$1.360,33	\$1.360,33
\$98.640,76	\$98.640,76	\$49.320,38	\$49.320,38	15%	\$49.320,38	\$49.320,38	\$49.320,38	\$49.320,38	5%	\$12.330,10	\$12.330,10	\$12.330,10	\$12.330,10
\$3.260,46	\$3.260,46	\$1.630,23	\$1.630,23	15%	\$1.630,23	\$1.630,23	\$1.630,23	\$1.630,23	5%	\$407,56	\$407,56	\$407,56	\$407,56
\$7.200,00	\$7.200,00	\$3.600,00	\$3.600,00	15%	\$3.600,00	\$3.600,00	\$3.600,00	\$3.600,00	5%	\$900,00	\$900,00	\$900,00	\$900,00
\$10.103,98	\$10.103,98	\$5.051,99	\$5.051,99	15%	\$5.051,99	\$5.051,99	\$5.051,99	\$5.051,99	5%	\$1.263,00	\$1.263,00	\$1.263,00	\$1.263,00
\$14.836,39	\$14.836,39	\$7.418,19	\$7.418,19	15%	\$7.418,19	\$7.418,19	\$7.418,19	\$7.418,19	5%	\$1.853,30	\$1.853,30	\$1.853,30	\$1.853,30
\$1.484,89	\$1.484,89	\$742,44	\$742,44	15%	\$742,44	\$742,44	\$742,44	\$742,44	5%	\$185,61	\$185,61	\$185,61	\$185,61
\$50.400,00	\$50.400,00	\$25.200,00	\$25.200,00	15%	\$25.200,00	\$25.200,00	\$25.200,00	\$25.200,00	5%	\$6.300,00	\$6.300,00	\$6.300,00	\$6.300,00
\$12.267,60	\$12.267,60	\$6.133,80	\$6.133,80	15%	\$6.133,80	\$6.133,80	\$6.133,80	\$6.133,80	5%	\$1.533,45	\$1.533,45	\$1.533,45	\$1.533,45
\$6.272,67	\$6.272,67	\$3.136,33	\$3.136,33	15%	\$3.136,33	\$3.136,33	\$3.136,33	\$3.136,33	5%	\$784,08	\$784,08	\$784,08	\$784,08
\$9.493,94	\$9.493,94	\$4.746,97	\$4.746,97	15%	\$4.746,97	\$4.746,97	\$4.746,97	\$4.746,97	5%	\$1.186,74	\$1.186,74	\$1.186,74	\$1.186,74
\$1.243,87	\$1.243,87	\$621,93	\$621,93	15%	\$621,93	\$621,93	\$621,93	\$621,93	5%	\$155,48	\$155,48	\$155,48	\$155,48
\$12.128,48	\$12.128,48	\$6.064,24	\$6.064,24	15%	\$6.064,24	\$6.064,24	\$6.064,24	\$6.064,24	5%	\$1.516,06	\$1.516,06	\$1.516,06	\$1.516,06
\$2.468,32	\$2.468,32	\$1.234,16	\$1.234,16	15%	\$1.234,16	\$1.234,16	\$1.234,16	\$1.234,16	5%	\$308,54	\$308,54	\$308,54	\$308,54
\$2.700,00	\$2.700,00	\$1.350,00	\$1.350,00	15%	\$1.350,00	\$1.350,00	\$1.350,00	\$1.350,00	5%	\$337,50	\$337,50	\$337,50	\$337,50
\$6.405,20	\$6.405,20	\$3.202,60	\$3.202,60	15%	\$3.202,60	\$3.202,60	\$3.202,60	\$3.202,60	5%	\$800,40	\$800,40	\$800,40	\$800,40
\$379,77	\$379,77	\$189,89	\$189,89	15%	\$189,89	\$189,89	\$189,89	\$189,89	5%	\$47,47	\$47,47	\$47,47	\$47,47
\$1.190,66	\$1.190,66	\$595,43	\$595,43	15%	\$595,43	\$595,43	\$595,43	\$595,43	5%	\$148,86	\$148,86	\$148,86	\$148,86
\$1.249,61	\$1.249,61	\$624,81	\$624,81	15%	\$624,81	\$624,81	\$624,81	\$624,81	5%	\$156,20	\$156,20	\$156,20	\$156,20
\$16.479,68	\$16.479,68	\$8.239,84	\$8.239,84	15%	\$8.239,84	\$8.239,84	\$8.239,84	\$8.239,84	5%	\$2.059,96	\$2.059,96	\$2.059,96	\$2.059,96
\$8.867,21	\$8.867,21	\$4.433,61	\$4.433,61	15%	\$4.433,61	\$4.433,61	\$4.433,61	\$4.433,61	5%	\$1.108,40	\$1.108,40	\$1.108,40	\$1.108,40
\$1.937,40	\$1.937,40	\$968,70	\$968,70	15%	\$968,70	\$968,70	\$968,70	\$968,70	5%	\$242,17	\$242,17	\$242,17	\$242,17
\$594,87	\$594,87	\$297,44	\$297,44	15%	\$297,44	\$297,44	\$297,44	\$297,44	5%	\$74,36	\$74,36	\$74,36	\$74,36
\$1.347,03	\$1.347,03	\$673,51	\$673,51	15%	\$673,51	\$673,51	\$673,51	\$673,51	5%	\$168,38	\$168,38	\$168,38	\$168,38
\$393,28	\$393,28	\$196,64	\$196,64	15%	\$196,64	\$196,64	\$196,64	\$196,64	5%	\$49,16	\$49,16	\$49,16	\$49,16
\$1.400,00	\$1.400,00	\$700,00	\$700,00	15%	\$700,00	\$700,00	\$700,00	\$700,00	5%	\$175,00	\$175,00	\$175,00	\$175,00
\$11.403,30	\$11.403,30	\$5.701,65	\$5.701,65	15%	\$5.701,65	\$5.701,65	\$5.701,65	\$5.701,65	5%	\$1.425,66	\$1.425,66	\$1.425,66	\$1.425,66
\$1.252,03	\$1.252,03	\$626,01	\$626,01	15%	\$626,01	\$626,01	\$626,01	\$626,01	5%	\$156,50	\$156,50	\$156,50	\$156,50
\$549,85	\$549,85	\$274,93	\$274,93	15%	\$274,93	\$274,93	\$274,93	\$274,93	5%	\$68,73	\$68,73	\$68,73	\$68,73
\$1.636,36	\$1.636,36	\$818,18	\$818,18	15%	\$818,18	\$818,18	\$818,18	\$818,18	5%	\$204,55	\$204,55	\$204,55	\$204,55
\$1.249,61	\$1.249,61	\$624,81	\$624,81	15%	\$624,81	\$624,81	\$624,81	\$624,81	5%	\$156,20	\$156,20	\$156,20	\$156,20
\$1.190,66	\$1.190,66	\$595,43	\$595,43	15%	\$595,43	\$595,43	\$595,43	\$595,43	5%	\$148,86	\$148,86	\$148,86	\$148,86
\$6.405,20	\$6.405,20	\$3.202,60	\$3.202,60	15%	\$3.202,60	\$3.202,60	\$3.202,60	\$3.202,60	5%	\$800,40	\$800,40	\$800,40	\$800,40
\$6.405,20	\$6.405,20	\$3.202,60	\$3.202,60	15%	\$3.202,60	\$3.202,60	\$3.202,60	\$3.202,60	5%	\$800,40	\$800,40	\$800,40	\$800,40
\$379,77	\$379,77	\$189,89	\$189,89	15%	\$189,89	\$189,89	\$189,89	\$189,89	5%	\$47,47	\$47,47	\$47,47	\$47,47
\$966,31	\$966,31	\$483,15	\$483,15	15%	\$483,15	\$483,15	\$483,15	\$483,15	5%	\$120,79	\$120,79	\$120,79	\$120,79
\$3.141,35	\$3.141,35	\$1.570,68	\$1.570,68	15%	\$1.570,68	\$1.570,68	\$1.570,68	\$1.570,68	5%	\$392,67	\$392,67	\$392,67	\$392,67
\$4.327,09	\$4.327,09	\$2.163,55	\$2.163,55	15%	\$2.163,55	\$2.163,55	\$2.163,55	\$2.163,55	5%	\$540,89	\$540,89	\$540,89	\$540,89
\$6.272,67	\$6.272,67	\$3.136,33	\$3.136,33	15%	\$3.136,33	\$3.136,33	\$3.136,33	\$3.136,33	5%	\$784,08	\$784,08	\$784,08	\$784,08
\$447,00	\$447,00	\$223,50	\$223,50	15%	\$223,50	\$223,50	\$223,50	\$223,50	5%	\$56,88	\$56,88	\$56,88	\$56,88
\$6.949,40	\$6.949,40	\$3.474,70	\$3.474,70	15%	\$3.474,70	\$3.474,70	\$3.474,70	\$3.474,70	5%	\$868,68	\$868,68	\$868,68	\$868,68
\$12.258,80	\$12.258,80	\$6.129,40	\$6.129,40	15%	\$6.129,40	\$6.129,40	\$6.129,40	\$6.129,40	5%	\$1.532,35	\$1.532,35	\$1.532,35	\$1.532,35
\$159,48	\$159,48	\$79,74	\$79,74	15%	\$79,74	\$79,74	\$79,74	\$79,74	5%	\$19,93	\$19,93	\$19,93	\$19,93
\$1.277,23	\$1.277,23	\$638,61	\$638,61	15%	\$638,61	\$638,61	\$638,61	\$638,61	5%	\$159,65	\$159,65	\$159,65	\$159,65
\$10.567,84	\$10.567,84	\$5.283,92	\$5.283,92	15%	\$5.283,92	\$5.283,92	\$5.283,92	\$5.283,92	5%	\$1.320,98	\$1.320,98	\$1.320,98	\$1.320,98
\$1.277,23	\$1.277,23	\$638,61	\$638,61	15%	\$638,61	\$638,61	\$638,61	\$638,61	5%	\$159,65	\$159,65	\$159,65	\$159,65
\$9.900,00	\$9.900,00	\$4.950,00	\$4.950,00	15%	\$4.950,00	\$4.950,00	\$4.950,00	\$4.950,00	5%	\$1.237,50	\$1.237,50	\$1.237,50	\$1.237,50
\$9.499,19	\$9.499,19	\$4.749,59	\$4.749,59	15%	\$4.749,59	\$4.749,59	\$4.749,59	\$4.749,59	5%	\$1.187,40	\$1.187,40	\$1.187,40	\$1.187,40
\$1.944,74	\$1.944,74	\$972,37	\$972,37	15%	\$972,37	\$972,37	\$972,37	\$972,37	5%	\$243,09	\$243,09	\$243,09	\$243,09
\$4.413,00	\$4.413,00	\$2.206,50	\$2.206,50	15%	\$2.206,50	\$2.206,50	\$2.206,50	\$2.206,50	5%	\$551,63	\$551,63	\$551,63	\$551,63
\$5.781,19	\$5.781,19	\$2.890,59	\$2.890,59	15%	\$2.890,59	\$2.890,59	\$2.890,59	\$2.890,59	5%	\$727,65	\$727,65	\$727,65	\$727,65
\$246,13	\$246,13	\$123,06	\$123,06	15%	\$123,06	\$123,06	\$123,06	\$123,06	5%	\$30,77	\$30,77	\$30,77	\$30,77

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA TOTAL DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO
P2	BATTERY STORAGE	66-3895-1	3	\$47,577.42	30%	\$11,101.40	\$11,101.40	\$11,101.40		50%	\$6,343.66
P2	GENERATOR ALTERNATING CURRENT	8142-004	1	\$52,888.17	30%	\$17,021.72	\$17,021.72	\$17,021.72		50%	\$21,155.27
P2	POWER SUPPLY	7121-200AA1	1	\$22,743.12	30%	\$15,920.18	\$15,920.18	\$15,920.18		50%	\$9,097.25
P2	TRANSFORMER ELECTRIC	1-002-0102000	16	\$318,648.16	30%	\$13,940.86	\$69,704.29	\$69,704.29		50%	\$7,966.30
P5	CONTROL GENERATOR	975-9902-6	30%	\$5,063.90	30%	\$3,544.73	\$3,544.73	\$3,544.73		50%	\$2,025.56
P5	CONTROL GENERATOR	975-9902-4	1	\$7,359.67	30%	\$5,151.77	\$5,151.77	\$5,151.77		50%	\$2,943.87
P5	CONTROL GENERATOR	975-9902-2	1	\$3,897.90	30%	\$2,728.53	\$2,728.53	\$2,728.53		50%	\$1,559.16
P5	ACTIVATOR ELECTRO	181RA38176	33	\$12,100.00	30%	\$770.00	\$770.00	\$770.00		50%	\$440.00
P5	RESISTOR VARIABLE, MOTOR DR	9001-02106-103	1	\$612,640.52	30%	\$129,954.11	\$129,954.11	\$129,954.11		50%	\$74,245.95
P7	CONVERTER SIGNAL	20450-01915-103	1	\$12,404.55	30%	\$8,683.19	\$8,683.19	\$8,683.19		50%	\$4,961.82
P7	CONTROL GENERATOR	975-9902-6	30%	\$23,219.00	30%	\$16,253.30	\$16,253.30	\$16,253.30		50%	\$9,287.60
P7	ACTIVATOR ELECTRO-MECHANICAL	DL1328M4B-4	7	\$4,699.00	30%	\$3,289.30	\$3,289.30	\$3,289.30		50%	\$1,876.00
P7	RELAY, ELECTROMAGNETIC	BER276	1	\$33,031.44	30%	\$23,033.14	\$23,033.14	\$23,033.14		50%	\$12,873.31
P7	RELAY	816-327	1	\$129,951.00	30%	\$854.00	\$854.00	\$854.00		50%	\$488.00
P7	CIRCUIT CARD ASSEMBLY	609145113	30%	\$161,004.00	30%	\$18,783.80	\$57,567.60	\$57,567.60		50%	\$30,321.90
P7	ACTIVATOR ELECTRO-MECHANICAL	DL1328M4B-4	6	\$41,303.68	30%	\$27,843.47	\$27,843.47	\$27,843.47		50%	\$14,907.07
P7	TRANSFORMER POWER AUTO TRANS	2D1000-2B-1035 MOD E	1	\$3,070.11	30%	\$2,149.07	\$2,149.07	\$2,149.07		50%	\$1,208.04
P7	ACTIVATOR ELECTRO-MECHANICAL LINEAR	DL1328M4B-4	3	\$44,313.33	30%	\$30,617.33	\$30,617.33	\$30,617.33		50%	\$16,540.80
P7	INVERTER POWER STATIC	1B350-1B-1	2	\$10,285.92	30%	\$7,200.07	\$7,200.07	\$7,200.07		50%	\$4,047.18
P7	INVERTER STATIC	21B18-1C	1	\$2,567.50	30%	\$1,797.11	\$1,797.11	\$1,797.11		50%	\$1,026.92
P7	REGULATOR VOLTAGE	1B350-1B-1	1	\$5,454.83	30%	\$3,818.00	\$3,818.00	\$3,818.00		50%	\$2,102.92
P7	GENERATOR ENGINE ACCESSORY	AM312006-2	1	\$80,499.30	30%	\$56,349.91	\$56,349.91	\$56,349.91		50%	\$30,173.60
P7	ALTERNATOR	6910992-2	4	\$642.48	30%	\$449.88	\$449.88	\$449.88		50%	\$257.07
P7	ALTERNATOR CONTROL UNIT ASSY	2A3073	1	\$7,265.44	30%	\$5,085.81	\$5,085.81	\$5,085.81		50%	\$2,816.66
P7	GENERATOR TACHOMETER	29-606-003	30	\$129,577.60	30%	\$4,319.59	\$1,295.77	\$1,295.77		50%	\$693.33
P7	REGULATOR VOLTAGE	1B350-1B-1	2	\$10,285.92	30%	\$7,200.07	\$7,200.07	\$7,200.07		50%	\$4,047.18
P7	ACTIVATOR ELECTRO-MECHANICAL	DL1328M4B-4	6	\$44,313.33	30%	\$30,617.33	\$30,617.33	\$30,617.33		50%	\$16,540.80
P7	INVERTER STATIC	21B18-1C	1	\$2,567.50	30%	\$1,797.11	\$1,797.11	\$1,797.11		50%	\$1,026.92
P7	INVERTER POWER STATIC	1B350-1B-1	2	\$10,285.92	30%	\$7,200.07	\$7,200.07	\$7,200.07		50%	\$4,047.18
P7	REGULATOR VOLTAGE	21B18-1C	1	\$2,567.50	30%	\$1,797.11	\$1,797.11	\$1,797.11		50%	\$1,026.92
P7	INVERTER POWER STATIC	21D1000-2B-1035 MOD E	1	\$15,582.18	30%	\$10,907.52	\$10,907.52	\$10,907.52		50%	\$6,232.87
P7	TRANSFORMER POWER AUTO TRANS	667445-13	6	\$161,004.00	30%	\$18,783.80	\$57,567.60	\$57,567.60		50%	\$30,321.90
P7	ACTIVATOR ELECTRO-MECHANICAL	DL1328M4B-4	3	\$44,313.33	30%	\$30,617.33	\$30,617.33	\$30,617.33		50%	\$16,540.80
P7	POWER SUPPLY	816-327	1	\$1,087.29	30%	\$761.10	\$761.10	\$761.10		50%	\$434.92
P7	RELAY	816-327	3	\$1,230.00	30%	\$854.00	\$854.00	\$854.00		50%	\$488.00
P7	RELAY ELECTROMAGNETIC	BER276	1	\$129,951.00	30%	\$18,783.80	\$57,567.60	\$57,567.60		50%	\$30,321.90
P7	ACTIVATOR ELECTRO-MECHANICAL	DL1328M4B-4	7	\$33,031.44	30%	\$23,033.14	\$23,033.14	\$23,033.14		50%	\$12,873.31
P7	ACTIVATOR ELECTRO-MECHANICAL LINEAR	DL1328M4B-4	3	\$174,586.40	30%	\$126,118.00	\$126,118.00	\$126,118.00		50%	\$69,704.29
P7	ACTIVATOR ELECTRO-MECHANICAL	DL1328M4B-4	3	\$174,586.40	30%	\$126,118.00	\$126,118.00	\$126,118.00		50%	\$69,704.29
P7	GENERATOR ALTERNATING CURRENT	28935-65A	3	\$37,188.00	30%	\$26,031.60	\$26,031.60	\$26,031.60		50%	\$14,841.40
P7	STARTER ENGINE ELECTRICAL	372079-10	8	\$17,314.38	30%	\$12,120.06	\$12,120.06	\$12,120.06		50%	\$6,868.08
P7	BATTERY BOX	13875601-401	4	\$30,768.80	30%	\$21,538.16	\$21,538.16	\$21,538.16		50%	\$12,049.08
P7	BATTERY UNIT	A3004991	4	\$312.73	30%	\$218.91	\$218.91	\$218.91		50%	\$120.09
P7	BATTERY W/ PRIMARY	BE-50C	1	\$68,515.43	30%	\$47,960.80	\$47,960.80	\$47,960.80		50%	\$26,881.25
P7	BATTERY STORAGE	40100-1	3	\$14,265.72	30%	\$9,979.16	\$9,979.16	\$9,979.16		50%	\$5,481.25
P7	BOX-RELAY	4492094-1	5	\$14,265.72	30%	\$9,979.16	\$9,979.16	\$9,979.16		50%	\$5,481.25
P7	BOX-RELAY	AL13-3-2402-26	3	\$14,268.00	30%	\$9,980.65	\$9,980.65	\$9,980.65		50%	\$5,484.40
P7	CIRCUIT CARD ASSEMBLY	886-333	2	\$8,800.65	30%	\$6,160.45	\$6,160.45	\$6,160.45		50%	\$3,400.25
P7	CLOCK	400302	2	\$1,484.31	30%	\$1,039.01	\$1,039.01	\$1,039.01		50%	\$584.18
P7	CLOCK	A11841	3	\$5,698.35	30%	\$3,982.84	\$3,982.84	\$3,982.84		50%	\$2,191.18
P7	CLOCK, AIRCRAFT, MECHANICAL	400316	1	\$1,046.71	30%	\$732.93	\$732.93	\$732.93		50%	\$418.68

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AERONAUTICA

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE REVISÃO GERAL E	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REVISÃO GERAL E	VALOR UNITÁRIO DE REFERÊNCIA A PARA REFORMA, REVISÃO GERAL E	REFERÊNCIA A DO TOTAL DE REFORMAS, MODIFICAÇÕES, OES,	VALOR UNITÁRIO PROPOSTO PARA REFORMA	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO
P3	REFRIGERAÇÃO MECÂNICA, FOOD	SR14-101	4	\$76.399,20	30%	\$19.369,86	\$26.739,72			50%	\$7.639,92	\$15.279,84	
H2	Capota Júpiter	766912201113	6	\$60.394,00	30%	\$7.045,97	\$14.091,93			50%	\$4.025,27	\$12.078,80	
H7	RODAS DE BASSO KIT	27913306	9	\$206.064,00	30%	\$16.027,20	\$48.081,60			50%	\$9.158,40	\$45.792,00	
H7	FEST. SET. AERONÁUTICA	11111A-625	9	\$128.220,80	30%	\$9.972,73	\$29.918,19			50%	\$5.698,70	\$28.493,51	
H1	TEST. SET	1266941	6	\$233.746,46	30%	\$27.270,42	\$54.540,84			50%	\$13.583,10	\$46.749,29	
H9	TEST. SET PUMP	1266942K	9	\$128.686,50	30%	\$10.008,95	\$30.026,85			50%	\$5.719,40	\$28.597,00	
H9	TESTER. FIDELITY	1266941T	9	\$57.234,00	30%	\$4.451,53	\$13.354,60			50%	\$2.543,73	\$12.718,67	

Referência da Ata	\$	449.503,91
Valor da Proposta	\$	-

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Totais		
Tipo	Referência	Proposta
Overhaul	\$ 216.753,73	\$ -
Reparo	\$ 189.709,11	\$ -
Pequeno Reparo	\$ 36.744,88	\$ -
NFF	\$ 6.296,19	\$ -
Total	\$ 449.503,91	\$ -

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PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
	15%	\$3.819,96	\$3.819,96			5%	\$954,99	\$954,99		
	15%	\$2.013,13	\$2.013,13			5%	\$503,28	\$503,28		
	15%	\$4.579,20	\$9.158,40			5%	\$1.144,80	\$1.144,80		
	15%	\$2.849,35	\$5.698,70			5%	\$712,34	\$712,34		
	15%	\$7.791,55	\$7.791,55			5%	\$1.947,89	\$1.947,89		
	15%	\$2.859,70	\$5.719,40			5%	\$714,93	\$714,93		
	15%	\$1.271,87	\$2.543,73			5%	\$317,97	\$317,97		

POSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 26 (FIRE PROTECTI

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E
C2	EXTINGUISHER, FIRE CONTROL	892480	1	\$2.145,58	30%	\$1.501,91	\$1.501,91		
UR	CONTROL	477-99008	1	\$486,50	30%	\$486,50	\$486,50		
P3	BROMOCHLORODIFLUOR. TECH. HAND FIRE EXTING	898052	3	\$4.336,03	30%	\$1.011,74	\$1.011,74		
P3	CARTRIDGE, AIRCRAFT FIRE EXTINGUISH	1660A5200	3	\$6.985,66	30%	\$1.629,99	\$1.629,99		
P3	CARTRIDGE, AIRCRAFT FIRE EXTINGUISH	1660A5400	3	\$5.824,68	30%	\$1.359,09	\$1.359,09		
P3	CASE, DISCHARGE PUMP	112-397-1	3	\$66.888,23	30%	\$15.607,25	\$15.607,25		
P3	CONTAINER AND VALVE	893020	3	\$20.933,00	30%	\$4.884,37	\$4.884,37		
P3	CONTAINER ASSY, FIRE	891490-01	4	\$130.994,67	30%	\$22.924,07	\$45.848,13		

Referência da Ata \$ 145.300,12

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 72.328,98	\$ -
Reparo	\$ 55.326,53	\$ -
Pequeno Reparo	\$ 14.115,69	\$ -
NFF	\$ 3.528,92	\$ -
Total	\$ 145.300,12	\$ -

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETOS BÁSICO - ATA 26 (FRE PROTECT)

PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA DE REPAROS DO TOTAL	VALOR UNITÁRIO PROPOSTO PARA PROBLEMA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE NIT	VALOR UNITÁRIO DE REFERÊNCIA PARA NIT	REFERÊNCIA TOTAL DE NIT	VALOR UNITÁRIO PROPOSTO PARA NIT	PROPOSTA TOTAL PARA NIT
50%	\$858,23	\$858,23			15%	\$429,12	\$429,12			5%	\$107,28	\$107,28		
50%	\$278,00	\$278,00			15%	\$139,00	\$139,00			5%	\$34,75	\$34,75		
50%	\$578,14	\$1.156,27			15%	\$289,07	\$289,07			5%	\$72,27	\$72,27		
50%	\$931,42	\$1.862,84			15%	\$465,71	\$465,71			5%	\$116,43	\$116,43		
50%	\$776,62	\$1.553,25			15%	\$388,31	\$388,31			5%	\$97,08	\$97,08		
50%	\$8.918,43	\$17.836,86			15%	\$4.459,22	\$4.459,22			5%	\$1.114,80	\$1.114,80		
50%	\$2.791,07	\$5.582,13			15%	\$1.395,53	\$1.395,53			5%	\$348,88	\$348,88		
50%	\$13.099,47	\$26.198,93			15%	\$6.549,73	\$6.549,73			5%	\$1.637,43	\$1.637,43		

OSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 27 (FLIGHT CONTR

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO DE REFERÊNCIA PARA REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO
F5	TRANSMITTER ANGLE OF ATTACK	2562A13M	27	\$271.146,78	30%	\$7.029,73	\$63.267,38			50%	\$4.016,99
F5	TRANSMITTER ANGLE OF ATTACK	1462A11	5	\$20.837,00	30%	\$2.917,18	\$5.834,36			50%	\$1.666,96
F5	ACTUATOR AILERON LH	3-411605-007	8	\$105.733,23	30%	\$9.076,66	\$27.229,97			50%	\$5.186,66
F7	ACTUATOR ELECTRO-MECHANICAL	R1596A15	12	\$522.008,00	30%	\$18.783,80	\$75.135,20			50%	\$10.107,40
P3	BRAKE WING FLAP	SPL5509-3	4	\$101.074,00	30%	\$17.687,95	\$35.375,90			50%	\$10.107,40
A7	MOTOR ACTUATOR	D1925-5	40	\$1.139.107,20	30%	\$17.687,95	\$239.212,51			50%	\$11.391,07
A7	ACTUATOR RH	D1246-311	40	\$243.185,20	30%	\$4.235,74	\$11.068,89			50%	\$2.431,85
A7	ACTUATOR LH	D1246-411	40	\$100.567,60	30%	\$1.759,93	\$21.119,20			50%	\$1.005,68
T9	DETECTOR POSIC ADCCOMPENSADOR ESTABIL	D10431A0L	3	\$276,51	30%	\$64,52	\$64,52			50%	\$36,87
T9	DETECTOR COMPENSADOR T-25C	D10431A0L1HD	2	\$490,26	30%	\$171,59	\$171,59			50%	\$98,05
T9	DETECTOR FLAP T-25C	D124310011HD	2	\$500,08	30%	\$175,03	\$175,03			50%	\$100,02
T9	ROTORRETE	BAL10M17-1	10	\$36.046,90	30%	\$2.573,28	\$7.573,28			50%	\$1.441,88
L18	ACTUATOR TRIM (K5272A)	065-0061-26	7	\$59.933,37	30%	\$5.993,34	\$17.980,01			50%	\$3.424,76
L18	TRANSDUCER	709-1	20	\$106.792,50	30%	\$3.737,74	\$22.426,43			50%	\$2.133,85
P3	ACTUATOR ELECTRO-MECHANICAL	R1596A15	12	\$322.008,00	30%	\$18.783,80	\$75.135,20			50%	\$10.107,40
P3	BRAKE WING FLAP	SPL5509-3	4	\$101.074,00	30%	\$17.687,95	\$35.375,90			50%	\$10.107,40
P3	BOOSTER HYDRAULIC AILERON	901594-113	3	\$567.595,55	30%	\$132.438,50	\$132.438,50			50%	\$75.679,14
P3	BOOSTER HYDRAULIC RUDDER	938001-111	3	\$454.549,50	30%	\$106.061,55	\$106.061,55			50%	\$60.606,60
P3	CYLINDER ASSY AILERON	901572-1	3	\$48.462,00	30%	\$11.307,80	\$11.307,80			50%	\$6.461,40
P3	BOOSTER ASSY ELEVATOR	938005-105	1	\$245.533,67	30%	\$171.873,57	\$171.873,57			50%	\$98.213,47
P3	BOOSTER HYDRAULIC ELEVATOR	901561-113	3	\$857.706,00	30%	\$200.131,40	\$200.131,40			50%	\$114.360,80
P3	BOOSTER ASSY ELEVATOR	901582-100	3	\$132.882,00	30%	\$31.005,80	\$31.005,80			50%	\$17.717,60
P3	CYLINDER ASSY ELEVATOR	901574-3	3	\$366.198,00	30%	\$85.446,20	\$85.446,20			50%	\$48.836,40
P3	ELEVATOR BOOSTER QUADRANT	921988-1	1	\$29.646,00	30%	\$20.752,20	\$20.752,20			50%	\$11.858,40
P3	ELEVATOR HYDRAULIC ASSY	938004-111	1	\$158.769,00	30%	\$111.838,30	\$111.838,30			50%	\$63.907,60
P3	HYDRAULIC AILERON	938003-111	1	\$120.156,50	30%	\$84.109,55	\$84.109,55			50%	\$48.062,60
P3	HYDRAULIC ASSY BOOSTER AILERON	938002-107	1	\$39.780,00	30%	\$27.846,00	\$27.846,00			50%	\$15.912,00
P3	ACTUATOR ASSY ELEVATOR TRIM TAB LH	933137-101	1	\$15.000,00	30%	\$10.500,00	\$10.500,00			50%	\$6.000,00
P3	ACTUATOR ASSY ELEVATOR TRIM TAB RH	933137-103	3	\$45.000,00	30%	\$10.500,00	\$10.500,00			50%	\$6.000,00
P3	ACTUATOR ASSY TRIM TAB AILERON LH	933137-109	1	\$800,00	30%	\$560,00	\$560,00			50%	\$320,00
P3	ACTUATOR ASSY TRIM TAB AILERON RH	933137-111	4	\$193.814,32	30%	\$33.917,51	\$23.252,46			50%	\$19.381,43
P3	ACTUATOR MECHANICAL LINEAR	SPL5508-3	3	\$99.655,42	30%	\$23.252,46	\$23.252,46			50%	\$13.287,12
P3	GEARBOX FLAP DRIVE	609353-103	3	\$20.837,00	30%	\$972,39	\$4.861,97			50%	\$555,65
P3	TRANSMITTER ANGLE OF ATTACK	2562A11	25	\$271.146,78	30%	\$4.861,97	\$58.400,84			50%	\$2.780,99
P3	TRANSMITTER ANGLE OF ATTACK	2562A11M	99	\$271.146,78	30%	\$6.326,76	\$56.940,82			50%	\$3.615,29
P3	TRANSMITTER ANGLE OF ATTACK	2562A11M	90	\$271.146,78	30%	\$6.326,76	\$56.940,82			50%	\$3.615,29
P3	TRANSMITTER ANGLE OF ATTACK	2562A11M	15	\$20.837,00	30%	\$972,39	\$4.861,97			50%	\$555,65
P3	TRANSMITTER ANGLE OF ATTACK	2562A11M	15	\$271.146,78	30%	\$12.653,52	\$63.267,38			50%	\$7.230,58
P3	CONNECTING LINK RIG	7009408170401	6	\$7.620,00	30%	\$889,00	\$1.778,00			50%	\$508,00
H7	CONNECTING LINK RIGID	7009408110400	6	\$9.254,00	30%	\$1.079,63	\$2.159,27			50%	\$616,93
H7	FOR BULLRANK ASSY	7009408101406	3	\$10.967,43	30%	\$2.559,07	\$2.559,07			50%	\$1.462,32
H7	OUTRIGER SHIELD ASSY	605121021	3	\$69.096,00	30%	\$16.122,40	\$16.122,40			50%	\$9.212,80
P3	TRANSMITTER ANGLE OF ATTACK	1000105-1	14	\$28.320,88	30%	\$1.416,04	\$7.080,22			50%	\$809,17

Referência da Ata \$ 4.290.271,94

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Totais		
Tipo	Referência	Proposta
Overhaul	\$ 1.991.192,61	\$ -
Reparo	\$ 1.766.537,90	\$ -
Pequeno Reparo	\$ 440.776,09	\$ -
NFF	\$ 91.765,33	\$ -
Total	\$ 4.290.271,94	\$ -

M DEFESA FL: 92
Proc: 87101
Rub: 001987/18-82
CELOG

C AERONAUTICA

REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA A PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$56.237,83		\$3.003,49	15%	\$833,48	\$10.042,47			5%	\$502,12	\$1.004,25		
\$3.000,88		\$833,48	15%	\$833,48	\$833,48			5%	\$308,37	\$308,37		
\$20.746,65		\$2.593,33	15%	\$2.593,33	\$7.086,66			5%	\$648,33	\$648,33		
\$64.401,60		\$7.365,80	15%	\$7.365,80	\$10.733,60			5%	\$1.341,70	\$1.341,70		
\$20.214,80		\$5.053,70	15%	\$5.053,70	\$5.053,70			5%	\$1.265,43	\$1.265,43		
\$227.821,44		\$5.695,44	15%	\$5.695,44	\$34.173,22			5%	\$1.423,88	\$2.847,77		
\$48.637,04		\$1.215,93	15%	\$1.215,93	\$7.295,36			5%	\$305,98	\$607,96		
\$20.113,52		\$502,84	15%	\$502,84	\$3.012,03			5%	\$125,71	\$251,42		
\$73,74		\$18,43	15%	\$18,43	\$18,43			5%	\$4,61	\$4,61		
\$98,05		\$49,03	15%	\$49,03	\$49,03			5%	\$12,26	\$12,26		
\$100,02		\$50,01	15%	\$50,01	\$50,01			5%	\$12,50	\$12,50		
\$7.209,38		\$720,94	15%	\$720,94	\$1.441,88			5%	\$180,23	\$180,23		
\$13.699,06		\$1.712,38	15%	\$1.712,38	\$3.424,76			5%	\$428,10	\$428,10		
\$21.358,50		\$1.067,93	15%	\$1.067,93	\$3.203,78			5%	\$366,98	\$366,98		
\$64.401,60		\$5.365,80	15%	\$5.365,80	\$10.733,60			5%	\$1.341,70	\$1.341,70		
\$20.214,80		\$3.053,70	15%	\$3.053,70	\$3.053,70			5%	\$1.265,43	\$1.265,43		
\$151.358,28		\$7.859,57	15%	\$7.859,57	\$37.859,57			5%	\$9.459,89	\$9.459,89		
\$121.213,20		\$0.513,30	15%	\$0.513,30	\$30.503,30			5%	\$7.575,83	\$7.575,83		
\$12.923,20		\$3.230,80	15%	\$3.230,80	\$3.230,80			5%	\$807,70	\$807,70		
\$98.213,47		\$9.116,73	15%	\$9.116,73	\$49.106,73			5%	\$12.276,68	\$12.276,68		
\$228.721,60		\$7.180,40	15%	\$7.180,40	\$57.180,40			5%	\$14.295,10	\$14.295,10		
\$33.435,20		\$8.853,80	15%	\$8.853,80	\$8.853,80			5%	\$2.214,70	\$2.214,70		
\$97.652,80		\$3.413,20	15%	\$3.413,20	\$24.413,20			5%	\$6.105,30	\$6.105,30		
\$11.858,40		\$5.929,20	15%	\$5.929,20	\$5.929,20			5%	\$1.482,30	\$1.482,30		
\$65.907,60		\$1.953,80	15%	\$1.953,80	\$31.953,80			5%	\$7.988,45	\$7.988,45		
\$48.062,60		\$3.401,30	15%	\$3.401,30	\$24.011,30			5%	\$6.007,83	\$6.007,83		
\$15.912,00		\$7.956,00	15%	\$7.956,00	\$1.989,00			5%	\$1.989,00	\$1.989,00		
\$6.000,00		\$3.000,00	15%	\$3.000,00	\$3.000,00			5%	\$750,00	\$750,00		
\$12.000,00		\$3.000,00	15%	\$3.000,00	\$3.000,00			5%	\$750,00	\$750,00		
\$320,00		\$160,00	15%	\$160,00	\$160,00			5%	\$40,00	\$40,00		
\$320,00		\$160,00	15%	\$160,00	\$160,00			5%	\$40,00	\$40,00		
\$38.762,86		\$9.691,72	15%	\$9.691,72	\$9.690,72			5%	\$2.422,68	\$2.422,68		
\$26.574,24		\$5.643,56	15%	\$5.643,56	\$5.643,56			5%	\$1.660,89	\$1.660,89		
\$4.445,23		\$277,83	15%	\$277,83	\$833,48			5%	\$69,46	\$69,46		
\$55.619,83		\$1.391,50	15%	\$1.391,50	\$8.142,98			5%	\$347,62	\$695,25		
\$4.239,36		\$1.807,65	15%	\$1.807,65	\$9.038,23			5%	\$451,91	\$903,82		
\$4.445,23		\$277,83	15%	\$277,83	\$833,48			5%	\$69,46	\$69,46		
\$57.844,65		\$3.615,29	15%	\$3.615,29	\$16.845,87			5%	\$905,82	\$905,82		
\$1.524,00		\$354,00	15%	\$354,00	\$354,00			5%	\$65,50	\$65,50		
\$1.850,80		\$308,47	15%	\$308,47	\$308,47			5%	\$77,12	\$77,12		
\$2.924,65		\$731,16	15%	\$731,16	\$731,16			5%	\$182,79	\$182,79		
\$18.425,60		\$4.605,40	15%	\$4.605,40	\$1.606,40			5%	\$1.151,60	\$1.151,60		
\$5.664,18		\$104,58	15%	\$104,58	\$1.213,75			5%	\$101,15	\$101,15		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 28 (FUEL)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, E REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO
P5	TRANSMITTER RATE OF FLOW	STBSG32	6	\$57.814,24	30%	\$4.419,83	\$8.839,66	\$4.419,83	\$8.839,66	50%	\$2.256,62
P5	TRANSMITTER RATE OF FLOW	STBSG23	4	\$55.910,00	30%	\$6.284,25	\$12.568,50	\$6.284,25	\$12.568,50	50%	\$5.591,00
P1	VALVE ASSEMBLY FUEL TANK	AV16H11B	1	\$10.051,22	30%	\$7.035,85	\$7.035,85	\$7.035,85	\$7.035,85	50%	\$4.020,49
P1	HOUSING VALVE	6-438-101-1	1	\$30.390,25	30%	\$21.210,17	\$21.210,17	\$21.210,17	\$21.210,17	50%	\$12.120,10
P1	VALVE, FUEL, TANK, TRA	6-438-101-1	5	\$95.710,00	30%	\$13.399,40	\$26.798,80	\$13.399,40	\$26.798,80	50%	\$7.656,80
P1	PUMPING ELEMENT, FUEL BOOST	112-283	2	\$14.408,10	30%	\$14.408,10	\$14.408,10	\$14.408,10	\$14.408,10	50%	\$8.233,20
P8	TRANSMITTER RATE OF FLOW	9910338-6	3	\$16.116,00	30%	\$3.760,40	\$3.760,40	\$3.760,40	\$3.760,40	50%	\$2.148,80
U8	FUEL BOOST PUMP	206-8	5	\$12.762,50	30%	\$1.786,75	\$3.573,50	\$1.786,75	\$3.573,50	50%	\$1.021,00
U8	BOMBA DE COMBUSTIVEL	3034792	6	\$11.216,61	30%	\$7.851,63	\$11.989,81	\$7.851,63	\$11.989,81	50%	\$4.486,64
A7	FUEL PUMP	8445	6	\$51.384,90	30%	\$5.994,91	\$11.989,81	\$5.994,91	\$11.989,81	50%	\$3.423,66
A7	BOOSTER PUMP	160-00101	3	\$21.114,11	30%	\$4.926,62	\$4.926,62	\$4.926,62	\$4.926,62	50%	\$2.815,21
A7	PUMP/SETTING	160-097	3	\$12.224,00	30%	\$4.278,40	\$4.278,40	\$4.278,40	\$4.278,40	50%	\$2.444,80
A7	VALVE GATE	AV16H14B	15	\$276.714,08	30%	\$12.913,32	\$64.566,62	\$12.913,32	\$64.566,62	50%	\$7.379,04
A7	VALVE SOLENOID	NDA400AC12011	2	\$3.100,00	30%	\$1.085,00	\$1.085,00	\$1.085,00	\$1.085,00	50%	\$620,00
T1	PUMP ROTARY	07331-101-63	70	\$5.606,98	30%	\$5.924,89	\$5.924,89	\$5.924,89	\$5.924,89	50%	\$3.242,79
T1	PUMP SUBMERGED AIRCRAFT	285-38	70	\$694.805,65	30%	\$6.948,06	\$5.924,89	\$6.948,06	\$5.924,89	50%	\$3.970,52
T9	MANIPOL DIESEL	6311-W	40	\$24.310,00	30%	\$425,43	\$5.105,10	\$425,43	\$5.105,10	50%	\$243,10
U2	VALVE ASSEMBLY ADECOMBUSTIVEL	DG-1228-10L	3	\$832,78	30%	\$582,95	\$582,95	\$582,95	\$582,95	50%	\$333,11
U2	FUEL PUMP	LW12471	3	\$744,00	30%	\$173,61	\$173,61	\$173,61	\$173,61	50%	\$99,21
U8	BOMBA DE COMBUSTIVEL	3034792	15	\$638.867,25	30%	\$29.813,81	\$7.851,63	\$29.813,81	\$7.851,63	50%	\$4.486,64
U8	FUEL PUMP	7028013	2	\$27.580,12	30%	\$9.653,04	\$9.653,04	\$9.653,04	\$9.653,04	50%	\$5.516,02
P3	PUMPING ELEMENT, FUEL BOOST	112-383	2	\$95.710,00	30%	\$14.408,10	\$14.408,10	\$14.408,10	\$14.408,10	50%	\$8.233,20
P3	VALVE, FUEL, TANK, TRA	6-438-101-1	5	\$95.710,00	30%	\$13.399,40	\$26.798,80	\$13.399,40	\$26.798,80	50%	\$7.656,80
P3	HOUSING VALVE	6-438-101-3	1	\$50.390,25	30%	\$21.210,17	\$21.210,17	\$21.210,17	\$21.210,17	50%	\$12.120,10
P3	VALVE ASSEMBLY FUEL TANK	AV16H1131B	1	\$10.051,22	30%	\$7.035,85	\$7.035,85	\$7.035,85	\$7.035,85	50%	\$4.020,49
P3	FUEL CONTROL MAIN TURBINE ENGINE	6895550	3	\$201.412,50	30%	\$46.996,25	\$46.996,25	\$46.996,25	\$46.996,25	50%	\$26.855,00
P3	FUEL CONTROL STARTING TURBINE EN	124556-5	1	\$19.192,14	30%	\$4.478,17	\$4.478,17	\$4.478,17	\$4.478,17	50%	\$2.558,95
P3	VALVE TEMPERATURE DATUM	330508-2	1	\$26.170,50	30%	\$18.319,35	\$18.319,35	\$18.319,35	\$18.319,35	50%	\$10.468,20
P3	PUMP	311500	3	\$41.052,29	30%	\$9.578,87	\$9.578,87	\$9.578,87	\$9.578,87	50%	\$5.473,64
P3	PUMP ROTARY	022489-055-012	3	\$64.228,50	30%	\$14.985,95	\$14.985,95	\$14.985,95	\$14.985,95	50%	\$8.563,40
P3	PUMP ROTARY	9302A3	4	\$46.630,00	30%	\$16.320,50	\$16.320,50	\$16.320,50	\$16.320,50	50%	\$4.663,00
P3	FUEL CONTROL MAIN TURBINE ENGINE	6895608	3	\$201.412,50	30%	\$46.996,25	\$46.996,25	\$46.996,25	\$46.996,25	50%	\$26.855,00
P3	TANK UNIT	391072-02253	3	\$4.951,18	30%	\$3.451,83	\$3.451,83	\$3.451,83	\$3.451,83	50%	\$1.972,47
P3	TANK UNIT	391074-01748	3	\$2.991,39	30%	\$697,99	\$697,99	\$697,99	\$697,99	50%	\$398,85
P3	TANK UNIT	391075-02747	1	\$5.241,00	30%	\$4.040,80	\$4.040,80	\$4.040,80	\$4.040,80	50%	\$2.309,05
P3	VALVE ASSEMBLY CONTROL	330508-1	2	\$5.241,00	30%	\$1.000,11	\$200,23	\$1.000,11	\$200,23	50%	\$10.468,20
P3	COOLER ASSY N°1	219524-1	5	\$715,10	30%	\$156,07	\$312,13	\$156,07	\$312,13	50%	\$89,18
P3	COOLER ASSY N°2	919324-1	4	\$891,80	30%	\$156,07	\$312,13	\$156,07	\$312,13	50%	\$89,18
P3	MAIN PUMP	9303A3	3	\$18.981,00	30%	\$4.428,90	\$4.428,90	\$4.428,90	\$4.428,90	50%	\$2.530,80
P3	PUMP UNIT, RECIPROCATING	607618-1	3	\$120.496,50	30%	\$28.115,85	\$28.115,85	\$28.115,85	\$28.115,85	50%	\$16.066,20
P3	PUMP ROTARY	9301-A3	3	\$40.788,00	30%	\$9.577,20	\$9.577,20	\$9.577,20	\$9.577,20	50%	\$5.438,40
P3	PUMP ROTARY	9305A3	3	\$19.756,50	30%	\$4.609,85	\$4.609,85	\$4.609,85	\$4.609,85	50%	\$2.634,20
P3	TANK UNIT	EA1091A2015	3	\$10.743,00	30%	\$2.506,70	\$2.506,70	\$2.506,70	\$2.506,70	50%	\$1.432,40
P3	TANK UNIT	EA1091A2024	3	\$11.695,50	30%	\$2.728,95	\$2.728,95	\$2.728,95	\$2.728,95	50%	\$1.559,40
P3	VALVE DIRECTIONAL FLAP	52730-2	2	\$26.342,67	30%	\$9.219,93	\$9.219,93	\$9.219,93	\$9.219,93	50%	\$5.268,53
P3	VALVE LEFT-CHECK	48400-301	2	\$39.683,02	30%	\$13.889,06	\$13.889,06	\$13.889,06	\$13.889,06	50%	\$7.956,60
P3	VALVE REGULATING FLOW	99004-18-9	4	\$30.070,68	30%	\$5.512,37	\$7.024,74	\$5.512,37	\$7.024,74	50%	\$2.007,07
P3	VALVE REGULATING FLUID PRESSURE	214051	5	\$19.721,67	30%	\$2.761,03	\$5.522,07	\$2.761,03	\$5.522,07	50%	\$1.577,73
P3	VALVE REGULATING FLUID PRESSURE	3300-1	1	\$5.366,00	30%	\$3.756,20	\$3.756,20	\$3.756,20	\$3.756,20	50%	\$2.146,40
P3	VALVE REGULATING SYSTEM PRESSURE	F102D000-15	4	\$5.616,80	30%	\$19.732,94	\$19.465,88	\$19.732,94	\$19.465,88	50%	\$5.561,68
P3	TANK WINDSHIELD WAS	933363-107	3	\$5.489,25	30%	\$1.280,83	\$1.280,83	\$1.280,83	\$1.280,83	50%	\$731,90
P3	TANK WINDSHIELD WAS	904632-1	3	\$56.449,19	30%	\$13.171,48	\$13.171,48	\$13.171,48	\$13.171,48	50%	\$7.526,56
P3	ADAPTER ASSEMBLY SP	6375-51	3	\$10.713,97	30%	\$3.504,36	\$3.504,36	\$3.504,36	\$3.504,36	50%	\$1.431,06
P3	CONTROL ASSEMBLY	6827963	3	\$35.359,50	30%	\$8.250,55	\$8.250,55	\$8.250,55	\$8.250,55	50%	\$4.714,60
P3	DRAIN VALVE (WING TANKS)	64132-1	3	\$15.275,90	30%	\$3.563,91	\$3.563,91	\$3.563,91	\$3.563,91	50%	\$2.036,52
P3	FUEL SHUTOFF VALVE HOUSING ASSY	AV16F1103	3	\$17.056,67	30%	\$3.979,89	\$3.979,89	\$3.979,89	\$3.979,89	50%	\$2.274,22
P3	FUEL VENT VALVE	63245-15	3	\$61.461,00	30%	\$14.340,90	\$14.340,90	\$14.340,90	\$14.340,90	50%	\$8.194,80
P3	FUELING TRANSFER VALVE ASSY	632423-1	3	\$57.120,00	30%	\$13.328,00	\$13.328,00	\$13.328,00	\$13.328,00	50%	\$7.616,00
P3	FUELING TRANSFER VALVE HOUSING	632423-3	3	\$65.596,47	30%	\$15.505,84	\$15.505,84	\$15.505,84	\$15.505,84	50%	\$8.716,20
P3	LH FUEL VENT VALVE	63245-13	3	\$46.815,00	30%	\$10.925,30	\$10.925,30	\$10.925,30	\$10.925,30	50%	\$5.242,00

M DE FERRARI

 PTC: 87101

 00/198/118-82

 AERONAUTICA

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 28 (FUEL)

M. DEFESA C. AERONAUTICA
 FI: 94
 Proc: 67101
 001981/18-89
 Rub
 CELOG

REFERÊNCIA TOTAL DE REPAROS	VALOR UNITARIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITARIO DE REFERENCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITARIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITARIO DE REFERENCIA PARA NFF	REFERENCI A TOTAL DE NFF	VALOR UNITARIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$7.576,85			15%	\$1.262,81	\$1.262,81			5%	\$315,70	\$315,70		
\$7.182,00			15%	\$1.795,50	\$1.795,50			5%	\$448,88	\$448,88		
\$4.020,49			15%	\$2.010,24	\$2.010,24			5%	\$502,56	\$502,56		
\$12.120,10			15%	\$6.060,05	\$6.060,05			5%	\$1.515,01	\$1.515,01		
\$22.970,40			15%	\$3.828,40	\$3.828,40			5%	\$957,10	\$957,10		
\$8.233,20			15%	\$4.116,60	\$4.116,60			5%	\$1.029,15	\$1.029,15		
\$3.063,00			15%	\$510,50	\$510,50			5%	\$268,60	\$268,60		
\$4.486,64			15%	\$2.243,32	\$2.243,32			5%	\$560,83	\$560,83		
\$10.276,98			15%	\$1.712,83	\$1.712,83			5%	\$428,21	\$428,21		
\$5.630,43			15%	\$1.407,61	\$1.407,61			5%	\$351,90	\$351,90		
\$2.444,80			15%	\$1.222,40	\$1.222,40			5%	\$305,60	\$305,60		
\$39.032,34			15%	\$3.689,52	\$11.068,56			5%	\$922,38	\$922,38		
\$620,00			15%	\$310,00	\$310,00			5%	\$77,50	\$77,50		
\$2.242,79			15%	\$1.121,40	\$1.121,40			5%	\$280,35	\$280,35		
\$18.961,13			15%	\$1.985,16	\$21.836,75			5%	\$496,29	\$1.985,16		
\$333,11			15%	\$166,56	\$166,56			5%	\$50,39	\$60,78		
\$4.486,64			15%	\$49,60	\$49,60			5%	\$41,64	\$41,64		
\$156.291,68			15%	\$8.418,23	\$24.554,69			5%	\$560,83	\$560,83		
\$5.516,02			15%	\$2.758,01	\$2.758,01			5%	\$689,50	\$2.129,56		
\$8.233,20			15%	\$4.116,60	\$4.116,60			5%	\$1.029,15	\$1.029,15		
\$22.970,40			15%	\$3.828,40	\$3.828,40			5%	\$957,10	\$957,10		
\$4.020,49			15%	\$2.010,24	\$2.010,24			5%	\$515,01	\$1.515,01		
\$33.710,00			15%	\$13.427,50	\$13.427,50			5%	\$502,56	\$502,56		
\$5.117,90			15%	\$1.279,48	\$1.279,48			5%	\$335,68	\$3.356,88		
\$10.468,20			15%	\$5.234,10	\$5.234,10			5%	\$319,87	\$319,87		
\$10.947,88			15%	\$2.736,82	\$2.736,82			5%	\$1.308,53	\$1.308,53		
\$17.126,80			15%	\$4.281,70	\$4.281,70			5%	\$684,20	\$684,20		
\$9.326,00			15%	\$2.331,50	\$2.331,50			5%	\$1.070,43	\$1.070,43		
\$33.710,00			15%	\$986,24	\$13.427,50			5%	\$335,68	\$3.356,88		
\$797,70			15%	\$199,43	\$199,43			5%	\$246,56	\$246,56		
\$2.309,05			15%	\$1.154,51	\$1.154,51			5%	\$49,86	\$49,86		
\$10.468,20			15%	\$5.234,10	\$5.234,10			5%	\$288,63	\$288,63		
\$171,62			15%	\$28,60	\$28,60			5%	\$7,15	\$7,15		
\$178,36			15%	\$44,59	\$44,59			5%	\$11,15	\$11,15		
\$5.061,60			15%	\$1.265,40	\$1.265,40			5%	\$316,35	\$316,35		
\$52.132,40			15%	\$8.053,10	\$8.053,10			5%	\$2.008,28	\$2.008,28		
\$10.876,80			15%	\$2.719,20	\$2.719,20			5%	\$679,80	\$679,80		
\$5.268,40			15%	\$1.317,10	\$1.317,10			5%	\$329,28	\$329,28		
\$2.864,80			15%	\$716,20	\$716,20			5%	\$179,05	\$179,05		
\$3.118,80			15%	\$779,70	\$779,70			5%	\$194,95	\$194,95		
\$5.266,53			15%	\$2.634,27	\$2.634,27			5%	\$638,57	\$638,57		
\$7.956,60			15%	\$3.968,30	\$3.968,30			5%	\$992,08	\$992,08		
\$4.014,14			15%	\$1.003,53	\$1.003,53			5%	\$250,88	\$250,88		
\$2.146,40			15%	\$788,87	\$788,87			5%	\$197,22	\$197,22		
\$11.123,36			15%	\$1.073,20	\$1.073,20			5%	\$268,30	\$268,30		
\$1.463,80			15%	\$365,95	\$365,95			5%	\$695,21	\$695,21		
\$15.053,12			15%	\$3.763,28	\$3.763,28			5%	\$940,82	\$940,82		
\$2.869,12			15%	\$715,53	\$715,53			5%	\$178,88	\$178,88		
\$9.429,20			15%	\$2.357,50	\$2.357,50			5%	\$589,53	\$589,53		
\$4.075,04			15%	\$1.018,26	\$1.018,26			5%	\$254,57	\$254,57		
\$4.548,44			15%	\$1.137,11	\$1.137,11			5%	\$284,28	\$284,28		
\$16.389,60			15%	\$4.097,40	\$4.097,40			5%	\$1.024,35	\$1.024,35		
\$15.232,00			15%	\$3.808,00	\$3.808,00			5%	\$952,00	\$952,00		
\$17.492,39			15%	\$4.373,10	\$4.373,10			5%	\$1.093,27	\$1.093,27		
\$12.484,00			15%	\$3.121,00	\$3.121,00			5%	\$780,25	\$780,25		

TOPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 29 (HYDRAULIC PT)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO DE REPARO
P5	VALVE LINEAR DIRECTIONAL CON	H6K6958	3	\$61.941,41	30%	\$14.452,99	\$14.452,99	\$14.452,99		50%
P5	VALVE LINEAR DIRECTIONAL CON	H6G6096	2	\$17.186,71	30%	\$6.015,35	\$6.015,35	\$6.015,35		50%
P5	VALVE LINEAR DIRECTIONAL CON	AV14K1148-1	4	\$78.656,32	30%	\$19.664,08	\$19.664,08	\$19.664,08		50%
P5	SERVO CYLINDER	4-41200-510	2	\$64.629,57	30%	\$32.314,78	\$32.314,78	\$32.314,78		50%
P5	SERVO CYLINDER	4-41200-509	5	\$186.484,77	30%	\$37.296,95	\$37.296,95	\$37.296,95		50%
P5	SERVO CYLINDER	5-43164-506	12	\$134.247,66	30%	\$11.187,31	\$11.187,31	\$11.187,31		50%
P5	CYLINDER ASSEMBLY, ACTUATING,	14-43276-1	8	\$396.812,80	30%	\$49.601,60	\$49.601,60	\$49.601,60		50%
P5	CYLINDER ASSEMBLY, ACTUATING,	14-43264-501	8	\$642.973,04	30%	\$80.371,63	\$80.371,63	\$80.371,63		50%
P5	SERVO VALVE, HYDRAULIC	2223350	4	\$34.566,29	30%	\$8.641,57	\$8.641,57	\$8.641,57		50%
H7	PUMP, HYDRAULIC	74652-02100-050	10	\$152.680,00	30%	\$15.268,00	\$15.268,00	\$15.268,00		50%
P3	MOTOR, HYDRAULIC	MF69-390C-SUBCD4	1	\$9.854,00	30%	\$9.854,00	\$9.854,00	\$9.854,00		50%
P3	PUMP ASSY, HYDRAULIC	108-849-29	1	\$52.946,00	30%	\$52.946,00	\$52.946,00	\$52.946,00		50%
P3	PUMP, WATER AND ALCO	003895-1	1	\$27.646,00	30%	\$27.646,00	\$27.646,00	\$27.646,00		50%
P3	ACCUMULATOR, PNEUMATIC	23711461	1	\$3.181,31	30%	\$3.181,31	\$3.181,31	\$3.181,31		50%
P3	STRUCT SUB ASSEMBLY	401914-105	1	\$56.066,00	30%	\$56.066,00	\$56.066,00	\$56.066,00		50%
P3	FUSE, HYDRAULIC SYSTEM	960-8-30	1	\$2.990,23	30%	\$2.990,23	\$2.990,23	\$2.990,23		50%
P3	VALVE ASSEMBLY, BRAK	15720-5	1	\$25.020,00	30%	\$25.020,00	\$25.020,00	\$25.020,00		50%
P3	VALVE BRAKE, ACTUATI	15120-4	1	\$11.923,67	30%	\$11.923,67	\$11.923,67	\$11.923,67		50%
A7	HYDRAULIC PUMP	63166	9	\$25.451,30	30%	\$2.827,92	\$2.827,92	\$2.827,92		50%
A7	ACCUMULATOR, PNEUMATIC	13015-001	8	\$23.210,48	30%	\$2.901,31	\$2.901,31	\$2.901,31		50%
A7	REDUCTOR, PREHO	1485-002A	4	\$52.267,24	30%	\$13.066,81	\$13.066,81	\$13.066,81		50%
A7	VALVE REGULATING FLUID PRESSURE	13504-003	12	\$31.044,60	30%	\$2.587,05	\$2.587,05	\$2.587,05		50%
A7	CYLINDER ASSEMBLY, ACTUATING, LINEA	14365-100B	30	\$55.688,70	30%	\$1.856,29	\$1.856,29	\$1.856,29		50%
A7	DIST. DIREÇÃO	14510A	20	\$59.546,00	30%	\$2.977,30	\$2.977,30	\$2.977,30		50%
A7	PISTONETOR	1493F1	5	\$7.356,35	30%	\$1.471,27	\$1.471,27	\$1.471,27		50%
A7	PUMP, REPTROCKATING	914-8027	2	\$2.494,92	30%	\$1.247,46	\$1.247,46	\$1.247,46		50%
A7	REPTROCKATING	8M2601A	10	\$6.747,20	30%	\$6.747,20	\$6.747,20	\$6.747,20		50%
T1	PUMP, ROTARY	DN4030	4	\$164.665,50	30%	\$41.166,38	\$41.166,38	\$41.166,38		50%
P3	ACCUMULATOR, PNEUMATIC	33711461	1	\$3.181,31	30%	\$3.181,31	\$3.181,31	\$3.181,31		50%
P3	PUMP, WATER AND ALCO	003895-1	1	\$27.646,00	30%	\$27.646,00	\$27.646,00	\$27.646,00		50%
P3	PUMP ASSY, HYDRAULIC	100-849-29	1	\$52.946,00	30%	\$52.946,00	\$52.946,00	\$52.946,00		50%
P3	VALVE BRAKE, ACTUATI	15120-4	1	\$11.923,67	30%	\$11.923,67	\$11.923,67	\$11.923,67		50%
P3	VALVE ASSEMBLY, BRAK	15720-5	1	\$25.020,00	30%	\$25.020,00	\$25.020,00	\$25.020,00		50%
P3	FUSE, HYDRAULIC SYSTEM	960-8-30	1	\$2.990,23	30%	\$2.990,23	\$2.990,23	\$2.990,23		50%
P3	STERIL SUB ASSEMBLY	901918-105	1	\$266.066,00	30%	\$266.066,00	\$266.066,00	\$266.066,00		50%
P3	MOTOR, HYDRAULIC	MF69-390C-SUBCD4	1	\$9.854,00	30%	\$9.854,00	\$9.854,00	\$9.854,00		50%
P3	BOOSTER, HYDRAULIC	901559-111	1	\$48.000,00	30%	\$48.000,00	\$48.000,00	\$48.000,00		50%
P3	BOOSTER, HYDRAULIC	938001-103	1	\$44.622,00	30%	\$44.622,00	\$44.622,00	\$44.622,00		50%
P3	BOOSTER, HYDRAULIC	938005-111	1	\$259.042,00	30%	\$259.042,00	\$259.042,00	\$259.042,00		50%
P3	CYLINDER ASSEMBLY, ACTUATING, LINE	902607-1	4	\$42.972,00	30%	\$10.743,00	\$10.743,00	\$10.743,00		50%
P5	CYLINDER ASSEMBLY, ACTUATING, LINE	60032	3	\$9.230,50	30%	\$3.076,83	\$3.076,83	\$3.076,83		50%
P3	ACCUMULATOR, HYDRAULIC	1136-63-8002	3	\$54.368,52	30%	\$18.122,84	\$18.122,84	\$18.122,84		50%
P3	BOOSTER, HYDRAULIC	938001-103	1	\$48.014,00	30%	\$48.014,00	\$48.014,00	\$48.014,00		50%
P3	BOOSTER, HYDRAULIC	938005-103	1	\$181.156,33	30%	\$181.156,33	\$181.156,33	\$181.156,33		50%
P3	BOOSTER, HYDRAULIC	957857-105	1	\$113.564,83	30%	\$113.564,83	\$113.564,83	\$113.564,83		50%
P3	CYLINDER AND VALVE	1084-314	1	\$2.159,50	30%	\$2.159,50	\$2.159,50	\$2.159,50		50%
P3	CYLINDER ASSEMBLY, ACTUATING, LINE	915640-1	3	\$56.232,90	30%	\$18.744,30	\$18.744,30	\$18.744,30		50%
P3	CYLINDER ASSEMBLY, ACTUATING, LINE	802275-1	3	\$116.997,00	30%	\$38.999,00	\$38.999,00	\$38.999,00		50%
P3	PUMP, HYDRA	100-849-33	3	\$97.849,00	30%	\$32.616,33	\$32.616,33	\$32.616,33		50%
P3	RESERVOIR ASSY, FAB HYDRAULIC GAL	801280-1	1	\$8.148,28	30%	\$8.148,28	\$8.148,28	\$8.148,28		50%
F3	RESERVOIR ASSY, FAB HYD 1 GAL	801295-1	1	\$3.545,29	30%	\$3.545,29	\$3.545,29	\$3.545,29		50%
P3	RUDDER BOOSTER, HYDRAULIC ASSY	938006-107	1	\$40.096,00	30%	\$40.096,00	\$40.096,00	\$40.096,00		50%

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P3	SERVOVAL VE HYDRAULIC	966016-101	2	\$25.995,00	30%	\$9.098,25	\$9.098,25	50%
P3	SWICT. PRESSURE	90066	3	\$765,78	30%	\$178,68	\$178,68	50%
P3	SWICTH PRESSURE	90005	3	\$4.436,88	30%	\$1.055,27	\$1.055,27	50%
P3	SWICTH PRESSURE	1033	7	\$732,50	30%	\$73,25	\$235,75	50%
P3	VALVE ASSEMBLY	502590-1	2	\$25.639,56	30%	\$8.973,78	\$8.973,78	50%
P3	VALVE ASSEMBLY DUAL HYDRABRAKE CA	668281-11	2	\$30.453,00	30%	\$17.658,55	\$17.658,55	50%
P3	VALVE RELIEF IN LINE HYD SYS	66827-5	1	\$516,45	30%	\$361,51	\$361,51	50%
P3	VALVE REDUCING HYD PRESSURE	668419-1	2	\$10.332,00	30%	\$3.766,20	\$3.766,20	50%
P3	VALVE REGULATING HYD PRESSURE	68-13A	2	\$8.239,62	30%	\$2.890,87	\$2.890,87	50%
P3	VALVE REGULATOR CHECK	10700-5	3	\$99.503,45	30%	\$23.170,81	\$23.170,81	50%
P3	VALVE SAFETY RELIEF	H59C0028	4	\$3.983,92	30%	\$1.000,19	\$2.080,37	50%
P3	VALVE SAFETY RELIEF	219815	5	\$17.560,75	30%	\$5.115,11	\$4.830,21	50%
P3	VALVE SAFETY RELIEF	840892-01	2	\$5.813,35	30%	\$2.384,63	\$2.384,63	50%
P3	VALVE SAFETY RELIEF	708522-01	2	\$152.580,00	30%	\$38.906,33	\$35.625,33	50%
P3	VALVE SAFETY RELIEF	708522-01	12	\$76.112,00	30%	\$4.439,87	\$17.759,47	50%
P3	VALVE SAFETY RELIEF	50600100-02	9	\$146.525,34	30%	\$11.396,46	\$34.180,39	50%
P3	VALVE SAFETY RELIEF	2-41100-503	2	\$4.658,93	30%	\$4.658,25	\$4.658,25	50%
P3	VALVE SAFETY RELIEF	1441100-502	2	\$66.914,29	30%	\$1.805,11	\$23.420,00	50%
P3	VALVE SAFETY RELIEF	2-41100-503	3	\$24.685,94	30%	\$5.760,05	\$5.760,05	50%
P3	VALVE SAFETY RELIEF	14-01100-501	1	\$17.439,27	30%	\$12.221,49	\$12.221,49	50%
P3	VALVE SAFETY RELIEF	14-01100-501	1	\$12.884,96	30%	\$3.006,49	\$3.006,49	50%
P3	VALVE SAFETY RELIEF	6-01100-502	3	\$4.455,17	30%	\$3.118,62	\$3.118,62	50%
P3	VALVE SAFETY RELIEF	6-41100-501	1	\$3.021,18	30%	\$2.100,82	\$2.100,82	50%
P3	VALVE SAFETY RELIEF	14-41100-501	1	\$8.747,44	30%	\$2.580,80	\$5.161,60	50%
P3	VALVE SAFETY RELIEF	6-41100-502	1	\$8.757,98	30%	\$6.130,59	\$6.130,59	50%
P3	VALVE SAFETY RELIEF	14-41100-501	1	\$12.206,46	30%	\$4.307,26	\$4.307,26	50%
P3	VALVE SAFETY RELIEF	14-41100-501	2	\$27.102,59	30%	\$17.639,27	\$17.639,27	50%
P3	VALVE SAFETY RELIEF	22-981	1	\$21.751,54	30%	\$415,69	\$415,69	50%
P3	VALVE SAFETY RELIEF	10033	1	\$3.750,98	30%	\$1.932,68	\$1.932,68	50%
P3	VALVE SAFETY RELIEF	6666177008	1	\$38.948,51	30%	\$41.265,95	\$41.265,95	50%
P3	VALVE SAFETY RELIEF	6666177008	1	\$55.125,45	30%	\$38.587,82	\$38.587,82	50%

Referência da Ata \$ 4.216.093,42

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo		Total	
	Referência	Proposta	
Overhaul	\$ 2.132.329,45	\$ -	-
Reparo	\$ 1.444.396,88	\$ -	-
Pequeno Reparo	\$ 520.998,57	\$ -	-
NF	\$ 118.368,52	\$ -	-
Total	\$ 4.216.093,42	\$ -	-

(Handwritten signatures and initials)

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 29 (HYDRAULIC P

MINISTÉRIO DA DEFESA
 Nº: 96
 Proc: 67101
 001981/18-82
 Rubrica
 CELOG

VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA A PARA NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$8.238,85	\$16.517,71	15%	\$4.129,43	\$4.129,43	15%	\$1.718,67	\$1.718,67	\$1.032,36	5%	\$1.032,36	\$1.032,36	
\$5.437,34	\$10.874,68	15%	\$3.931,82	\$3.931,82	15%	\$6.462,96	\$6.462,96	\$982,95	5%	\$982,95	\$982,95	
\$7.863,63	\$15.727,26	15%	\$4.474,92	\$4.474,92	15%	\$9.920,32	\$9.920,32	\$1.615,74	5%	\$1.615,74	\$1.615,74	
\$12.925,91	\$25.851,82	15%	\$2.237,46	\$2.237,46	15%	\$19.840,64	\$19.840,64	\$559,37	5%	\$559,37	\$559,37	
\$4.474,92	\$8.949,84	15%	\$16.074,33	\$16.074,33	15%	\$1.728,32	\$1.728,32	\$4.018,58	5%	\$4.018,58	\$4.018,58	
\$19.840,64	\$39.681,28	15%	\$3.053,60	\$3.053,60	15%	\$1.970,80	\$1.970,80	\$432,08	5%	\$432,08	\$432,08	
\$32.148,65	\$64.297,30	15%	\$6.589,20	\$6.589,20	15%	\$1.970,80	\$1.970,80	\$763,40	5%	\$763,40	\$763,40	
\$5.456,64	\$10.913,28	15%	\$5.529,20	\$5.529,20	15%	\$6.589,20	\$6.589,20	\$492,70	5%	\$492,70	\$492,70	
\$6.107,20	\$12.214,40	15%	\$6.589,20	\$6.589,20	15%	\$5.529,20	\$5.529,20	\$1.647,30	5%	\$1.647,30	\$1.647,30	
\$3.941,60	\$7.883,20	15%	\$636,26	\$636,26	15%	\$53.213,20	\$53.213,20	\$1.382,30	5%	\$1.382,30	\$1.382,30	
\$3.941,60	\$7.883,20	15%	\$53.213,20	\$53.213,20	15%	\$598,05	\$598,05	\$13.303,30	5%	\$13.303,30	\$13.303,30	
\$11.058,40	\$22.116,80	15%	\$598,05	\$598,05	15%	\$3.941,60	\$3.941,60	\$149,51	5%	\$149,51	\$149,51	
\$4.769,47	\$9.538,94	15%	\$2.237,46	\$2.237,46	15%	\$2.384,73	\$2.384,73	\$1.251,00	5%	\$1.251,00	\$1.251,00	
\$11.058,40	\$22.116,80	15%	\$2.384,73	\$2.384,73	15%	\$5.529,20	\$5.529,20	\$1.251,00	5%	\$1.251,00	\$1.251,00	
\$11.058,40	\$22.116,80	15%	\$5.529,20	\$5.529,20	15%	\$1.970,80	\$1.970,80	\$1.382,30	5%	\$1.382,30	\$1.382,30	
\$11.058,40	\$22.116,80	15%	\$1.970,80	\$1.970,80	15%	\$9.920,32	\$9.920,32	\$1.647,30	5%	\$1.647,30	\$1.647,30	
\$11.058,40	\$22.116,80	15%	\$9.920,32	\$9.920,32	15%	\$8.924,40	\$8.924,40	\$596,18	5%	\$596,18	\$596,18	
\$11.058,40	\$22.116,80	15%	\$8.924,40	\$8.924,40	15%	\$51.808,40	\$51.808,40	\$1.251,00	5%	\$1.251,00	\$1.251,00	
\$11.058,40	\$22.116,80	15%	\$51.808,40	\$51.808,40	15%	\$53.213,20	\$53.213,20	\$1.382,30	5%	\$1.382,30	\$1.382,30	
\$11.058,40	\$22.116,80	15%	\$53.213,20	\$53.213,20	15%	\$1.970,80	\$1.970,80	\$492,70	5%	\$492,70	\$492,70	
\$11.058,40	\$22.116,80	15%	\$1.970,80	\$1.970,80	15%	\$9.920,32	\$9.920,32	\$2.231,10	5%	\$2.231,10	\$2.231,10	
\$11.058,40	\$22.116,80	15%	\$9.920,32	\$9.920,32	15%	\$2.148,60	\$2.148,60	\$537,15	5%	\$537,15	\$537,15	
\$11.058,40	\$22.116,80	15%	\$2.148,60	\$2.148,60	15%	\$615,37	\$615,37	\$1.538,84	5%	\$1.538,84	\$1.538,84	
\$11.058,40	\$22.116,80	15%	\$615,37	\$615,37	15%	\$3.657,90	\$3.657,90	\$914,48	5%	\$914,48	\$914,48	
\$11.058,40	\$22.116,80	15%	\$3.657,90	\$3.657,90	15%	\$9.602,80	\$9.602,80	\$2.400,70	5%	\$2.400,70	\$2.400,70	
\$11.058,40	\$22.116,80	15%	\$9.602,80	\$9.602,80	15%	\$36.231,27	\$36.231,27	\$9.057,82	5%	\$9.057,82	\$9.057,82	
\$11.058,40	\$22.116,80	15%	\$36.231,27	\$36.231,27	15%	\$22.712,97	\$22.712,97	\$5.678,24	5%	\$5.678,24	\$5.678,24	
\$11.058,40	\$22.116,80	15%	\$22.712,97	\$22.712,97	15%	\$431,90	\$431,90	\$107,98	5%	\$107,98	\$107,98	
\$11.058,40	\$22.116,80	15%	\$431,90	\$431,90	15%	\$3.748,86	\$3.748,86	\$937,22	5%	\$937,22	\$937,22	
\$11.058,40	\$22.116,80	15%	\$3.748,86	\$3.748,86	15%	\$7.799,80	\$7.799,80	\$1.949,95	5%	\$1.949,95	\$1.949,95	
\$11.058,40	\$22.116,80	15%	\$7.799,80	\$7.799,80	15%	\$6.323,27	\$6.323,27	\$1.630,82	5%	\$1.630,82	\$1.630,82	
\$11.058,40	\$22.116,80	15%	\$6.323,27	\$6.323,27	15%	\$1.629,66	\$1.629,66	\$407,41	5%	\$407,41	\$407,41	
\$11.058,40	\$22.116,80	15%	\$1.629,66	\$1.629,66	15%	\$709,06	\$709,06	\$177,26	5%	\$177,26	\$177,26	
\$11.058,40	\$22.116,80	15%	\$709,06	\$709,06	15%	\$8.019,20	\$8.019,20	\$2.004,80	5%	\$2.004,80	\$2.004,80	
\$11.058,40	\$22.116,80	15%	\$8.019,20	\$8.019,20	15%							

M. DEFESA
 FI: 97
 Proc: 67101
 00198/18-82
 Rub
 CELOG

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESSOAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E OVERHAUL	VALOR UNITÁRIO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO
H7	INDICATOR HEIGHT	AG1209AC01	2	\$26.249.45	30%	\$9.187.31	\$9.187.31	\$9.187.31	\$5.249.89	50%	\$5.249.89
H7	INDICATOR AIR SUPPLY	7045401042-101	8	\$26.872.40	30%	\$2.351.54	\$7.054.01	\$2.351.54	\$1.343.62	50%	\$1.343.62
H7	IND VENT SIT	7045401044-112	3	\$15.247.50	30%	\$3.557.75	\$3.557.75	\$3.557.75	\$2.033.00	50%	\$2.033.00
H7	INDICATOR DISTANCE	4272453140-003	2	\$5.308.50	30%	\$1.122.98	\$1.122.98	\$1.122.98	\$641.70	50%	\$641.70
H7	INDICATOR HORIZONTAL SITUATION	13779063	1	\$28.362.67	30%	\$19.853.87	\$19.853.87	\$19.853.87	\$11.345.07	50%	\$11.345.07
H7	INDICATOR TEMPERATURE/ELECTR	JG105A2	2	\$53.619.00	30%	\$18.766.65	\$18.766.65	\$18.766.65	\$10.723.80	50%	\$10.723.80
H7	INDICATOR PRESSURE	SRSE	1	\$6.029.50	30%	\$4.220.65	\$4.220.65	\$4.220.65	\$2.411.80	50%	\$2.411.80
H7	INDICATOR ANGLE	SL790280	2	\$10.571.39	30%	\$3.699.99	\$3.699.99	\$3.699.99	\$2.114.28	50%	\$2.114.28
H7	GAGE DIFFERENTIAL DIAL IND	AW2-33A1	2	\$12.555.55	30%	\$8.774.89	\$8.774.89	\$8.774.89	\$5.014.22	50%	\$5.014.22
H7	GAGE DIFFERENTIAL DIAL IND	636149-3	1	\$6.681.16	30%	\$4.676.81	\$4.676.81	\$4.676.81	\$2.672.47	50%	\$2.672.47
H7	IND OIL TEMPER	18C834-3	1	\$1.193.73	30%	\$417.81	\$417.81	\$417.81	\$238.75	50%	\$238.75
H7	INDICATOR HORIZONTAL SITUATI	666-301444	1	\$2.421.63	30%	\$1.695.14	\$1.695.14	\$1.695.14	\$968.65	50%	\$968.65
H7	AIR SPEED INDICATOR	C6616440317	2	\$2.943.15	30%	\$1.050.10	\$1.050.10	\$1.050.10	\$588.63	50%	\$588.63
H7	CIRCUIT BREAKER	M77-287-2HBR	2	\$931.72	30%	\$326.10	\$326.10	\$326.10	\$186.34	50%	\$186.34
H7	CLOCK AIRCRAFT AMBIENT/ANAL	AN57432A11	10	\$16.141.10	30%	\$1.129.88	\$3.389.63	\$1.129.88	\$645.64	50%	\$645.64
H7	INDICATOR ANGLE	D1008A3	4	\$1.564.12	30%	\$273.72	\$547.44	\$273.72	\$156.41	50%	\$156.41
H7	VARIOMETER	D801A01	1	\$216.58	30%	\$151.61	\$151.61	\$151.61	\$86.63	50%	\$86.63
H7	INDICATOR	71421B1	20	\$63.400.00	30%	\$3.236.00	\$13.556.00	\$3.236.00	\$1.272.00	50%	\$1.272.00
H7	CLOCK AIRCRAFT AMBIENT/ANAL	W93754510	50	\$38.670.00	30%	\$902.30	\$8.120.70	\$902.30	\$513.60	50%	\$513.60
H7	ANUNCIATOR	80108CY	4	\$60.530.00	30%	\$10.592.75	\$21.185.50	\$10.592.75	\$6.053.00	50%	\$6.053.00
H7	GAGE DIFFERENTIAL DIAL IND	636149-3	1	\$12.555.55	30%	\$8.774.89	\$8.774.89	\$8.774.89	\$5.014.22	50%	\$5.014.22
H7	INDICATOR RATE	A26877-10-201	1	\$6.681.16	30%	\$4.676.81	\$4.676.81	\$4.676.81	\$2.672.47	50%	\$2.672.47
H7	GAGE DIFFERENTIAL DIAL IND	AW2-33A1	2	\$12.555.55	30%	\$8.774.89	\$8.774.89	\$8.774.89	\$5.014.22	50%	\$5.014.22
H7	INDICATOR TEMPERATURE/ELECTR	JG105A2	2	\$53.619.00	30%	\$18.766.65	\$18.766.65	\$18.766.65	\$10.723.80	50%	\$10.723.80
H7	INDICATOR ANGLE	SL790280	2	\$10.571.39	30%	\$3.699.99	\$3.699.99	\$3.699.99	\$2.114.28	50%	\$2.114.28
H7	INDICATOR PRESSURE	SRSE	1	\$6.029.50	30%	\$4.220.65	\$4.220.65	\$4.220.65	\$2.411.80	50%	\$2.411.80
H7	METER D-CIR EMPENNAGE	KAW61LAL3	5	\$17.879.50	30%	\$2.509.13	\$5.008.26	\$2.509.13	\$1.430.36	50%	\$1.430.36
H7	INDICATOR HORIZONTAL SITUATION	110756C3	6	\$28.362.67	30%	\$3.08.98	\$6.617.96	\$3.08.98	\$1.890.84	50%	\$1.890.84
H7	INDICATOR DISTANCE	624-073430	6	\$3.208.50	30%	\$374.33	\$748.65	\$374.33	\$213.90	50%	\$213.90
H7	IND VENT SIT	7045401044-112	9	\$15.247.50	30%	\$1.185.92	\$3.557.75	\$1.185.92	\$677.67	50%	\$677.67
H7	INDICATOR AIR SPEED	104501012401	9	\$26.872.40	30%	\$2.990.08	\$6.770.23	\$2.990.08	\$1.194.33	50%	\$1.194.33
H7	INDICATOR HEIGHT	401290A151	6	\$26.249.45	30%	\$3.062.44	\$6.124.87	\$3.062.44	\$1.749.96	50%	\$1.749.96
H7	VERTICAL VELOCITY INDICATOR	7045401044-101	3	\$10.288.54	30%	\$2.400.66	\$2.400.66	\$2.400.66	\$1.371.81	50%	\$1.371.81
H7	GAGE SUBSOL	7045401044-104	3	\$47.494.00	30%	\$11.081.93	\$11.081.93	\$11.081.93	\$6.352.53	50%	\$6.352.53
H7	CLOCK DIAL	D88-1060190	6	\$64.568.50	30%	\$7.509.64	\$15.019.27	\$7.509.64	\$4.291.22	50%	\$4.291.22
H7	INDICATOR QUANT	201-011001	2	\$25.771.42	30%	\$9.020.00	\$9.020.00	\$9.020.00	\$5.154.28	50%	\$5.154.28
H7	INDICATOR QUANTITY	203-013402	43	\$660.703.50	30%	\$10.277.61	\$143.886.54	\$10.277.61	\$5.872.92	50%	\$5.872.92

Referência da Ata	\$	809,799.72
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Valor da Proposta	\$	-
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Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 398.557,78	\$ -
Reparo	\$ 314.477,71	\$ -
Pequeno Reparo	\$ 80.555,75	\$ -
NFF	\$ 16.208,47	\$ -
Total	\$ 809.799,72	\$ -

REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$5.249,89			15%	\$2.624,95	\$2.624,95			5%	\$656,24	\$656,24		
\$5.374,48			15%	\$671,81	\$1.343,62			5%	\$167,95	\$167,95		
\$4.066,00			15%	\$1.016,50	\$1.016,50			5%	\$254,13	\$254,13		
\$641,70			15%	\$320,85	\$320,85			5%	\$80,21	\$80,21		
\$11.345,07			15%	\$5.672,53	\$5.672,53			5%	\$1.418,13	\$1.418,13		
\$10.725,80			15%	\$3.561,90	\$3.561,90			5%	\$1.340,48	\$1.340,48		
\$2.411,80			15%	\$1.205,90	\$1.205,90			5%	\$301,47	\$301,47		
\$2.114,28			15%	\$1.057,14	\$1.057,14			5%	\$264,28	\$264,28		
\$2.672,47			15%	\$2.507,11	\$2.507,11			5%	\$334,06	\$334,06		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$238,75			15%	\$119,37	\$119,37			5%	\$29,84	\$29,84		
\$968,65			15%	\$484,33	\$484,33			5%	\$121,08	\$121,08		
\$388,65			15%	\$234,52	\$234,52			5%	\$73,58	\$73,58		
\$186,54			15%	\$93,17	\$93,17			5%	\$23,29	\$23,29		
\$3.228,22			15%	\$322,82	\$645,64			5%	\$80,71	\$80,71		
\$312,82			15%	\$78,21	\$78,21			5%	\$19,55	\$19,55		
\$96,65			15%	\$43,32	\$43,32			5%	\$10,83	\$10,83		
\$12.720,00			15%	\$636,00	\$1.272,00			5%	\$159,00	\$159,00		
\$7.734,00			15%	\$357,80	\$1.908,00			5%	\$64,45	\$128,90		
\$2.106,00			15%	\$3.026,50	\$3.026,50			5%	\$756,65	\$756,65		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$2.672,47			15%	\$1.336,23	\$1.336,23			5%	\$334,06	\$334,06		
\$10.725,80			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$10.725,80			15%	\$5.361,90	\$5.361,90			5%	\$1.340,48	\$1.340,48		
\$2.114,28			15%	\$1.057,14	\$1.057,14			5%	\$264,28	\$264,28		
\$2.672,47			15%	\$2.507,11	\$2.507,11			5%	\$334,06	\$334,06		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$238,75			15%	\$119,37	\$119,37			5%	\$29,84	\$29,84		
\$968,65			15%	\$484,33	\$484,33			5%	\$121,08	\$121,08		
\$388,65			15%	\$234,52	\$234,52			5%	\$73,58	\$73,58		
\$186,54			15%	\$93,17	\$93,17			5%	\$23,29	\$23,29		
\$3.228,22			15%	\$322,82	\$645,64			5%	\$80,71	\$80,71		
\$312,82			15%	\$78,21	\$78,21			5%	\$19,55	\$19,55		
\$96,65			15%	\$43,32	\$43,32			5%	\$10,83	\$10,83		
\$12.720,00			15%	\$636,00	\$1.272,00			5%	\$159,00	\$159,00		
\$7.734,00			15%	\$357,80	\$1.908,00			5%	\$64,45	\$128,90		
\$2.106,00			15%	\$3.026,50	\$3.026,50			5%	\$756,65	\$756,65		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$2.672,47			15%	\$1.336,23	\$1.336,23			5%	\$334,06	\$334,06		
\$10.725,80			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$10.725,80			15%	\$5.361,90	\$5.361,90			5%	\$1.340,48	\$1.340,48		
\$2.114,28			15%	\$1.057,14	\$1.057,14			5%	\$264,28	\$264,28		
\$2.672,47			15%	\$2.507,11	\$2.507,11			5%	\$334,06	\$334,06		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$238,75			15%	\$119,37	\$119,37			5%	\$29,84	\$29,84		
\$968,65			15%	\$484,33	\$484,33			5%	\$121,08	\$121,08		
\$388,65			15%	\$234,52	\$234,52			5%	\$73,58	\$73,58		
\$186,54			15%	\$93,17	\$93,17			5%	\$23,29	\$23,29		
\$3.228,22			15%	\$322,82	\$645,64			5%	\$80,71	\$80,71		
\$312,82			15%	\$78,21	\$78,21			5%	\$19,55	\$19,55		
\$96,65			15%	\$43,32	\$43,32			5%	\$10,83	\$10,83		
\$12.720,00			15%	\$636,00	\$1.272,00			5%	\$159,00	\$159,00		
\$7.734,00			15%	\$357,80	\$1.908,00			5%	\$64,45	\$128,90		
\$2.106,00			15%	\$3.026,50	\$3.026,50			5%	\$756,65	\$756,65		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$2.672,47			15%	\$1.336,23	\$1.336,23			5%	\$334,06	\$334,06		
\$10.725,80			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$10.725,80			15%	\$5.361,90	\$5.361,90			5%	\$1.340,48	\$1.340,48		
\$2.114,28			15%	\$1.057,14	\$1.057,14			5%	\$264,28	\$264,28		
\$2.672,47			15%	\$2.507,11	\$2.507,11			5%	\$334,06	\$334,06		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$238,75			15%	\$119,37	\$119,37			5%	\$29,84	\$29,84		
\$968,65			15%	\$484,33	\$484,33			5%	\$121,08	\$121,08		
\$388,65			15%	\$234,52	\$234,52			5%	\$73,58	\$73,58		
\$186,54			15%	\$93,17	\$93,17			5%	\$23,29	\$23,29		
\$3.228,22			15%	\$322,82	\$645,64			5%	\$80,71	\$80,71		
\$312,82			15%	\$78,21	\$78,21			5%	\$19,55	\$19,55		
\$96,65			15%	\$43,32	\$43,32			5%	\$10,83	\$10,83		
\$12.720,00			15%	\$636,00	\$1.272,00			5%	\$159,00	\$159,00		
\$7.734,00			15%	\$357,80	\$1.908,00			5%	\$64,45	\$128,90		
\$2.106,00			15%	\$3.026,50	\$3.026,50			5%	\$756,65	\$756,65		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$2.672,47			15%	\$1.336,23	\$1.336,23			5%	\$334,06	\$334,06		
\$10.725,80			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$10.725,80			15%	\$5.361,90	\$5.361,90			5%	\$1.340,48	\$1.340,48		
\$2.114,28			15%	\$1.057,14	\$1.057,14			5%	\$264,28	\$264,28		
\$2.672,47			15%	\$2.507,11	\$2.507,11			5%	\$334,06	\$334,06		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$238,75			15%	\$119,37	\$119,37			5%	\$29,84	\$29,84		
\$968,65			15%	\$484,33	\$484,33			5%	\$121,08	\$121,08		
\$388,65			15%	\$234,52	\$234,52			5%	\$73,58	\$73,58		
\$186,54			15%	\$93,17	\$93,17			5%	\$23,29	\$23,29		
\$3.228,22			15%	\$322,82	\$645,64			5%	\$80,71	\$80,71		
\$312,82			15%	\$78,21	\$78,21			5%	\$19,55	\$19,55		
\$96,65			15%	\$43,32	\$43,32			5%	\$10,83	\$10,83		
\$12.720,00			15%	\$636,00	\$1.272,00			5%	\$159,00	\$159,00		
\$7.734,00			15%	\$357,80	\$1.908,00			5%	\$64,45	\$128,90		
\$2.106,00			15%	\$3.026,50	\$3.026,50			5%	\$756,65	\$756,65		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$2.672,47			15%	\$1.336,23	\$1.336,23			5%	\$334,06	\$334,06		
\$10.725,80			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$10.725,80			15%	\$5.361,90	\$5.361,90			5%	\$1.340,48	\$1.340,48		
\$2.114,28			15%	\$1.057,14	\$1.057,14			5%	\$264,28	\$264,28		
\$2.672,47			15%	\$2.507,11	\$2.507,11			5%	\$334,06	\$334,06		
\$5.014,22			15%	\$2.507,11	\$2.507,11			5%	\$626,78	\$626,78		
\$238,75			15%	\$119,37	\$119,37			5%	\$29,84	\$29,84		
\$968,65			15%	\$484,33	\$484,33			5%	\$121,08	\$121,08		
\$388,65			15%	\$234,52	\$234,52			5%	\$73,58	\$73,58		
\$186,54			15%	\$93,17	\$93,17			5%	\$23,29	\$23,29		
\$3.228,22			15%	\$322,82	\$645,64			5%	\$80,71	\$80,71		
\$312,82			15%	\$78,21	\$78,21			5%	\$19,55	\$19,55		
\$96,65			15%	\$43,32	\$43,32			5%	\$10,83	\$10,83		
\$12.720,00			15%	\$636,00	\$1.272,00			5%	\$159,00	\$159,00		
\$7.734,00			15%	\$357,80	\$1.908,00			5%	\$64,45	\$128,90		
\$2.106,00			15%	\$3.026,50	\$3.026,50			5%	\$756,65	\$756,65		
\$5.014												

ROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 32 (LANDING GEAT)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	VALOR TOTAL DE REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO
P1	CYLINDER ASSEMBLY ACTUATING	OMP184-13	9	\$125.460,00	30%	\$9.758,00	\$29.274,00	\$9.758,00		50%	\$5.576,00	\$27.880,00	
P1	CYLINDER ASSY HYDRAULIC BRA	MC13-662	7	\$114.160,04	30%	\$11.416,00	\$34.248,01	\$11.416,00		50%	\$6.523,43	\$26.093,72	
P3	CYLINDER ASSY HYD BRAKE M	MC137-2	7	\$109.879,77	30%	\$10.987,98	\$32.963,93	\$10.987,98		50%	\$6.278,84	\$25.113,38	
P3	STEERING UNIT AIRCRAFT W/SEW	50S3000-1	22	\$549.793,64	30%	\$17.493,43	\$122.454,04	\$17.493,43		50%	\$9.996,25	\$109.958,73	
P4	STEERING ACTUATOR	OMP3863-7	1	\$8.177,46	30%	\$5.724,22	\$5.724,22	\$5.724,22		50%	\$3.270,98	\$3.270,98	
P4	STAKE ASSY LANDING GEAR	70250-1318-043	3	\$16.445,18	30%	\$3.837,21	\$3.837,21	\$3.837,21		50%	\$2.192,69	\$4.385,38	
P7	DRAG BRACE LANDING GEAR	70250-12105-043	1	\$51.202,50	30%	\$9.396,10	\$14.476,70	\$9.396,10		50%	\$4.136,20	\$12.408,60	
P7	LANDING GEAR FIXED	70250-12051-045	1	\$13.423,00	30%	\$7.238,55	\$14.476,70	\$7.238,55		50%	\$5.369,20	\$5.369,20	
P1	LIGHT LANDING AIRCRAFT	45-0333-17	1	\$9.762,41	30%	\$6.833,68	\$6.833,68	\$6.833,68		50%	\$3.904,96	\$3.904,96	
P1	CYLINDER ASSEMBLY ACTUATING LINE	668342-5	1	\$17.886,67	30%	\$12.530,67	\$12.530,67	\$12.530,67		50%	\$7.154,67	\$7.154,67	
P3	VALVE ASSEMBLY ACTUATING	89960-103	1	\$52.869,33	30%	\$37.078,53	\$37.078,53	\$37.078,53		50%	\$21.187,73	\$21.187,73	
A7	VALVE ASSEMBLY	11465	2	\$6.429,53	30%	\$2.250,33	\$2.250,33	\$2.250,33		50%	\$1.285,90	\$1.285,90	
A7	VALVE ASSEMBLY	11476	50	\$218.814,00	30%	\$3.063,40	\$45.950,94	\$3.063,40		50%	\$1.750,51	\$43.762,80	
A7	CYLINDER DEFERRID	11480	12	\$32.653,08	30%	\$1.904,76	\$7.619,05	\$1.904,76		50%	\$1.088,44	\$6.430,62	
A7	VALVE ASSEMBLY ACTUATING LINE	11490	34	\$97.252,26	30%	\$4.862,61	\$24.313,07	\$4.862,61		50%	\$2.778,64	\$19.450,45	
A7	VALVE ASSEMBLY	14160	5	\$24.226,05	30%	\$3.433,65	\$6.867,29	\$3.433,65		50%	\$1.962,08	\$5.865,25	
A7	TRAVASUPTIPEXO	14541	5	\$19.010,00	30%	\$2.661,40	\$5.322,80	\$2.661,40		50%	\$1.520,80	\$4.562,40	
A7	VERBODACROCIJZAN	14595	5	\$18.866,50	30%	\$2.641,28	\$5.282,56	\$2.641,28		50%	\$1.509,30	\$4.527,91	
A7	ACUMULADOR DE ENERGIA (90CAM)	10915-002B	3	\$1.002,65	30%	\$701,86	\$701,86	\$701,86		50%	\$401,06	\$401,06	
A7	LOCK	14360A	7	\$90.611,56	30%	\$9.061,14	\$27.183,41	\$9.061,14		50%	\$5.177,79	\$20.711,17	
A7	TRAVASUPTIPEXO	14360A	40	\$155.165,80	30%	\$2.715,40	\$32.584,82	\$2.715,40		50%	\$1.551,66	\$15.053,16	
A7	TRAVASUPTIPEXO	14361A	5	\$8.471,18	30%	\$818,60	\$1.637,21	\$818,60		50%	\$467,77	\$1.403,32	
A7	VALVE ASSEMBLY	14514	4	\$68.238,04	30%	\$11.941,66	\$23.883,31	\$11.941,66		50%	\$6.823,80	\$13.647,61	
A7	VALVE ASSEMBLY ACTUATING LINE	14615-002	4	\$43.085,72	30%	\$7.540,00	\$15.080,00	\$7.540,00		50%	\$4.308,57	\$8.617,14	
A7	PUMP ROTARY HYDRAULIC	65900024-1	1	\$5.960,09	30%	\$4.172,06	\$4.172,06	\$4.172,06		50%	\$2.384,04	\$2.384,04	
P3	VALVE STEERING NOSE	32900-303	1	\$52.969,33	30%	\$37.078,53	\$37.078,53	\$37.078,53		50%	\$21.187,73	\$21.187,73	
P3	CYLINDER ASSEMBLY ACTUATING LINE	668342-5	1	\$17.886,67	30%	\$12.530,67	\$12.530,67	\$12.530,67		50%	\$7.154,67	\$7.154,67	
P3	CYLINDER ASSEMBLY ACTUATING LINE	1616-5	3	\$59.083,50	30%	\$13.786,15	\$13.786,15	\$13.786,15		50%	\$7.877,80	\$15.755,60	
P3	GEAR CASE ASSEMBLY	917771-1	1	\$1.965,89	30%	\$1.376,12	\$1.376,12	\$1.376,12		50%	\$786,35	\$786,35	
P3	LANDING GEAR ASSY	901027-109	3	\$760.695,00	30%	\$177.495,50	\$177.495,50	\$177.495,50		50%	\$101.426,00	\$202.852,00	
P3	MLG RETRACTABLE	937958-103	8	\$929.211,92	30%	\$81.306,04	\$343.918,13	\$81.306,04		50%	\$46.460,60	\$183.842,38	
P3	RIM/WHEEL PNEUMATIC TIRE	1-1267-1	1	\$14.885,00	30%	\$10.309,50	\$10.309,50	\$10.309,50		50%	\$5.834,00	\$5.834,00	
P3	CYLINDER ASSY ACTUATING MLG LIPOCK RELEASE	668248-1	4	\$39.399,48	30%	\$6.894,91	\$13.789,82	\$6.894,91		50%	\$3.939,95	\$7.879,90	
P3	CYLINDER ASSY SHOCKS STRUT MLG	901070-1	1	\$97.905,11	30%	\$68.533,58	\$68.533,58	\$68.533,58		50%	\$39.162,04	\$39.162,04	
P3	SHOCK STRUT ASSY - MLG	901472-70	3	\$247.412,70	30%	\$37.729,63	\$37.729,63	\$37.729,63		50%	\$22.988,36	\$65.976,72	
P3	LIPOCK ASSY MLG RH	903252-3	1	\$1.200,00	30%	\$840,00	\$840,00	\$840,00		50%	\$480,00	\$480,00	
P3	LIPOCK ASSY MLG LH	910573-1	2	\$5.472,00	30%	\$1.915,20	\$1.915,20	\$1.915,20		50%	\$1.094,40	\$1.094,40	
P3	LIPOCK ASSY MLG RH	910573-2	1	\$2.820,00	30%	\$1.974,00	\$1.974,00	\$1.974,00		50%	\$1.128,00	\$1.128,00	
P3	BRACE ASSY MLG WHEEL	670835-101	12	\$301.933,00	30%	\$26.855,73	\$26.855,73	\$26.855,73		50%	\$15.346,13	\$15.346,13	
P3	VALVE SELECTOR LG	3033370-1-1	1	\$38.363,33	30%	\$26.855,73	\$26.855,73	\$26.855,73		50%	\$15.346,13	\$15.346,13	
P3	VALVE SHUTTLE BRAKE	70304	5	\$47.725,00	30%	\$6.681,50	\$13.363,00	\$6.681,50		50%	\$3.818,00	\$11.454,00	
P3	CYLINDER ASSEMBLY ACTUATING	OMP3863-5	15	\$125.460,00	30%	\$5.845,80	\$29.274,00	\$5.845,80		50%	\$3.345,60	\$26.764,80	
P3	STEERING UNIT AIRCRAFT W/SEW	80S3000-1	12	\$549.793,64	30%	\$32.071,30	\$128.385,18	\$32.071,30		50%	\$18.326,45	\$109.958,73	
P3	STEERING UNIT AIRCRAFT W/SEW	80S3000-2	3	\$8.177,46	30%	\$1.908,07	\$1.908,07	\$1.908,07		50%	\$1.090,33	\$2.180,65	
P3	VALVE ASSEMBLY ACTUATING	45-0333-17	3	\$9.762,41	30%	\$1.138,05	\$2.277,89	\$1.138,05		50%	\$650,83	\$1.925,48	
P3	VALVE ASSEMBLY ACTUATING	70250-12051-045	3	\$13.423,00	30%	\$3.132,05	\$3.132,05	\$3.132,05		50%	\$1.789,73	\$3.579,47	
P3	VALVE ASSEMBLY ACTUATING	70250-12051-043	15	\$51.702,50	30%	\$2.412,78	\$12.063,92	\$2.412,78		50%	\$1.378,73	\$11.029,87	
P3	VALVE ASSEMBLY ACTUATING	70250-12051-045	9	\$16.445,18	30%	\$3.837,21	\$3.837,21	\$3.837,21		50%	\$2.192,69	\$4.385,38	
P3	VALVE ASSEMBLY ACTUATING	70250-12051-043	3	\$31.659,83	30%	\$17.379,07	\$17.379,07	\$17.379,07		50%	\$9.414,66	\$18.829,32	
P3	VALVE ASSEMBLY ACTUATING	242-11	1	\$3.907,43	30%	\$2.775,00	\$2.775,00	\$2.775,00		50%	\$1.584,57	\$1.584,57	
P3	VALVE ASSEMBLY ACTUATING	242-11-C	1	\$4.707,30	30%	\$1.647,56	\$1.647,56	\$1.647,56		50%	\$941,46	\$941,46	
P3	STEERING UNIT AIRCRAFT W/SEW	14-4145-901	1	\$15.277,50	30%	\$10.904,25	\$10.904,25	\$10.904,25		50%	\$6.231,00	\$6.231,00	

Tipo	Referência	Proposta
Overhaul	\$ 1.466.982,57	\$ -
Reparo	\$ 1.229.573,65	\$ -
Pequeno Reparo	\$ 306.437,04	\$ -
NFF	\$ 5.836,20	\$ -
Total	\$ 3.060.829,46	\$ -

Referência da Ata S 3.060.829,46

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

M DEFESA C AERONAUTICA
 Proc: 87101
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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 32 (LANDING GEAR)

PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUA L ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
	15%	\$2.738,00	\$5.576,00			5%	\$697,00	\$697,00		
	15%	\$3.261,72	\$6.523,43			5%	\$815,43	\$815,43		
	15%	\$3.159,42	\$6.318,84			5%	\$784,86	\$784,86		
	15%	\$4.998,12	\$9.996,25			5%	\$1.249,53	\$1.249,53		
	15%	\$1.655,49	\$3.310,98			5%	\$408,87	\$408,87		
	15%	\$1.096,35	\$2.192,70			5%	\$274,09	\$274,09		
	15%	\$2.068,10	\$4.136,20			5%	\$517,05	\$517,05		
	15%	\$2.684,60	\$5.369,20			5%	\$671,15	\$671,15		
	15%	\$1.952,48	\$3.904,96			5%	\$488,12	\$488,12		
	15%	\$3.577,33	\$7.154,66			5%	\$894,33	\$894,33		
	15%	\$10.593,87	\$21.187,74			5%	\$2.648,47	\$2.648,47		
	15%	\$642,95	\$1.285,90			5%	\$160,74	\$160,74		
	15%	\$875,26	\$1.750,52			5%	\$218,81	\$218,81		
	15%	\$544,22	\$1.088,44			5%	\$136,05	\$136,05		
	15%	\$1.389,32	\$2.778,64			5%	\$347,33	\$347,33		
	15%	\$981,04	\$1.962,08			5%	\$245,26	\$245,26		
	15%	\$760,40	\$1.520,80			5%	\$190,10	\$190,10		
	15%	\$754,65	\$1.509,30			5%	\$188,66	\$188,66		
	15%	\$200,53	\$401,06			5%	\$50,13	\$50,13		
	15%	\$2.588,90	\$5.177,80			5%	\$647,22	\$647,22		
	15%	\$775,83	\$1.551,66			5%	\$193,96	\$193,96		
	15%	\$253,89	\$507,78			5%	\$63,47	\$63,47		
	15%	\$3.411,90	\$6.823,80			5%	\$852,98	\$852,98		
	15%	\$2.154,29	\$4.308,58			5%	\$538,57	\$538,57		
	15%	\$1.192,02	\$2.384,04			5%	\$298,00	\$298,00		
	15%	\$10.593,87	\$21.187,74			5%	\$2.648,47	\$2.648,47		
	15%	\$3.577,33	\$7.154,66			5%	\$894,33	\$894,33		
	15%	\$3.938,90	\$7.877,80			5%	\$984,73	\$984,73		
	15%	\$394,18	\$788,36			5%	\$98,29	\$98,29		
	15%	\$50.713,00	\$101.426,00			5%	\$12.678,25	\$12.678,25		
	15%	\$23.290,50	\$46.581,00			5%	\$5.807,57	\$5.807,57		
	15%	\$2.917,00	\$5.834,00			5%	\$729,25	\$729,25		
	15%	\$1.969,97	\$3.939,94			5%	\$492,49	\$492,49		
	15%	\$19.581,02	\$39.162,04			5%	\$4.895,26	\$4.895,26		
	15%	\$16.494,18	\$32.988,36			5%	\$4.123,55	\$4.123,55		
	15%	\$240,00	\$480,00			5%	\$60,00	\$60,00		
	15%	\$547,20	\$1.094,40			5%	\$136,80	\$136,80		
	15%	\$564,00	\$1.128,00			5%	\$141,00	\$141,00		
	15%	\$5.032,20	\$10.064,40			5%	\$1.258,05	\$1.258,05		
	15%	\$7.675,07	\$15.350,14			5%	\$1.918,27	\$1.918,27		
	15%	\$1.909,00	\$3.818,00			5%	\$477,25	\$477,25		
	15%	\$1.672,80	\$3.345,60			5%	\$418,20	\$418,20		
	15%	\$9.163,23	\$18.326,46			5%	\$2.290,81	\$2.290,81		
	15%	\$545,16	\$1.090,32			5%	\$136,29	\$136,29		
	15%	\$325,41	\$650,82			5%	\$81,35	\$81,35		
	15%	\$894,87	\$1.789,74			5%	\$223,72	\$223,72		
	15%	\$689,37	\$1.378,74			5%	\$172,34	\$172,34		
	15%	\$365,45	\$730,90			5%	\$91,36	\$91,36		
	15%	\$2.110,66	\$4.221,32			5%	\$527,66	\$527,66		
	15%	\$792,29	\$1.584,58			5%	\$198,07	\$198,07		
	15%	\$470,73	\$941,46			5%	\$117,68	\$117,68		
	15%	\$3.115,50	\$6.231,00			5%	\$778,88	\$778,88		

(Handwritten signatures and initials)

ROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 33 (LIGHTING)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE Ocorrências DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE Ocorrências DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
C2	EMERGENCY LIGHT	06-0055-11	2	\$6.830,68	50%	\$2.390,74	\$2.390,74			50%	\$1.366,14	\$1.366,14
H7	SWITCH L DIM	70556-01148-101	1	\$2.532,45	50%	\$1.772,72	\$1.772,72			50%	\$1.012,98	\$1.012,98
H7	SEARCHLIGHT	45-0011-11	2	\$12.180,00	50%	\$4.263,00	\$4.263,00			50%	\$2.436,00	\$2.436,00
P3	LIGHT ASSEMBLY, LAND	G8895-1	16	\$210.398,13	30%	\$9.204,92	\$46.024,59			50%	\$5.259,95	\$42.079,63
A7	LIGHT NAVIGATIONAL AIRCRAFT	G4400A24-24	10	\$10.542,05	30%	\$737,94	\$2.213,83			50%	\$421,68	\$2.108,41
A7	LIGHT NAVIGATIONAL AIRCRAFT	M521277-1-2079	9	\$5.733,18	30%	\$445,91	\$1.337,74			50%	\$254,81	\$1.274,04
U8	ANNUNCIATOR PANEL	2670104-2	9	\$123.597,57	30%	\$9.613,14	\$28.839,43			50%	\$5.493,23	\$27.466,13
P3	LIGHT ASSEMBLY, LAND	G8895-1	16	\$210.398,13	30%	\$9.204,92	\$46.024,59			50%	\$5.259,95	\$42.079,63
H7	SEARCHLIGHT	45-0011-11	6	\$12.180,00	30%	\$1.421,00	\$2.842,00			50%	\$168,83	\$2.436,00
H7	SWITCH L DIM	70556-01148-101	6	\$2.532,45	30%	\$295,45	\$590,91			50%	\$168,83	\$506,49
P3	LIGHT LANDING AIRCRAFT	44-0024-1	1	\$87.734,85	30%	\$20.471,47	\$20.471,47			50%	\$11.697,98	\$23.395,96
P3	LIGHT NAVIGATIONAL AIRCRAFT	400702-1152079	1	\$14.233,70	30%	\$9.963,59	\$9.963,59			50%	\$5.693,48	\$5.693,48

Referência da Ata \$ 357.117,38

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 166.734,60	\$ -
Reparo	\$ 151.854,87	\$ -
Pequeno Reparo	\$ 33.543,28	\$ -
NFF	\$ 4.984,63	\$ -
Total	\$ 357.117,38	\$ -

DEFESA AERONAUTICA
 FF: 99
 Proc: 67101
 Rub 001981/18-82
 CELOG

(Handwritten signatures and initials)

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 33 (LIGHTIN)

VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$683,07	\$683,07			5%	\$170,77	\$170,77		
		14%	\$406,49	\$406,49			5%	\$126,62	\$126,62		
		15%	\$1.218,00	\$1.218,00			5%	\$304,50	\$304,50		
		15%	\$2.629,98	\$1.889,93			5%	\$657,49	\$657,49		
		15%	\$210,84	\$21,68			5%	\$52,71	\$52,71		
		15%	\$127,40	\$24,81			5%	\$31,85	\$31,85		
		15%	\$2.746,61	\$5.493,23			5%	\$686,65	\$686,65		
		15%	\$2.629,98	\$7.889,93			5%	\$657,49	\$657,49		
		15%	\$406,00	\$406,00			5%	\$101,50	\$101,50		
		15%	\$84,42	\$84,42			5%	\$21,10	\$21,10		
		15%	\$5.848,99	\$5.848,99			5%	\$1.462,25	\$1.462,25		
		15%	\$2.846,74	\$2.846,74			5%	\$711,68	\$711,68		

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PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO
A7	CONTROL UNIT SWITCH	622-6134-002	8	\$73.456,00	30%	\$6.427,40	\$19.282,20	\$19.282,20	\$19.282,20	50%	\$3.672,80
A7	ATTITUDE ALERTA	45100-D4111	1	\$15.600,00	30%	\$5.460,00	\$5.460,00	\$5.460,00	\$5.460,00	50%	\$3.120,00
A7	IND RADAR	3614078-8203	2	\$10.387,34	30%	\$3.635,57	\$3.635,57	\$3.635,57	\$3.635,57	50%	\$2.077,47
A7	ALTIMETER PRESS	MD15-112	1	\$4.142,00	30%	\$2.899,40	\$2.899,40	\$2.899,40	\$2.899,40	50%	\$1.656,80
A7	ATTITUDE INDICATOR	4206-10	4	\$14.122,00	30%	\$2.471,35	\$4.942,70	\$4.942,70	\$4.942,70	50%	\$1.412,20
P5	GYROSCOPE RATE	64385-303	2	\$4.767,99	30%	\$1.668,80	\$1.668,80	\$1.668,80	\$1.668,80	50%	\$953,60
P5	GYROSCOPE RATE	2-759145	2	\$901,98	30%	\$315,69	\$315,69	\$315,69	\$315,69	50%	\$180,40
P5	GYROSCOPE RATE	20110	26	\$202.053,43	30%	\$5.439,36	\$43.514,89	\$43.514,89	\$43.514,89	50%	\$3.108,21
P5	GYROSCOPE RATE	20100	7	\$42.405,34	30%	\$4.240,33	\$12.721,00	\$12.721,00	\$12.721,00	50%	\$2.423,05
H7	GYROSCOPE RATE	TRU-2A/A	1	\$11.992,04	30%	\$8.394,43	\$8.394,43	\$8.394,43	\$8.394,43	50%	\$4.796,81
H7	GYROSCOPE RATE	GG459AB01	1	\$13.187,55	30%	\$9.231,27	\$9.231,27	\$9.231,27	\$9.231,27	50%	\$5.275,01
H7	INTERROGATOR SET	DME-42	2	\$22.199,00	30%	\$7.769,65	\$7.769,65	\$7.769,65	\$7.769,65	50%	\$4.439,80
H7	GYROSCOPE RATE	B2888-01	2	\$19.718,57	30%	\$6.901,50	\$6.901,50	\$6.901,50	\$6.901,50	50%	\$3.943,71
H7	NAVIGATOR PROCESSOR UNIT	81840-0781	1	\$11.675,18	30%	\$3.171,23	\$3.171,23	\$3.171,23	\$3.171,23	50%	\$4.669,27
H7	NAVIGATOR PROCESSOR UNIT	81840-05-007C	1	\$154.629,54	30%	\$36.080,23	\$36.080,23	\$36.080,23	\$36.080,23	50%	\$20.617,27
H7	CLIMB RATE METER	70550-01124-106	9	\$64.226,00	30%	\$8.526,70	\$25.380,10	\$25.380,10	\$25.380,10	50%	\$4.872,40
H7	SELECTOR MODE FSLV	70450-01901-114	3	\$14.986,07	30%	\$14.986,07	\$14.986,07	\$14.986,07	\$14.986,07	50%	\$8.563,47
H7	SELECTOR MODE FSLV	4502184-9	1	\$22.558,67	30%	\$15.791,07	\$15.791,07	\$15.791,07	\$15.791,07	50%	\$9.023,47
H7	GYROSCOPE DISPLACEMENT	66060-3	1	\$13.346,50	30%	\$9.342,55	\$9.342,55	\$9.342,55	\$9.342,55	50%	\$5.336,60
H7	GYROSCOPE DISPLACEMENT	14597401-03	2	\$7.368,00	30%	\$3.078,80	\$3.078,80	\$3.078,80	\$3.078,80	50%	\$7.473,60
H7	ALTIMETER PRESSURE	10450-11327	1	\$10.148,43	30%	\$7.103,90	\$7.103,90	\$7.103,90	\$7.103,90	50%	\$4.059,37
H7	ALTIMETER PRESSURE	101450-11883	7	\$166.388,16	30%	\$16.638,82	\$49.916,45	\$49.916,45	\$49.916,45	50%	\$9.307,89
H7	ALTIMETER ENCODER	101450-12145	1	\$7.566,67	30%	\$5.296,67	\$5.296,67	\$5.296,67	\$5.296,67	50%	\$3.026,67
P1	VALVE CROSS	43030-1	1	\$42.783,33	30%	\$14.974,17	\$14.974,17	\$14.974,17	\$14.974,17	50%	\$8.556,67
U8	GYRO DIRECTION	C661054-0101	3	\$10.491,09	30%	\$2.447,92	\$2.447,92	\$2.447,92	\$2.447,92	50%	\$1.398,81
U8	GYRO HORIZON	6661051-0201	5	\$17.212,90	30%	\$2.409,81	\$4.819,61	\$4.819,61	\$4.819,61	50%	\$1.398,81
U8	GYRO HORIZON	5044011-0986	3	\$2.853,53	30%	\$2.853,53	\$2.853,53	\$2.853,53	\$2.853,53	50%	\$1.630,59
U8	GYRO HORIZON	944-0006-06207	1	\$2.188,30	30%	\$1.531,81	\$1.531,81	\$1.531,81	\$1.531,81	50%	\$875,32
U8	ENCODING ALTIMETER	066-03064-0002	1	\$4.068,00	30%	\$2.847,60	\$2.847,60	\$2.847,60	\$2.847,60	50%	\$1.627,20
U8	DISPLAY UNIT GPU 1040A	011-00916-00	1	\$11.441,50	30%	\$8.009,05	\$8.009,05	\$8.009,05	\$8.009,05	50%	\$4.576,00
U8	MAGNETOMETER OMU 44	011-00870-001	7	\$13.419,00	30%	\$4.025,70	\$4.025,70	\$4.025,70	\$4.025,70	50%	\$2.166,80
U8	UNIT-AHRS	011-00868-10	1	\$5.730,96	30%	\$2.611,67	\$2.611,67	\$2.611,67	\$2.611,67	50%	\$1.493,38
U8	GYRO HORIZON	504003031-1	2	\$4.380,40	30%	\$1.533,14	\$1.533,14	\$1.533,14	\$1.533,14	50%	\$876,08
A2	INDICATOR UNIT	4574001B1961	1	\$11.113,00	30%	\$9.879,10	\$9.879,10	\$9.879,10	\$9.879,10	50%	\$5.643,20
A2	RECEIVER-TRANSMITTER RADAR	622-7337-091	5	\$26.483,30	30%	\$31.707,66	\$63.415,32	\$63.415,32	\$63.415,32	50%	\$18.118,66
A2	COMPUTER AUP	622-8315-302	1	\$10.560,00	30%	\$7.392,00	\$7.392,00	\$7.392,00	\$7.392,00	50%	\$4.224,00
A7	RECEIVER-TRANSMITTER RADIOIDENTIFICATION	"154000"	2	\$88.189,10	30%	\$30.866,19	\$30.866,19	\$30.866,19	\$30.866,19	50%	\$17.637,82
A7	FCDL GRAY 4INCH	1018-5-113	2	\$44.096,00	30%	\$15.433,60	\$15.433,60	\$15.433,60	\$15.433,60	50%	\$8.819,20
A7	CSXREFET	110498-22	5	\$6.539,78	30%	\$9.153,57	\$1.831,14	\$1.831,14	\$1.831,14	50%	\$923,18
A7	CONTROL COMPUTER	2192-401-11101	6	\$252.149,64	30%	\$29.417,46	\$38.834,92	\$38.834,92	\$38.834,92	50%	\$16.809,98
A7	CONTROL TRANSDUCER SET	270-238-040	30	\$85.020,00	30%	\$1.983,80	\$1.983,80	\$1.983,80	\$1.983,80	50%	\$1.133,60
A7	EMERGENCY LOCATOR TRANSMITTER MODE C 406-2	455-0008-710	20	\$50.180,60	30%	\$1.756,32	\$10.537,93	\$10.537,93	\$10.537,93	50%	\$1.003,61
A7	FLUXO DETECTOR	622-5812-004	5	\$23.202,55	30%	\$3.248,36	\$6.496,71	\$6.496,71	\$6.496,71	50%	\$3.452,04
A7	COMPUTER HEADLINE ATTITUDE	622-6190-204	20	\$980.903,80	30%	\$34.331,63	\$205.989,80	\$205.989,80	\$205.989,80	50%	\$19.618,08
A7	BRIDGE/AMPLIFIER UN	KA-8	40	\$51.332,40	30%	\$447,97	\$6.575,60	\$6.575,60	\$6.575,60	50%	\$313,12
A7	COMPASS MAGNETIC UNMOUNTED	KC40104W	16	\$19.736,80	30%	\$665,49	\$4.317,43	\$4.317,43	\$4.317,43	50%	\$403,42
T1	INDICADOR RPM	115106-3E	30	\$155.364,00	30%	\$3.625,16	\$32.626,44	\$32.626,44	\$32.626,44	50%	\$2.071,52
T1	VELOCIMETRO	39948-00901	100	\$699.159,00	30%	\$4.894,11	\$146.823,39	\$146.823,39	\$146.823,39	50%	\$2.796,64
T1	ALTIMETER	64111-307-1	30	\$408.903,50	30%	\$9.541,08	\$38.869,69	\$38.869,69	\$38.869,69	50%	\$5.452,04
T1	INDICATOR METEOROLOGICAL DATA	78-8060-5900-8	10	\$63.750,00	30%	\$4.461,10	\$13.383,30	\$13.383,30	\$13.383,30	50%	\$2.549,70
T1	TURNBANK	M4350-04	30	\$51.999,90	30%	\$1.213,33	\$10.919,98	\$10.919,98	\$10.919,98	50%	\$603,53
T2	RUSH LIGHT INSTRUMENT	33M4001-1	100	\$6.285.635,00	30%	\$43.859,45	\$1.315.783,55	\$1.315.783,55	\$1.315.783,55	50%	\$25.062,54
T2	SLAVING ACCESSORY	071-1055-04	5	\$830,00	30%	\$119,00	\$238,00	\$238,00	\$238,00	50%	\$68,00
T9	ENCODING ALTIM	503321-P157W	6	\$10.027,50	30%	\$1.169,88	\$2.339,75	\$2.339,75	\$2.339,75	50%	\$668,50
T9	INDICATOR ALTITUDE	504-0066-914	1	\$1.320,00	30%	\$924,00	\$924,00	\$924,00	\$924,00	50%	\$528,00
T9	TRANSDUCER	622-2092-001	50	\$91.622,50	30%	\$1.282,72	\$19.240,73	\$19.240,73	\$19.240,73	50%	\$732,98
T9	POWER SUPPLY	622-2091-001	2	\$1.011,66	30%	\$417,08	\$417,08	\$417,08	\$417,08	50%	\$238,33
T9	INDICATOR VELOCITY	7060-W	1	\$760,21	30%	\$546,15	\$546,15	\$546,15	\$546,15	50%	\$312,08
T9	AIR SPEED INDIC	8903-W	10	\$19.981,90	30%	\$232,63	\$347,88	\$347,88	\$347,88	50%	\$161,50
T9	TURNSLIP	9501-W	10	\$19.981,90	30%	\$1.398,73	\$4.196,20	\$4.196,20	\$4.196,20	50%	\$799,28

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T9	HORIZONTAL EFFICIENT INDICATOR	ADAPTOR	20	\$89.454,80	30%	\$3.130,92	\$18.785,51	50%	\$1.789,10
T9	RECEPTOR VOR	DIAGNÓSTICO	10	\$4.800,00	30%	\$386,00	\$1.008,00	50%	\$192,00
T9	GYROHORIZON	MODULO	2	\$12,82	30%	\$3,90	\$19,40	50%	\$182,36
T9	PRECISION	3000000011	3	\$6.545,82	30%	\$1.973,56	\$1.597,36	50%	\$912,56
T9	TRANSPONDER KADOMETRY	0110001008	2	\$9.984,93	30%	\$3.034,73	\$3.044,73	50%	\$1.996,49
T9	COMPUTER AERIALVA	01100077910	4	\$19.504,70	30%	\$5.851,27	\$6.756,54	50%	\$1.970,44
T9	DISP. ANTENNA LIGHTING/NAVIGATION	0110008810	10	\$54.857,10	30%	\$3.840,00	\$1.519,99	50%	\$3.194,28
T9	INTEGRATED AVIONICS/INTEGRATED W	0110100501	1	\$6.576,60	30%	\$4.615,62	\$4.603,62	50%	\$2.630,64
T9	CORREL. DRBG. TRIMAL. ALTITUDE/PILOT	060005100	2	\$20.746,72	30%	\$7.251,35	\$7.261,35	50%	\$4.149,34
T9	EIGHT DITHER	060005100	20	\$76.069,20	30%	\$2.648,42	\$15.974,53	50%	\$1.521,38
T9	INDICATOR	060005100	20	\$34.000,00	30%	\$1.190,00	\$7.140,00	50%	\$680,00
T9	RECEIVER/TRANSMITTER RADIO	060005100	4	\$12.528,62	30%	\$7.417,51	\$14.815,02	50%	\$4.232,86
T9	NAVIGATOR/SET/LITE/RES/NAV/NAV	060005100	1	\$3.087,50	30%	\$2.791,25	\$2.791,25	50%	\$1.595,00
T9	SLAV/NAV/ESS SPEC	0710100100	40	\$1.003,94	30%	\$17,57	\$210,83	50%	\$10,04
T9	INDICATOR TURB/NAV	D1904100010	3	\$6.418,00	30%	\$2.271,12	\$2.271,12	50%	\$1.297,78
T9	HORIZ. GYRO-STADY	060005100	2	\$6.488,00	30%	\$529,19	\$1.587,58	50%	\$302,40
T9	TOR/BLANK	060005100	10	\$7.559,90	30%	\$2.712,12	\$2.712,12	50%	\$1.471,16
T9	ANALOG/INDICATOR	060005100	8	\$2.943,15	30%	\$2.973,53	\$2.973,53	50%	\$147,16
T9	ANALOG/INDICATOR	060005100	4	\$4.381,18	30%	\$766,71	\$1.533,41	50%	\$158,12
T9	INDICATOR HORIZONTAL SITUATION	060005100	1	\$6.362,77	30%	\$4.455,94	\$4.455,94	50%	\$2.545,11
T9	INDICATOR GYRO/HORIZON	060005100	1	\$3.372,46	30%	\$1.660,72	\$1.660,72	50%	\$948,98
T9	VALVE CROSS	43090-1	2	\$42.383,33	30%	\$14.674,17	\$14.974,17	50%	\$3.556,67
T9	DRIPS/SCREW RATE	20101	15	\$202.033,43	30%	\$9.428,23	\$47.141,13	50%	\$3.387,36
T9	DRIPS/SCREW RATE	20101	15	\$801,98	30%	\$210,46	\$210,46	50%	\$34,05
T9	GYRO/SCREW RATE	20101	3	\$301,98	30%	\$210,46	\$210,46	50%	\$120,26
T9	GYRO/SCREW RATE	43090-1	15	\$4.767,99	30%	\$272,51	\$1.127,53	50%	\$127,15
T9	GYRO/SCREW RATE	30100	30	\$42.403,34	30%	\$761,09	\$9.133,03	50%	\$434,91
T9	GYRO/SCREW RATE	1430740100	6	\$37.868,00	30%	\$4.535,60	\$8.719,20	50%	\$2.491,20
T9	GYRO/SCREW RATE	66000-3	6	\$13.346,50	30%	\$1.557,09	\$3.114,18	50%	\$889,17
T9	GYRO/SCREW RATE	060005100	6	\$154.620,54	30%	\$18.600,11	\$36.080,23	50%	\$10.506,64
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$64.226,00	30%	\$7.493,03	\$14.986,07	50%	\$4.291,75
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	18	\$106.629,00	30%	\$4.526,35	\$2.580,10	50%	\$2.426,20
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	2	\$11.673,18	30%	\$2.723,74	\$2.723,74	50%	\$1.556,42
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$32.199,00	30%	\$2.539,88	\$5.179,77	50%	\$1.479,93
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$11.992,04	30%	\$1.539,07	\$2.798,14	50%	\$799,47
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	3	\$13.187,53	30%	\$3.077,09	\$3.077,09	50%	\$1.758,34
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	3	\$7.566,67	30%	\$1.756,56	\$1.756,56	50%	\$1.008,89
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	12	\$166.588,16	30%	\$9.705,98	\$38.823,90	50%	\$5.546,27
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	9	\$10.148,43	30%	\$789,32	\$2.697,97	50%	\$451,04
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$22.558,67	30%	\$2.651,84	\$5.265,69	50%	\$1.505,91
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	15	\$19.718,57	30%	\$920,20	\$4.601,00	50%	\$525,83
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$12.248,00	30%	\$14.145,60	\$8.291,20	50%	\$3.083,20
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$14.437,30	30%	\$1.643,35	\$3.368,70	50%	\$962,49
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$105.440,00	30%	\$12.501,35	\$34.602,67	50%	\$7.029,33
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	5	\$30.966,84	30%	\$2.408,53	\$7.252,60	50%	\$1.376,30
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	5	\$30.624,00	30%	\$3.972,80	\$7.145,60	50%	\$3.041,60
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	6	\$80.784,00	30%	\$9.424,80	\$18.849,60	50%	\$5.345,60
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	1	\$63.345,95	30%	\$14.780,72	\$14.780,72	50%	\$8.446,13
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	4	\$42.988,28	30%	\$7.527,95	\$15.045,90	50%	\$4.298,83
T9	NAVIGATOR/PROX/SS/NAV/UNIT	060005100	4	\$53.796,96	30%	\$5.914,47	\$11.828,94	50%	\$3.379,70
T9	INDICATOR ATTITUDE	301005001	12	\$10.390,88	30%	\$3.914,47	\$23.657,87	50%	\$3.379,70

Referência da Ata \$ 6.177.451,78

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Totais		Referência	Proposta
Overhaul	\$ 2.962.923,43	\$ -	-
Reparo	\$ 2.667.103,55	\$ -	-
Reparo Reparo	\$ 481.209,57	\$ -	-
NF	\$ 66.215,23	\$ -	-
Total	\$ 6.177.451,78	\$ -	-

M. DEFESA
 Proc: 67101
 Rub: 001981/18-88
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REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$14.691,20			15%	\$1.836,40	\$3.672,80			5%	\$459,10	\$459,10		
\$3.120,00			15%	\$1.560,00	\$1.560,00			5%	\$390,00	\$390,00		
\$2.077,47			15%	\$1.038,73	\$1.038,73			5%	\$259,68	\$259,68		
\$1.636,80			15%	\$828,40	\$828,40			5%	\$207,10	\$207,10		
\$2.824,40			15%	\$706,10	\$706,10			5%	\$176,53	\$176,53		
\$953,60			15%	\$476,80	\$476,80			5%	\$119,20	\$119,20		
\$130,40			15%	\$90,20	\$90,20			5%	\$22,55	\$22,55		
\$40.406,69			15%	\$1.554,10	\$6.216,41			5%	\$388,53	\$777,05		
\$9.692,19			15%	\$2.111,52	\$2.423,05			5%	\$502,88	\$302,88		
\$4.796,81			15%	\$2.398,41	\$2.598,41			5%	\$599,60	\$599,60		
\$5.275,01			15%	\$2.637,51	\$2.637,51			5%	\$659,38	\$659,38		
\$4.639,80			15%	\$2.319,90	\$2.319,90			5%	\$554,98	\$554,98		
\$3.943,71			15%	\$1.971,86	\$1.971,86			5%	\$492,96	\$492,96		
\$4.669,27			15%	\$2.334,64	\$2.334,64			5%	\$583,66	\$583,66		
\$41.234,54			15%	\$10.308,64	\$10.308,64			5%	\$2.577,16	\$2.577,16		
\$24.362,00			15%	\$2.456,20	\$4.872,40			5%	\$609,05	\$609,05		
\$17.126,93			15%	\$4.281,73	\$4.281,73			5%	\$1.070,43	\$1.070,43		
\$9.023,47			15%	\$4.511,73	\$4.511,73			5%	\$1.127,93	\$1.127,93		
\$5.338,60			15%	\$2.669,30	\$2.669,30			5%	\$667,33	\$667,33		
\$7.473,60			15%	\$3.736,80	\$3.736,80			5%	\$934,20	\$934,20		
\$4.059,37			15%	\$2.029,69	\$2.029,69			5%	\$507,42	\$507,42		
\$38.031,58			15%	\$4.753,95	\$9.507,89			5%	\$1.188,49	\$1.188,49		
\$8.536,67			15%	\$4.278,33	\$4.278,33			5%	\$378,33	\$378,33		
\$2.791,62			15%	\$699,41	\$699,41			5%	\$174,85	\$174,85		
\$4.131,10			15%	\$688,52	\$688,52			5%	\$172,13	\$172,13		
\$3.261,18			15%	\$815,29	\$815,29			5%	\$203,82	\$203,82		
\$875,32			15%	\$437,66	\$437,66			5%	\$109,41	\$109,41		
\$1.627,20			15%	\$813,60	\$813,60			5%	\$203,40	\$203,40		
\$4.576,60			15%	\$2.288,30	\$2.288,30			5%	\$572,07	\$572,07		
\$3.067,20			15%	\$383,40	\$766,80			5%	\$95,85	\$95,85		
\$1.492,38			15%	\$746,19	\$746,19			5%	\$186,55	\$186,55		
\$876,08			15%	\$438,04	\$438,04			5%	\$109,51	\$109,51		
\$5.643,20			15%	\$2.821,60	\$2.821,60			5%	\$705,65	\$705,65		
\$4.555,99			15%	\$9.059,33	\$9.059,33			5%	\$2.264,83	\$2.264,83		
\$4.224,00			15%	\$2.112,00	\$2.112,00			5%	\$528,00	\$528,00		
\$17.637,82			15%	\$8.818,91	\$8.818,91			5%	\$2.204,73	\$2.204,73		
\$8.819,20			15%	\$4.409,60	\$4.409,60			5%	\$1.102,40	\$1.102,40		
\$1.569,55			15%	\$261,59	\$261,59			5%	\$65,40	\$65,40		
\$50.429,93			15%	\$8.404,99	\$8.404,99			5%	\$2.101,25	\$2.101,25		
\$17.004,00			15%	\$566,80	\$2.834,00			5%	\$141,70	\$283,40		
\$10.036,12			15%	\$501,81	\$1.505,42			5%	\$232,03	\$125,45		
\$5.568,61			15%	\$928,10	\$928,10			5%	\$232,03	\$232,03		
\$6.265,48			15%	\$9.809,04	\$29.427,11			5%	\$2.452,26	\$2.452,26		
\$3.947,56			15%	\$136,56	\$939,37			5%	\$39,14	\$78,28		
\$1.077,80			15%	\$246,71	\$740,13			5%	\$61,68	\$123,36		
\$139.831,80			15%	\$1.053,76	\$5.178,80			5%	\$258,94	\$517,88		
\$81.780,66			15%	\$1.398,32	\$30.974,77			5%	\$349,58	\$1.747,90		
\$12.746,00			15%	\$2.726,02	\$13.650,11			5%	\$681,51	\$1.363,01		
\$10.399,98			15%	\$1.274,60	\$2.549,20			5%	\$318,65	\$318,65		
\$1.253.127,00			15%	\$346,67	\$1.733,33			5%	\$86,67	\$173,33		
\$204,00			15%	\$12.331,27	\$187.969,05			5%	\$3.132,82	\$15.664,09		
\$2.005,50			15%	\$54,00	\$54,00			5%	\$8,50	\$8,50		
\$528,00			15%	\$334,25	\$334,25			5%	\$83,56	\$83,56		
\$18.324,50			15%	\$264,00	\$264,00			5%	\$66,00	\$66,00		
\$238,33			15%	\$366,49	\$2.051,92			5%	\$91,62	\$274,87		
\$312,08			15%	\$119,17	\$119,17			5%	\$29,79	\$29,79		
\$807,50			15%	\$156,04	\$156,04			5%	\$39,01	\$39,01		
\$3.996,38			15%	\$80,75	\$161,50			5%	\$20,19	\$20,19		
			15%	\$399,64	\$799,28			5%	\$99,91	\$99,91		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETOS BÁSICO - ATA 34 (NÁVIGAR)

\$17.890,96			15%	\$394,35	\$2.683,64	5%	\$223,64	\$223,64
\$960,00			15%	\$96,00	\$192,00	5%	\$24,00	\$24,00
\$182,56			15%	\$91,28	\$91,28	4%	\$22,42	\$22,42
\$1.835,55			15%	\$367,11	\$456,39	5%	\$114,10	\$114,10
\$1.896,99			15%	\$379,40	\$996,49	5%	\$249,62	\$249,62
\$3.660,88			15%	\$732,17	\$965,22	5%	\$241,31	\$241,31
\$10.971,42			15%	\$2.194,26	\$1.097,14	5%	\$274,29	\$274,29
\$2.650,64			15%	\$531,32	\$1.315,32	5%	\$328,83	\$328,83
\$4.149,34			15%	\$792,47	\$2.074,67	5%	\$518,67	\$518,67
\$15.213,84			15%	\$3.040,00	\$2.282,08	5%	\$190,17	\$190,17
\$6.800,00			15%	\$1.360,00	\$340,00	5%	\$85,00	\$85,00
\$8.465,72			15%	\$1.691,43	\$2.116,43	5%	\$529,11	\$529,11
\$57.928,54			15%	\$11.592,14	\$5.689,25	5%	\$158,03	\$158,03
\$1.595,00			15%	\$313,75	\$797,50	5%	\$199,38	\$199,38
\$200,79			15%	\$50,20	\$125,50	5%	\$31,38	\$31,38
\$664,24			15%	\$166,06	\$415,06	5%	\$103,77	\$103,77
\$1.297,78			15%	\$324,45	\$811,16	5%	\$202,79	\$202,79
\$1.511,98			15%	\$377,99	\$942,40	5%	\$235,60	\$235,60
\$588,69			15%	\$147,17	\$370,17	5%	\$92,54	\$92,54
\$876,24			15%	\$219,06	\$547,16	5%	\$139,29	\$139,29
\$2.545,11			15%	\$636,28	\$1.611,22	5%	\$402,80	\$402,80
\$948,98			15%	\$237,25	\$596,49	5%	\$149,12	\$149,12
\$8.556,67			15%	\$2.139,17	\$5.417,50	5%	\$1.354,38	\$1.354,38
\$45.100,47			15%	\$11.275,12	\$2.718,78	5%	\$673,44	\$673,44
\$192,42			15%	\$48,11	\$120,27	5%	\$30,07	\$30,07
\$240,33			15%	\$60,08	\$150,13	5%	\$37,53	\$37,53
\$1.017,17			15%	\$254,29	\$635,67	5%	\$158,92	\$158,92
\$8.698,12			15%	\$2.174,51	\$5.433,60	5%	\$1.358,40	\$1.358,40
\$7.473,60			15%	\$1.868,40	\$4.615,20	5%	\$1.153,80	\$1.153,80
\$2.669,30			15%	\$667,33	\$1.668,33	5%	\$417,08	\$417,08
\$30.925,91			15%	\$7.731,48	\$19.427,39	5%	\$4.856,85	\$4.856,85
\$12.845,20			15%	\$3.211,30	\$8.140,87	5%	\$2.035,22	\$2.035,22
\$21.925,80			15%	\$5.481,45	\$13.707,30	5%	\$3.426,83	\$3.426,83
\$3.112,85			15%	\$778,21	\$1.945,46	5%	\$486,37	\$486,37
\$4.459,80			15%	\$1.114,95	\$2.799,75	5%	\$699,94	\$699,94
\$2.598,41			15%	\$649,60	\$1.624,01	5%	\$406,00	\$406,00
\$3.316,67			15%	\$829,17	\$2.073,84	5%	\$518,46	\$518,46
\$2.017,78			15%	\$504,44	\$1.261,11	5%	\$315,28	\$315,28
\$33.277,65			15%	\$8.319,41	\$20.796,82	5%	\$5.199,20	\$5.199,20
\$2.255,21			15%	\$563,80	\$1.409,51	5%	\$352,38	\$352,38
\$4.511,73			15%	\$1.127,93	\$2.819,86	5%	\$704,97	\$704,97
\$4.206,63			15%	\$1.051,66	\$2.629,15	5%	\$657,29	\$657,29
\$24.249,60			15%	\$6.062,40	\$15.156,00	5%	\$3.789,00	\$3.789,00
\$2.887,46			15%	\$721,87	\$1.804,72	5%	\$451,18	\$451,18
\$21.088,00			15%	\$5.270,00	\$13.178,00	5%	\$3.294,50	\$3.294,50
\$6.881,52			15%	\$1.720,38	\$4.300,80	5%	\$1.075,20	\$1.075,20
\$6.124,80			15%	\$1.531,20	\$3.828,00	5%	\$957,00	\$957,00
\$16.156,80			15%	\$4.039,20	\$10.098,40	5%	\$2.524,60	\$2.524,60
\$16.892,25			15%	\$4.223,06	\$10.557,75	5%	\$2.639,44	\$2.639,44
\$8.597,66			15%	\$2.149,41	\$5.374,45	5%	\$1.343,61	\$1.343,61
\$6.759,39			15%	\$1.689,85	\$4.224,46	5%	\$1.056,12	\$1.056,12
\$20.278,18			15%	\$5.069,55	\$12.694,70	5%	\$3.173,68	\$3.173,68

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PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCOBRÊNCIAS DE REPARO DE REPARO	VALOR UNITÁRIO PARA PROPOSTO REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL
P3	REGULATOR OXYGEN	1260079-0102	22	\$224.708,00	30%	\$7.149,80	\$50.048,60	50%	\$4.085,60	\$4.085,60
P3	REGULATOR OXYGEN DEMAND	29235-10AB9	5	\$131.615,00	30%	\$18.426,10	\$36.852,20	50%	\$10.529,20	\$10.529,20
P3	REGULATOR OXYGEN DILUTER DEMAND	1600	11	\$8.366,49	30%	\$532,41	\$2.129,65	50%	\$304,24	\$304,24
P3	OXYGEN SYSTEM PORTABLE	1520	9	\$106.404,03	30%	\$8.275,87	\$24.827,61	50%	\$4.729,07	\$4.729,07
P3	OXYGEN SYSTEM PORTABLE	1520	9	\$106.404,03	30%	\$8.275,87	\$24.827,61	50%	\$4.729,07	\$4.729,07
P3	REGULATOR OXYGEN DILUTER DEMAND	1600	11	\$8.366,49	30%	\$532,41	\$2.129,65	50%	\$304,24	\$304,24
P3	REGULATOR OXYGEN DEMAND	29235-10AB9	5	\$131.615,00	30%	\$18.426,10	\$36.852,20	50%	\$10.529,20	\$10.529,20
P3	REGULATOR	14950-17	2	\$6.866,00	30%	\$2.403,10	\$2.403,10	50%	\$1.373,20	\$1.373,20
P3	REGULATOR OXYGEN	14950-26	12	\$315.876,00	30%	\$18.426,10	\$73.704,40	50%	\$10.529,20	\$10.529,20
P3	REGULATOR OXYGEN DILUTER DEMAND	14950-26A	6	\$157.958,00	30%	\$18.426,10	\$36.852,20	50%	\$7.692,20	\$7.692,20
P3	REGULATOR OXYGEN DILUTER DEMAND	14950-7B	1	\$19.230,50	30%	\$13.461,35	\$13.461,35	50%	\$802,53	\$802,53
P3	REGULATOR OXYGEN	326697-0101	132	\$224.708,00	30%	\$1.404,43	\$47.750,45	50%	\$24.018,70	\$24.018,70
P3	UNIT OXYGEN GENERATOR, 315, CBIGAS, REGAL FUSBLLA	324115-0101	60	\$5.602.805,60	30%	\$42.032,73	\$756.589,18	50%		

Referência da Ata \$ 2.319.103,01

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 1.028.428,19	\$ -
Reparo	\$ 1.028.389,23	\$ -
Pequeno Reparo	\$ 163.999,17	\$ -
NPF	\$ 18.286,41	\$ -
Total	\$ 2.319.103,01	\$ -

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 35 (OXIGEN SY

REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENOS REPAROS	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENOS REPAROS	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENOS REPAROS	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NPF	VALOR UNITÁRIO DE REFERÊNCIA PARA NPF	REFERÊNCIA TOTAL DE NPF	VALOR UNITÁRIO PROPOSTO PARA NPF	PROPOSTA TOTAL PARA NPF
\$44.941,60			15%	\$2.042,80	\$8.171,20			5%	\$510,70	\$1.021,40		
\$31.587,60			15%	\$3.264,60	\$5.264,60			5%	\$1.316,15	\$1.316,15		
\$1.825,42			15%	\$152,12	\$304,24			5%	\$38,03	\$38,03		
\$23.645,34			15%	\$2.364,53	\$4.729,07			5%	\$591,13	\$591,13		
\$23.645,34			15%	\$2.364,53	\$4.729,07			5%	\$591,13	\$591,13		
\$1.825,42			15%	\$152,12	\$304,24			5%	\$38,03	\$38,03		
\$31.587,60			15%	\$5.264,60	\$5.264,60			5%	\$1.316,15	\$1.316,15		
\$63.175,20			15%	\$686,50	\$686,60			5%	\$171,65	\$171,65		
\$31.587,60			15%	\$5.264,60	\$10.529,20			5%	\$1.316,15	\$1.316,15		
\$7.692,20			15%	\$3.846,10	\$3.846,60			5%	\$961,53	\$961,53		
\$44.941,60			15%	\$401,36	\$6.821,49			5%	\$100,32	\$501,90		
\$720.561,12			15%	\$12.009,55	\$108.084,17			5%	\$3.002,34	\$9.007,01		

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 36 (PNEUMATI)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO
P3	ACCUMULATOR, PNEUMATIC	23711463	2	\$1.880,82	30%	\$658,29	\$658,29	\$658,29	\$658,29	50%	\$376,16
P3	ACCUMULATOR, PNEUMATIC	23711462	2	\$1.628,91	30%	\$570,12	\$570,12	\$570,12	\$570,12	50%	\$325,78
P3	COMPRESSOR UNIT, RECIPROCATING	13081903-4	3	\$33.990,21	30%	\$7.931,05	\$7.931,05	\$7.931,05	\$7.931,05	50%	\$4.522,03
P3	CONTROLLER AIR PRESSURE AIRCRAFT CABIN	102710-16-1	1	\$13.438,00	30%	\$9.406,60	\$9.406,60	\$9.406,60	\$9.406,60	50%	\$5.375,20
P3	CYLINDER, COMPRESSED GAS	MS26545AJX091AW	2	\$2.525,34	30%	\$883,87	\$883,87	\$883,87	\$883,87	50%	\$505,07
P3	TURBINE, AIRCRAFT COOLING	204770-1-1	3	\$94.429,50	30%	\$22.033,55	\$22.033,55	\$22.033,55	\$22.033,55	50%	\$12.590,60
P3	VALVE, SAFETY CABIN	103140-3	5	\$46.130,00	30%	\$6.458,20	\$12.916,40	\$12.916,40	\$12.916,40	50%	\$3.690,40
P3	VALVE AIR	41C220-53	1	\$10.681,00	30%	\$7.476,70	\$7.476,70	\$7.476,70	\$7.476,70	50%	\$4.272,40
P3	CYLINDER COMPRESSED (FREON BOTTLE)	2911154	3	\$15.882,00	30%	\$3.705,80	\$3.705,80	\$3.705,80	\$3.705,80	50%	\$2.117,60
IT	OVERHAUL UNIT	70094-0176-103	3	\$26.338,75	30%	\$6.145,71	\$6.145,71	\$6.145,71	\$6.145,71	50%	\$3.511,83

Referência da Ata \$ 162.468,69

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao valor de Referência da Ata

Tipo	Referência	Proposta
Overhaul	\$ 71.728,08	\$ -
Reparo	\$ 67.429,94	\$ -
Pequeno Reparo	\$ 18.648,54	\$ -
NFF	\$ 4.662,13	\$ -
Total	\$ 162.468,69	\$ -

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REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENOS REPAROS	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENOS REPAROS	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENOS REPAROS	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$376,16			15%	\$188,08	\$188,08			5%	\$47,02	\$47,02		
\$325,78			15%	\$162,89	\$162,89			5%	\$40,72	\$40,72		
\$9.064,06			15%	\$2.266,01	\$2.266,01			5%	\$566,50	\$566,50		
\$5.375,20			15%	\$2.687,60	\$2.687,60			5%	\$671,90	\$671,90		
\$305,07			15%	\$252,53	\$252,53			5%	\$63,13	\$63,13		
\$25.181,20			15%	\$6.295,30	\$6.295,30			5%	\$1.573,83	\$1.573,83		
\$11.071,20			15%	\$1.845,20	\$1.845,20			5%	\$461,30	\$461,30		
\$4.272,40			15%	\$2.136,20	\$2.136,20			5%	\$534,05	\$534,05		
\$4.235,20			15%	\$1.058,80	\$1.058,80			5%	\$264,70	\$264,70		
\$7.023,67			15%	\$1.755,92	\$1.755,92			5%	\$438,98	\$438,98		






PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO
H7	PANEL PAUL FUNCTION INDICATOR A	7655001105120	3	\$2.994,00	30%	\$7.698,60	\$7.698,60			50%	\$4.399,20
H7	PANEL PAUL FUNCTION INDICATOR A	44781000-99	1	\$13.372,00	30%	\$3.120,37	\$3.120,37			50%	\$1.783,07
H7	PANEL PAUL FUNCTION INDICATOR A	44781000-10	1	\$4.393,50	30%	\$3.075,45	\$3.075,45			50%	\$1.757,40
H7	PANEL PAUL FUNCTION INDICATOR AMICE/PT	7055001105120	9	\$2.994,00	30%	\$2.566,20	\$7.698,60			50%	\$1.466,40
H7	PANEL PAUL FUNCTION INDICATOR A	44781000-10	5	\$4.393,50	30%	\$512,58	\$1.025,15			50%	\$292,90
H7	PANEL PAUL FUNCTION INDICATOR A	44781000-99	9	\$13.372,00	30%	\$1.040,12	\$3.120,37			50%	\$594,36

Referência da Ata \$ 58.506,65

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 25.738,53	\$ -
Reparo	\$ 25.304,41	\$ -
Pequeno Reparo	\$ 6.177,04	\$ -
NFF	\$ 1.286,67	\$ -
Total	\$ 58.506,65	\$ -

M DEFE C AERONAUTICA
 Fl: 104
 Proc: 87101
 001981/18-82
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 CELOG

(Handwritten signatures and initials)

PROPOS PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 45 (CENTRAL MAINTENANCE) - M (CMS)

REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REQUENHO DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REQUENHO REPARO	REFERÊNCIA DO TOTAL DE REQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA REQUENHO REPARO	PROPOSTA TOTAL PARA REQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$8.798,40			15%	\$2.198,60	\$2.198,60			5%	\$549,90	\$549,90		
\$3.566,13			15%	\$891,53	\$891,53			5%	\$222,88	\$222,88		
\$1.757,40			15%	\$878,70	\$878,70			5%	\$219,68	\$219,68		
\$7.332,00			15%	\$133,20	\$1.466,40			5%	\$183,30	\$183,30		
\$878,70			15%	\$146,45	\$1.645,45			5%	\$36,61	\$36,61		
\$2.971,78			15%	\$297,18	\$594,36			5%	\$74,29	\$74,29		






PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
H7	AIR DATA COMPUTER	90004-005-0111000	4	\$157.680,00	30%	\$27.594,00	\$55.188,00			50%	\$15.768,00	\$51.536,00
H7	TRANSMITTER LIQUID QUANTITY	475067-002	1	\$4.315,00	30%	\$3.020,50	\$3.020,50			50%	\$1.726,00	\$1.726,00
P3	TRANSMITTER PRESSURE	MS28131-8T	6	\$15.052,74	30%	\$1.756,15	\$3.512,31			50%	\$1.005,52	\$3.010,55
P3	TRANSMITTER PRESSURE	MS28131-12T	3	\$6.550,50	30%	\$1.528,45	\$1.528,45			50%	\$873,40	\$1.746,80
P3	TRANSMITTER PRESSURE	MS28131-12T	3	\$6.550,50	30%	\$1.528,45	\$1.528,45			50%	\$873,40	\$1.746,80
P3	TRANSMITTER PRESSURE	MS28131-8T	6	\$15.052,74	30%	\$1.756,15	\$3.512,31			50%	\$1.005,52	\$3.010,55
H7	AIR DATA COMPUTER	90004-005-0111000	6	\$157.680,00	30%	\$18.396,00	\$36.792,00			50%	\$10.512,00	\$31.536,00
H7	TRANSMITTER LIQUID QUANTITY	475067-002	6	\$4.315,00	30%	\$593,42	\$1.006,83			50%	\$287,67	\$863,00

Referência da Ata \$ 201.294,23

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 106.088,85	\$ -
Reparo	\$ 75.175,70	\$ -
Pequeno Reparo	\$ 16.023,75	\$ -
NFF	\$ 4.005,94	\$ -
Total	\$ 201.294,23	\$ -

MINISTÉRIO DA DEFESA
 FL 105
 Proc: 87101
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(Handwritten signatures and initials)

VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$7.884,00	\$7.884,00			5%	\$1.971,00	\$1.971,00		
		15%	\$863,00	\$863,00			5%	\$215,75	\$215,75		
		15%	\$501,76	\$501,76			5%	\$125,44	\$125,44		
		15%	\$436,70	\$436,70			5%	\$109,18	\$109,18		
		15%	\$436,70	\$436,70			5%	\$109,18	\$109,18		
		15%	\$501,76	\$501,76			5%	\$125,44	\$125,44		
		15%	\$5.256,00	\$5.256,00			5%	\$1.314,00	\$1.314,00		
		15%	\$143,83	\$143,83			5%	\$35,96	\$35,96		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 53 (FUSELAGE)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, S. REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
P1	WINCH AIRCRAFT MOUNTED HOUSING AND INSERT	BL-20000-00-1 557002	3	\$488.998,52	30%	\$114.099,65	\$114.099,65	\$114.099,65	\$114.099,65	\$114.099,65	50%	\$65.199,80	\$130.399,61
P1	ACTUATOR, WINDSHIELD	C2-06000-8	1	\$22.325,50	30%	\$15.627,85	\$15.627,85	\$15.627,85	\$15.627,85	\$15.627,85	50%	\$8.930,20	\$8.930,20
P1	AIR MULTIPLIER ASSEMBLY	2115790-2-1	7	\$4.632,00	30%	\$1.080,80	\$1.080,80	\$1.080,80	\$1.080,80	\$1.080,80	50%	\$617,60	\$1.235,20
P1	BLEED VALVE AIR	644675-101	1	\$354.693,50	30%	\$25.469,35	\$106.408,05	\$106.408,05	\$25.469,35	\$106.408,05	50%	\$70.268,20	\$81.073,80
P1	CONTROL VALVE	37200-001	2	\$1.440,00	30%	\$1.008,00	\$1.008,00	\$1.008,00	\$1.008,00	\$1.008,00	50%	\$576,00	\$576,00
P1	MOTOR WIPER, WINDSHI	C2-06300-8	3	\$66.684,00	30%	\$23.339,40	\$23.339,40	\$23.339,40	\$23.339,40	\$23.339,40	50%	\$9.071,20	\$18.142,40
P1	SEPARATOR, WATER, AIRCRAFT AIR CON	181800-2-1	2	\$946,57	30%	\$668,04	\$15.874,60	\$15.874,60	\$668,04	\$15.874,60	50%	\$189,31	\$189,31
P1	VALVE GLOBE	A90161-2	2	\$65,73	30%	\$46,01	\$46,01	\$46,01	\$46,01	\$46,01	50%	\$26,29	\$26,29
P1	VALVE NEEDLE	3-1264-4-2	4	\$5.572,00	30%	\$625,10	\$1.250,20	\$1.250,20	\$625,10	\$1.250,20	50%	\$357,20	\$714,40
P1	VALVE BUTTERFLY	41D110	2	\$7.000,00	30%	\$2.450,00	\$2.450,00	\$2.450,00	\$2.450,00	\$2.450,00	50%	\$1.400,00	\$1.400,00
P1	VALVE CALIBRATED FLOW	M52886-4-1	4	\$10.043,20	30%	\$7.030,24	\$7.030,24	\$7.030,24	\$7.030,24	\$7.030,24	50%	\$4.017,28	\$4.017,28
P1	VALVE GLOBE	1-1160-10	5	\$3.609,76	30%	\$631,71	\$631,71	\$631,71	\$631,71	\$631,71	50%	\$360,98	\$360,98
P1	VALVE GLOBE	9-755-2	2	\$10.081,45	30%	\$1.411,40	\$2.822,81	\$2.822,81	\$1.411,40	\$2.822,81	50%	\$806,52	\$2.419,55
P1	VALVE, LINEAR, DIRECTIONAL CONTROL	3053393-1-1	2	\$81.639,33	30%	\$480,33	\$480,33	\$480,33	\$480,33	\$480,33	50%	\$274,47	\$16.327,87
P1	VALVE BALL	3-116845	2	\$5.303,76	30%	\$1.856,32	\$1.856,32	\$1.856,32	\$1.856,32	\$1.856,32	50%	\$1.060,75	\$1.060,75
P1	VALVE BUTTERFLY	38E35-4A	8	\$201.608,00	30%	\$17.640,70	\$52.922,10	\$52.922,10	\$17.640,70	\$52.922,10	50%	\$10.080,40	\$40.321,60
P1	VALVE BUTTERFLY	392200-11-1	4	\$92.304,00	30%	\$16.153,20	\$2.906,40	\$2.906,40	\$16.153,20	\$2.906,40	50%	\$9.230,40	\$18.460,80
P1	VALVE CALIBRATED FLOW	M52886-4-1-2	4	\$4.238,36	30%	\$741,71	\$1.483,43	\$1.483,43	\$741,71	\$1.483,43	50%	\$423,84	\$847,67
P1	VALVE CHECK	3442	5	\$3.499,15	30%	\$489,88	\$979,76	\$979,76	\$489,88	\$979,76	50%	\$279,93	\$859,80
P1	VALVE CHECK	CV282-100-6	4	\$5.296,78	30%	\$926,94	\$1.853,87	\$1.853,87	\$926,94	\$1.853,87	50%	\$529,68	\$1.059,36
P1	DAMPER ASSEMBLY	6809125	1	\$928,41	30%	\$649,89	\$649,89	\$649,89	\$649,89	\$649,89	50%	\$371,37	\$371,37
P1	DAMPER ASSEMBLY	908914-7	3	\$2.651,31	30%	\$5.285,31	\$5.285,31	\$5.285,31	\$5.285,31	\$5.285,31	50%	\$3.020,17	\$6.040,35
P1	SEAT AIRCRAFT	92187-1-1	3	\$19.388,42	30%	\$4.323,96	\$4.323,96	\$4.323,96	\$4.323,96	\$4.323,96	50%	\$2.585,12	\$5.170,24
P1	SEAT AIRCRAFT	4250-5	3	\$103.983,00	30%	\$30.411,85	\$30.411,85	\$30.411,85	\$30.411,85	\$30.411,85	50%	\$17.378,20	\$34.756,40
P1	SEAT AIRCRAFT	4250-5	5	\$148.565,00	30%	\$24.262,70	\$24.262,70	\$24.262,70	\$24.262,70	\$24.262,70	50%	\$13.864,40	\$27.728,80
P1	SEAT AIRCRAFT	4251-1	4	\$17.447,94	30%	\$20.771,10	\$41.542,20	\$41.542,20	\$20.771,10	\$41.542,20	50%	\$11.869,20	\$23.607,60
P1	SEAT AIRCRAFT	4251-3	4	\$73.420,00	30%	\$5.000,89	\$6.001,78	\$6.001,78	\$5.000,89	\$6.001,78	50%	\$3.429,59	\$7.147,94
P1	NOSE RADOME FUSELAGE	971183-103	2	\$158.275,00	30%	\$13.198,50	\$26.397,00	\$26.397,00	\$13.198,50	\$26.397,00	50%	\$7.542,00	\$15.084,00
HT	WINCH AIRCRAFT MOUNTED	BL-20000-00-1	9	\$488.998,52	30%	\$58.035,22	\$114.099,65	\$114.099,65	\$58.035,22	\$114.099,65	50%	\$31.733,27	\$108.666,34

Referência da Ata \$ 1.530.518,66

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 721.638,19	\$ -
Reparo	\$ 610.883,39	\$ -
Pequeno Reparo	\$ 163.589,85	\$ -
NFF	\$ 34.387,23	\$ -
Total	\$ 1.530.518,66	\$ -

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M. DEFESA
C. AERONAUTICA
Proc: 87101
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VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE Ocorrências DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$32.599,90	\$32.599,90			5%	\$8.149,98	\$8.149,98		
		15%	\$4.465,10	\$4.465,10			5%	\$1.116,28	\$1.116,28		
		15%	\$308,80	\$308,80			5%	\$77,20	\$77,20		
		15%	\$10.134,10	\$20.268,20			5%	\$2.533,53	\$2.533,53		
		15%	\$288,00	\$288,00			5%	\$72,00	\$72,00		
		15%	\$6.668,40	\$6.668,40			5%	\$1.667,10	\$1.667,10		
		15%	\$4.535,60	\$4.535,60			5%	\$1.133,90	\$1.133,90		
		15%	\$94,66	\$94,66			5%	\$23,66	\$23,66		
		15%	\$13,15	\$13,15			5%	\$3,29	\$3,29		
		15%	\$178,60	\$178,60			5%	\$44,65	\$44,65		
		15%	\$700,00	\$700,00			5%	\$175,00	\$175,00		
		15%	\$2.008,64	\$2.008,64			5%	\$502,16	\$502,16		
		15%	\$180,49	\$180,49			5%	\$45,12	\$45,12		
		15%	\$403,26	\$403,26			5%	\$100,81	\$100,81		
		15%	\$137,24	\$137,24			5%	\$34,31	\$34,31		
		15%	\$8.163,93	\$8.163,93			5%	\$2.040,98	\$2.040,98		
		15%	\$350,38	\$350,38			5%	\$132,59	\$132,59		
		15%	\$5.040,20	\$10.080,40			5%	\$1.260,05	\$1.260,05		
		15%	\$4.615,20	\$4.615,20			5%	\$1.153,80	\$1.153,80		
		15%	\$211,92	\$211,92			5%	\$52,98	\$52,98		
		15%	\$139,97	\$139,97			5%	\$34,99	\$34,99		
		15%	\$264,84	\$264,84			5%	\$66,21	\$66,21		
		15%	\$185,68	\$185,68			5%	\$46,42	\$46,42		
		15%	\$1.510,09	\$1.510,09			5%	\$377,52	\$377,52		
		15%	\$1.292,56	\$1.292,56			5%	\$323,14	\$323,14		
		15%	\$8.689,10	\$8.689,10			5%	\$2.172,28	\$2.172,28		
		15%	\$6.932,20	\$6.932,20			5%	\$1.733,05	\$1.733,05		
		15%	\$5.934,60	\$5.934,60			5%	\$1.483,65	\$1.483,65		
		15%	\$857,40	\$857,40			5%	\$214,35	\$214,35		
		15%	\$3.771,00	\$3.771,00			5%	\$942,75	\$942,75		
		15%	\$15.827,30	\$15.827,30			5%	\$3.956,83	\$3.956,83		
		15%	\$10.866,63	\$21.733,27			5%	\$2.716,66	\$2.716,66		

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 56 (WINDOW)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
F3	VALVE WINDSHIELD WI	3-1864-1-2	1	\$1.093,54	30%	\$702,48	\$702,48	\$702,48		50%	\$401,42	\$401,42
F3	PUMP ASSEMBLY WATER AND ALCOHOL	9333-3	3	\$15.368,50	30%	\$5.119,34	\$5.119,34	\$5.119,34		50%	\$1.782,48	\$5.564,96

Referência da Ata \$ 9.153,13

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 3.821,82	\$ -
Reparo	\$ 3.966,38	\$ -
Pequeno Reparo	\$ 1.091,95	\$ -
NFF	\$ 272,99	\$ -
Total	\$ 9.153,13	\$ -



VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NTP	VALOR UNITÁRIO DE REFERÊNCIA PARA NTP	REFERÊNCIA TOTAL DE NTP	VALOR UNITÁRIO PROPOSTO PARA NTP	PROPOSTA TOTAL PARA NTP
		15%	\$200,71	\$891,24			5%	\$50,18	\$50,18		
		15%	\$891,24	\$891,24				\$222,81	\$222,81		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 61 (PROPELLI)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, S. REVISÕES GERAIS E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
C2	BLADE PROPELLER AIRCRAFT	80159057	1	\$80.387,93	30%	\$56.271,55	\$56.271,55	\$32.153,17	\$32.153,17	50%	\$28.188,33	\$52.153,17
C2	BLADE PROPELLER AIRCRAFT	80159054	4	\$281.883,32	30%	\$49.729,58	\$98.659,16	\$28.188,33	\$28.188,33	50%	\$39.864,00	\$56.376,66
P3	HOUSING ASSY PUMP	727785-1	1	\$99.660,00	30%	\$69.762,00	\$69.762,00	\$39.864,00	\$39.864,00	50%	\$20.641,87	\$20.641,87
P3	CONTROLLER ASSEMBLY VALVE	710085-1	1	\$51.604,67	30%	\$36.123,27	\$36.123,27	\$20.641,87	\$20.641,87	50%	\$7.636,27	\$15.272,53
P3	SYNCHROPHASER	585300	3	\$57.272,00	30%	\$13.363,47	\$13.363,47	\$4.019,40	\$4.019,40	50%	\$1.709,47	\$4.235,29
T2	RUBININT	8001154	5	\$50.242,55	30%	\$7.033,96	\$14.067,91	\$1.709,47	\$1.709,47	50%	\$1.411,76	\$4.235,29
H2	PROPELLER OVERHAUL	F-476	2	\$8.547,36	30%	\$2.991,58	\$2.991,58	\$1.709,47	\$1.709,47	50%	\$1.411,76	\$4.235,29
U8	GOVERNOR CONSTANT SPEED DRIVE	6310402	6	\$21.176,46	30%	\$2.470,59	\$4.941,17	\$1.411,76	\$1.411,76	50%	\$20.641,87	\$20.641,87
P3	SYNCHROPHASER	585300	3	\$57.272,00	30%	\$13.363,47	\$13.363,47	\$4.019,40	\$4.019,40	50%	\$1.709,47	\$4.235,29
P3	CONTROLLER ASSEMBLY VALVE	710085-1	1	\$51.604,67	30%	\$36.123,27	\$36.123,27	\$20.641,87	\$20.641,87	50%	\$7.636,27	\$15.272,53
P3	HOUSING ASSY PUMP	727785-1	1	\$99.660,00	30%	\$69.762,00	\$69.762,00	\$39.864,00	\$39.864,00	50%	\$20.641,87	\$20.641,87
P3	GOVERNOR CONSTANT SPEED DRIVE	500760710	1	\$26.909,09	30%	\$18.836,36	\$18.836,36	\$10.763,63	\$10.763,63	50%	\$10.763,63	\$10.763,63

Referência da Ata \$ 837.202,98

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 434.265,20	\$ -
Reparo	\$ 268.855,25	\$ -
Pequeno Reparo	\$ 107.266,02	\$ -
NFF	\$ 26.816,51	\$ -
Total	\$ 837.202,98	\$ -



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VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$16.077,59	\$16.077,59			5%	\$4.019,40	\$4.019,40		
		15%	\$14.094,17	\$14.094,17			5%	\$3.523,54	\$3.523,54		
		15%	\$19.932,00	\$19.932,00			5%	\$4.983,00	\$4.983,00		
		15%	\$10.320,93	\$10.320,93			5%	\$2.580,23	\$2.580,23		
		15%	\$3.818,13	\$3.818,13			5%	\$954,53	\$954,53		
		15%	\$2.009,70	\$2.009,70			5%	\$502,43	\$502,43		
		15%	\$854,74	\$854,74			5%	\$213,68	\$213,68		
		15%	\$705,88	\$705,88			5%	\$176,47	\$176,47		
		15%	\$3.818,13	\$3.818,13			5%	\$954,53	\$954,53		
		15%	\$10.320,93	\$10.320,93			5%	\$2.580,23	\$2.580,23		
		15%	\$19.932,00	\$19.932,00			5%	\$4.983,00	\$4.983,00		
		15%	\$5.381,82	\$5.381,82			5%	\$1.345,45	\$1.345,45		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 62 (MAIN ROT)

PROJETO	NOMENCLATURA	PART NUMBER	QTD. ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO
H7	MAIN ROTOR BLADE	70100-09100-043	2	\$359.085,33	30%	\$125.679,87	\$125.679,87	\$125.679,87	\$71.817,07	\$71.817,07	50%	\$71.817,07	\$71.817,07	\$71.817,07
H7	DAMPER ASSY	70100-08100-046	7	\$60.676,00	30%	\$6.067,60	\$18.202,80	\$18.202,80	\$3.467,20	\$3.467,20	50%	\$3.467,20	\$13.868,80	\$13.868,80
H7	SPINDLE HEAD ROTARY WING	70102-06200-068	2	\$80.094,00	30%	\$28.028,20	\$28.028,20	\$28.028,20	\$16.018,80	\$16.018,80	50%	\$16.018,80	\$16.018,80	\$16.018,80
H7	SPINDLE HEAD ROTARY WING	70102-08200-056	3	\$82.564,00	30%	\$19.264,93	\$19.264,93	\$19.264,93	\$11.008,53	\$11.008,53	50%	\$11.008,53	\$22.017,07	\$22.017,07
H7	SPINDLE HEAD ROTARY WING	70102-08200-056	6	\$82.564,00	30%	\$9.652,47	\$19.264,93	\$19.264,93	\$5.504,27	\$5.504,27	50%	\$5.504,27	\$16.512,80	\$16.512,80
H7	SPINDLE HEAD ROTARY WING	70102-08200-056	9	\$80.094,00	30%	\$6.229,53	\$18.688,60	\$18.688,60	\$3.559,73	\$3.559,73	50%	\$3.559,73	\$17.798,67	\$17.798,67
H7	DAMPER ASSY	70100-08100-046	15	\$60.676,00	30%	\$2.831,55	\$14.157,73	\$14.157,73	\$1.618,03	\$1.618,03	50%	\$1.618,03	\$12.944,21	\$12.944,21
H7	MAIN ROTOR BLADE	70100-09100-043	9	\$559.085,33	30%	\$27.928,86	\$83.786,58	\$83.786,58	\$15.959,35	\$15.959,35	50%	\$15.959,35	\$79.796,74	\$79.796,74
H7	WASHER ATTACH	70100-09100-091	5	\$11.000,00	30%	\$1.283,33	\$2.566,67	\$2.566,67	\$753,33	\$753,33	50%	\$753,33	\$2.200,00	\$2.200,00

Referência da Ata \$ 676.784,28

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 329.645,01	\$ -
Reparo	\$ 252.974,15	\$ -
Pequeno Reparo	\$ 77.954,32	\$ -
NFF	\$ 16.210,79	\$ -
Total	\$ 676.784,28	\$ -



PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 62 (MAIN ROTU)

PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
	15%	\$35.908,53	\$35.908,53			5%	\$8.977,13	\$8.977,13		
	15%	\$1.733,60	\$3.467,20			5%	\$433,40	\$433,40		
	15%	\$8.009,40	\$8.009,40			5%	\$2.002,35	\$2.002,35		
	15%	\$5.504,27	\$5.504,27			5%	\$1.376,07	\$1.376,07		
	15%	\$2.752,13	\$2.752,13			5%	\$688,03	\$688,03		
	15%	\$1.779,87	\$3.559,73			5%	\$444,97	\$444,97		
	15%	\$809,01	\$2.427,04			5%	\$202,25	\$202,25		
	15%	\$7.979,67	\$3.999,35			5%	\$1.994,92	\$1.994,92		
	15%	\$366,67	\$366,67			5%	\$91,67	\$91,67		

POSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 63 (MAIN ROTOR C)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO * OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO *	VALOR DE REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E OVERHAUL	REFERÊNCIA DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO *	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO
H7	AMPLIFIER, SYNCHRO SIGNAL	70901-02908-104	3	\$69.232,00	30%	\$16.154,13	\$16.154,13	\$16.154,13	\$9.230,93		50%	\$18.461,87		
H7	TR BLADE	70101-31000-043	6	\$560.270,62	30%	\$65.364,91	\$130.729,81	\$130.729,81	\$37.351,37		50%	\$112.054,12		
H7	TR BLADE	70101-31000-053	15	\$560.270,62	30%	\$26.145,96	\$130.729,81	\$130.729,81	\$14.940,55		50%	\$119.524,40		
H7	AMPLIFIER, SYNCHRO SIGNAL	70901-02908-104	6	\$69.232,00	30%	\$8.077,07	\$16.154,13	\$16.154,13	\$4.615,47		50%	\$13.846,40		

Referência da Ata \$ 613.931,68

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 293.767,89	\$ -
Reparo	\$ 263.886,79	\$ -
Pequeno Reparo	\$ 48.009,71	\$ -
NFF	\$ 8.267,29	\$ -
Total	\$ 613.931,68	\$ -



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POSTA DE PREÇOS PARA SERVIÇOS DESTE PROLETO BÁSICO - ATA 63 (MAIN ROTOR D

PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE Ocorrências DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
	13%	\$4.615,47	\$1.615,47			5%	\$1.153,87	\$1.153,87		
	13%	\$18.675,69	\$18.675,69			5%	\$4.668,92	\$4.668,92		
	13%	\$7.470,27	\$22.412,82			5%	\$1.867,57	\$1.867,57		
	13%	\$2.307,73	\$7.307,73			5%	\$376,93	\$376,93		

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
H7	SERVO ASSY, COLL	70410-02250-043	11	\$150.883,33	30%	\$9.601,67	\$38.406,67	\$9.601,67		50%	\$5.486,67	\$32.920,00
H7	SERVO MAIN	70410-02200-054	5	\$152.393,75	30%	\$21.335,12	\$42.670,25			50%	\$12.191,50	\$36.574,50
H7	COMPUTER, FLIGHT DIRECTOR	70901-01802-001	1	\$65.386,00	30%	\$45.770,20	\$45.770,20			50%	\$26.154,40	\$26.154,40
H7	DISPLAY UNIT, CONTROL	70410-02101-105	1	\$45.612,33	30%	\$24.228,63	\$24.228,63			50%	\$13.844,93	\$13.844,93
H7	SERVO CYLINDER, TR	70410-00230-046	3	\$45.120,67	30%	\$31.584,47	\$31.584,47			50%	\$18.048,27	\$18.048,27
H7	SERVO ASSY, YAW	70410-02100-067	3	\$254.721,80	30%	\$59.435,09	\$59.435,09			50%	\$33.962,91	\$67.925,81
H7	BELOKANK ASSY	70400-01050-045	3	\$6.593,00	30%	\$1.538,37	\$1.538,37			50%	\$879,07	\$1.758,13
H7	SERVO ROLL, TRIM, D/O UH-60, ROTARY W/	70400-02260-120	3	\$57.794,00	30%	\$8.818,60	\$8.818,60			50%	\$5.059,20	\$10.078,40
H7	CONTROL UNIT	997-2177-112	1	\$7.053,34	30%	\$4.923,33	\$4.923,33			50%	\$2.813,33	\$2.813,33
H7	SERVO ASSY, COLL	274600-1045	2	\$50.518,00	30%	\$10.681,30	\$10.681,30			50%	\$6.103,60	\$6.103,60
H7	SERVO ROLL, TRIM, D/O UH-60, ROTARY W/	70400-02260-120	2	\$57.794,00	30%	\$2.939,53	\$2.939,53			50%	\$1.679,73	\$8.398,67
H7	BELOKANK ASSY	70410-02100-067	12	\$6.593,00	30%	\$384,59	\$1.538,37			50%	\$219,77	\$1.318,60
H7	SERVO MAIN	70410-02200-054	15	\$152.393,73	30%	\$7.111,71	\$35.558,54			50%	\$4.063,83	\$32.510,66
H7	SERVO ASSY, YAW	70410-02100-067	9	\$254.721,80	30%	\$19.811,70	\$59.435,09			50%	\$11.320,97	\$56.604,84
H7	SERVO CYLINDER, TR	70410-00230-046	15	\$150.883,33	30%	\$7.041,22	\$35.206,11			50%	\$4.023,56	\$52.188,44
H7	SERVO ASSY, COLL	70410-02250-043	6	\$45.120,67	30%	\$5.264,08	\$10.528,16			50%	\$3.008,04	\$9.024,13
H7	DISPLAY UNIT, CONTROL	70410-02101-105	6	\$34.612,33	30%	\$4.038,11	\$8.076,21			50%	\$2.307,49	\$6.922,47
H7	COMPUTER, FLIGHT DIRECTOR	70901-01802-001	6	\$65.386,00	30%	\$7.628,37	\$15.256,73			50%	\$4.359,07	\$13.077,20
H7	SERVO ASSY, COLL	274600-1045	6	\$50.518,00	30%	\$3.560,43	\$7.120,87			50%	\$2.034,53	\$6.103,60
H7	CONTROL UNIT	997-2177-112	6	\$7.053,34	30%	\$820,56	\$1.641,11			50%	\$468,89	\$1.406,67

Referência da Ata \$ 951.210,39

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 451.236,68	\$ -
Reparo	\$ 383.776,66	\$ -
Pequeno Reparo	\$ 96.445,83	\$ -
NFF	\$ 19.751,22	\$ -
Total	\$ 951.210,39	\$ -

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VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NPF	VALOR UNITÁRIO DE REFERÊNCIA PARA NPF	REFERÊNCIA TOTAL DE NPF	VALOR UNITÁRIO PROPOSTO PARA NPF	PROPOSTA TOTAL PARA NPF
		15%	\$2.743,33	\$5.486,67			5%	\$685,83	\$685,83		
		15%	\$6.095,75	\$6.095,75			5%	\$1.523,94	\$1.523,94		
		15%	\$13.077,20	\$13.077,20			5%	\$3.269,30	\$3.269,30		
		15%	\$6.922,47	\$6.922,47			5%	\$1.730,62	\$1.730,62		
		15%	\$9.024,13	\$9.024,13			5%	\$2.256,03	\$2.256,03		
		15%	\$16.981,45	\$16.981,45			5%	\$4.245,36	\$4.245,36		
		15%	\$439,53	\$439,53			5%	\$109,88	\$109,88		
		15%	\$2.519,60	\$2.519,60			5%	\$629,90	\$629,90		
		15%	\$1.406,67	\$1.406,67			5%	\$351,67	\$351,67		
		15%	\$3.051,80	\$3.051,80			5%	\$762,95	\$762,95		
		15%	\$839,87	\$1.679,73			5%	\$209,97	\$209,97		
		15%	\$109,88	\$219,77			5%	\$27,47	\$27,47		
		15%	\$2.051,92	\$6.095,75			5%	\$507,98	\$507,98		
		15%	\$5.660,48	\$11.320,97			5%	\$1.415,12	\$1.415,12		
		15%	\$2.011,78	\$6.035,33			5%	\$502,94	\$502,94		
		15%	\$1.504,02	\$1.504,02			5%	\$376,01	\$376,01		
		15%	\$1.153,74	\$1.153,74			5%	\$288,44	\$288,44		
		15%	\$2.179,55	\$2.179,55			5%	\$544,88	\$544,88		
		15%	\$1.017,27	\$1.017,27			5%	\$254,32	\$254,32		
		15%	\$234,44	\$234,44			5%	\$58,61	\$58,61		

POSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 71 (POWER PLANT).

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÃO S, REVISÕES GERAIS E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO
P5	COOLER/LUBRICATING OIL ENGINE FILTER	8529915	1	\$8.594,00	30%	\$6.015,80	\$6.015,80	\$3.437,60	\$3.437,60	50%	\$3.437,60	\$3.437,60	
P5	CRANKSHAFT ASSY	7582624	1	\$2.228,00	30%	\$1.559,60	\$1.559,60	\$891,20	\$891,20	50%	\$891,20	\$891,20	
P3	FILTER	76799	8	\$40.018,72	30%	\$3.501,64	\$10.504,91	\$2.000,94	\$8.003,74	50%	\$891,20	\$891,20	
P5	COOLER/LUBRICATING OIL ENGINE	8529915	1	\$8.594,00	30%	\$6.015,80	\$6.015,80	\$3.437,60	\$3.437,60	50%	\$3.437,60	\$3.437,60	
P5	ACTUATING VALVE	3025102901	1	\$19.644,48	30%	\$13.751,13	\$13.751,13	\$7.857,79	\$7.857,79	50%	\$7.857,79	\$7.857,79	
P5	ASSEMBLY/ACTUATING/LINEAR	3025102904	26	\$531.987,69	30%	\$14.322,75	\$14.322,75	\$8.184,43	\$106.397,54	50%	\$1.479,43	\$1.479,43	
P5	VALVE/BUTTERFLY	90290-1	6	\$22.191,45	30%	\$2.589,00	\$5.178,01			50%			

Referência da Ata \$ 326.434,55

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 159.166,82	\$ -
Reparo	\$ 135.354,96	\$ -
Pequeno Reparo	\$ 277.367,20	\$ -
NFF	\$ 4.545,58	\$ -
Total	\$ 326.434,55	\$ -



PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETOS BÁSICO - ATA 71 IPOWER PL

PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE NTF	VALOR UNITÁRIO DE REFERÊNCIA PARA NTF	REFERÊNCIA TOTAL DE NTF	VALOR UNITÁRIO PROPOSTO PARA NTF	PROPOSTA TOTAL PARA NTF
	15%	\$1.718,80	\$1.718,80			5%	\$429,70	\$429,70		
	15%	\$445,60	\$445,62			5%	\$111,40	\$111,40		
	15%	\$1.000,47	\$2.000,94			5%	\$250,12	\$250,12		
	15%	\$445,60	\$445,62			5%	\$111,40	\$111,40		
	15%	\$1.718,80	\$1.718,80			5%	\$429,70	\$429,70		
	15%	\$3.928,90	\$3.928,90			5%	\$982,22	\$982,22		
	15%	\$4.092,21	\$16.568,85			5%	\$1.035,05	\$2.046,11		
	15%	\$739,72	\$739,72			5%	\$184,93	\$184,93		

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
H7	DIGITAL CONTROL ELECTRONIC	50667832905	1	\$26.377,00	30%	\$18.463,90	\$18.463,90	\$18.463,90	\$18.463,90	50%	\$10.550,80	\$10.550,80
H7	DIGITAL CONTROL ELECTRONIC	408279932	1	\$26.377,00	30%	\$18.463,90	\$18.463,90	\$18.463,90	\$18.463,90	50%	\$10.550,80	\$10.550,80
P3	ENGINE GAS TURBINE/NONAIRCRAFT	3802381-16	3	\$316.500,00	30%	\$73.850,00	\$73.850,00	\$73.850,00	\$73.850,00	50%	\$42.200,00	\$42.200,00
P3	ENGINE GAS TURBINE/NONAIRCRAFT	3802381-16	3	\$316.500,00	30%	\$73.850,00	\$73.850,00	\$73.850,00	\$73.850,00	50%	\$42.200,00	\$42.200,00
P3	CONTROL ASSEMBLY SP	6871122	1	\$11.786,50	30%	\$8.250,55	\$8.250,55	\$8.250,55	\$8.250,55	50%	\$4.714,60	\$4.714,60
P3	CONTROL ASSEMBLY VALVE PROPELLER	710985-3	1	\$49.497,50	30%	\$34.648,25	\$34.648,25	\$34.648,25	\$34.648,25	50%	\$19.799,00	\$19.799,00
P3	FAN VANE/AXIAL	644859-1	2	\$14.496,70	30%	\$5.073,85	\$5.073,85	\$5.073,85	\$5.073,85	50%	\$2.899,34	\$2.899,34
P3	FAN CENTRIFUGAL	517005-1	1	\$2.728,57	30%	\$1.910,00	\$1.910,00	\$1.910,00	\$1.910,00	50%	\$1.091,43	\$1.091,43
P3	AFTERBODY ASSEMBLY	73875-1	1	\$14.323,84	30%	\$10.026,69	\$10.026,69	\$10.026,69	\$10.026,69	50%	\$5.729,54	\$5.729,54
P3	AFTERBODY ASSEMBLY PROP	73879-1	1	\$9.072,84	30%	\$6.350,99	\$6.350,99	\$6.350,99	\$6.350,99	50%	\$3.629,14	\$3.629,14
P3	AFTERBODY PROPELLER	738336-1	3	\$99.156,00	30%	\$23.136,40	\$23.136,40	\$23.136,40	\$23.136,40	50%	\$13.220,80	\$13.220,80
P3	BLADE ASSEMBLY	A7121B-2	2	\$78.604,69	30%	\$27.511,64	\$27.511,64	\$27.511,64	\$27.511,64	50%	\$15.720,94	\$15.720,94
P3	CONTROL ASSEMBLY	6809586	3	\$97.437,00	30%	\$22.735,30	\$22.735,30	\$22.735,30	\$22.735,30	50%	\$12.991,60	\$12.991,60
P3	CONTROL ASSEMBLY	7854872	1	\$11.786,50	30%	\$8.250,55	\$8.250,55	\$8.250,55	\$8.250,55	50%	\$4.714,60	\$4.714,60
P3	CONTROL PROPELLE	597946	4	\$1.197.154,28	30%	\$209.502,00	\$419.004,00	\$419.004,00	\$419.004,00	50%	\$119.715,43	\$239.430,86
P3	HOME ASSY	6840995	1	\$1.691,25	30%	\$1.183,88	\$1.183,88	\$1.183,88	\$1.183,88	50%	\$676,50	\$676,50
P3	HOME ASSY PROPELLER	737199-1	2	\$15.674,91	30%	\$5.486,22	\$5.486,22	\$5.486,22	\$5.486,22	50%	\$3.134,98	\$3.134,98
P3	PITCHLOCK REGULATOR	58379	1	\$10.228,00	30%	\$7.159,60	\$7.159,60	\$7.159,60	\$7.159,60	50%	\$4.091,20	\$4.091,20
P3	PROPELLER	54H60-77	6	\$2.754.621,00	30%	\$321.372,45	\$642.744,90	\$642.744,90	\$642.744,90	50%	\$183.641,40	\$550.924,20
P3	SLEEVE ROTATING ASSEMBLY	583679	1	\$16.288,00	30%	\$11.401,60	\$11.401,60	\$11.401,60	\$11.401,60	50%	\$6.515,20	\$6.515,20
P3	SPINNER PROPELLER	55334	1	\$30.126,00	30%	\$14.088,20	\$14.088,20	\$14.088,20	\$14.088,20	50%	\$8.050,40	\$8.050,40
P3	GEARBOX	00558-507	3	\$99.653,42	30%	\$23.252,46	\$23.252,46	\$23.252,46	\$23.252,46	50%	\$13.287,12	\$26.574,24
H7	HEAT EXCHANGER AIR TO AIR AIRCRA	181880-1-1	3	\$108.830,70	30%	\$25.393,83	\$25.393,83	\$25.393,83	\$25.393,83	50%	\$14.510,76	\$29.021,52
H7	ENGINE TURBOPROP	407123201	6	\$4.068.402,00	30%	\$474.646,90	\$949.293,80	\$949.293,80	\$949.293,80	50%	\$271.236,80	\$813.680,40
H7	DIGITAL CONTROL ELECTRONIC	408279932	6	\$26.377,00	30%	\$5.077,32	\$6.154,63	\$6.154,63	\$6.154,63	50%	\$3.516,93	\$7.033,87
H7	DIGITAL CONTROL ELECTRONIC	408279932	6	\$26.377,00	30%	\$5.077,32	\$6.154,63	\$6.154,63	\$6.154,63	50%	\$3.516,93	\$7.033,87
H7	VALVE OVERSPEED	304531502	3	\$10.290,00	30%	\$2.401,00	\$2.401,00	\$2.401,00	\$2.401,00	50%	\$1.372,00	\$2.744,00
H7	VALVE OVERSPEED	304531502	3	\$10.290,00	30%	\$2.401,00	\$2.401,00	\$2.401,00	\$2.401,00	50%	\$1.372,00	\$2.744,00
P3	INNER LEAF	402117004	2	\$528,66	30%	\$185,03	\$185,03	\$185,03	\$185,03	50%	\$105,73	\$105,73
P3	NOZZLE LEAF INNER E	402101091	1	\$3.861,60	30%	\$901,04	\$901,04	\$901,04	\$901,04	50%	\$514,88	\$1.029,76
P3	NOZZLE LEAF OUTER EXHAUST	402100601	2	\$1.504,20	30%	\$526,47	\$526,47	\$526,47	\$526,47	50%	\$300,84	\$300,84

Referência da Ata	\$	4.989.394,77
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Valor da Proposta	\$	
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Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 2.461.820,05	\$ -
Reparo	\$ 2.008.567,08	\$ -
Pequeno Reparo	\$ 415.206,11	\$ -
NFF	\$ 103.801,53	\$ -
Total	\$ 4.989.394,77	\$ -



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 Proc: 67101

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VALOR UNITARIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRENCIAS DE PEQUENO REPARO	VALOR UNITARIO DE REFERENCIA PARA PEQUENO REPARO	REFERENCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITARIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITARIO DE REFERENCIA PARA NFF	REFERENCIA TOTAL DE NFF	VALOR UNITARIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$5.275,40	\$5.275,40			5%	\$1.318,85	\$1.318,85		
		15%	\$5.275,40	\$5.275,40			5%	\$1.318,85	\$1.318,85		
		15%	\$21.100,00	\$21.100,00			5%	\$5.275,00	\$5.275,00		
		15%	\$21.100,00	\$21.100,00			5%	\$5.275,00	\$5.275,00		
		15%	\$2.357,30	\$2.357,30			5%	\$589,33	\$589,33		
		15%	\$9.899,50	\$9.899,50			5%	\$2.474,88	\$2.474,88		
		15%	\$1.449,57	\$1.449,57			5%	\$362,42	\$362,42		
		15%	\$545,71	\$545,71			5%	\$136,43	\$136,43		
		15%	\$2.864,77	\$2.864,77			5%	\$716,19	\$716,19		
		15%	\$1.814,57	\$1.814,57			5%	\$453,64	\$453,64		
		15%	\$6.610,40	\$6.610,40			5%	\$1.652,60	\$1.652,60		
		15%	\$7.860,47	\$7.860,47			5%	\$1.965,12	\$1.965,12		
		15%	\$6.495,80	\$6.495,80			5%	\$1.623,95	\$1.623,95		
		15%	\$2.357,30	\$2.357,30			5%	\$589,33	\$589,33		
		15%	\$59.857,71	\$59.857,71			5%	\$14.964,43	\$14.964,43		
		15%	\$338,25	\$338,25			5%	\$84,56	\$84,56		
		15%	\$1.567,49	\$1.567,49			5%	\$391,87	\$391,87		
		15%	\$2.045,50	\$2.045,50			5%	\$511,40	\$511,40		
		15%	\$91.820,70	\$91.820,70			5%	\$22.955,18	\$22.955,18		
		15%	\$3.257,50	\$3.257,50			5%	\$814,40	\$814,40		
		15%	\$4.025,20	\$4.025,20			5%	\$1.006,30	\$1.006,30		
		15%	\$3.304,50	\$3.304,50			5%	\$826,13	\$826,13		
		15%	\$6.643,56	\$6.643,56			5%	\$1.660,89	\$1.660,89		
		15%	\$7.255,38	\$7.255,38			5%	\$1.813,85	\$1.813,85		
		15%	\$135.615,40	\$135.615,40			5%	\$33.903,35	\$33.903,35		
		15%	\$879,23	\$879,23			5%	\$219,81	\$219,81		
		15%	\$1.758,47	\$1.758,47			5%	\$439,62	\$439,62		
		15%	\$686,00	\$686,00			5%	\$171,50	\$171,50		
		15%	\$686,00	\$686,00			5%	\$171,50	\$171,50		
		15%	\$52,87	\$52,87			5%	\$13,22	\$13,22		
		15%	\$257,44	\$257,44			5%	\$64,36	\$64,36		
		15%	\$150,42	\$150,42			5%	\$37,61	\$37,61		

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, REVISÕES GERAIS E FABRICAÇÃO e OVERHAUL	VALOR PROPOSTO PARA REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
P5	FLOAT VALVE	60M2-1	26	\$191.934,25	30%	\$5.167,46	\$41.339,69			50%	\$2.932,83	\$52.386,83
P5	PUMP SUBMERGED AIRCRAFT	R43780A	15	\$128.332,60	30%	\$5.988,85	\$29.944,27			50%	\$3.422,20	\$27.377,62
A7	SIGNAL CONDITIONER	PC-620-0659	2	\$2.035,72	30%	\$709,00	\$709,00			50%	\$405,14	\$405,14
T1	FLOW DIVIDER	25536	4	\$11.214,00	30%	\$1.962,45	\$3.924,90			50%	\$1.211,40	\$2.242,80
T1	FCU	3344780-1A	1	\$14.430,33	30%	\$10.101,23	\$10.101,23			50%	\$5.772,13	\$5.772,13
T1	FUEL CONTROL MAIN TURBINE ENGINE	3244809-4	10	\$318.470,00	30%	\$22.292,90	\$66.878,70			50%	\$12.738,80	\$63.694,00
T1	FUEL CONTROL MAIN TURBINE ENGINE	3244809-4	4	\$127.388,00	30%	\$22.292,90	\$44.585,80			50%	\$12.738,80	\$25.477,60
T2	FUEL METERING UNIT	3054806-03	6	\$1.245.596,82	30%	\$145.319,63	\$290.639,26			50%	\$85.039,79	\$249.119,36
T2	ENGINE PMU	3066011-01	1	\$34.364,01	30%	\$24.054,81	\$24.054,81			50%	\$13.745,60	\$13.745,60
T2	ALTERNATOR ASSEMBLY PERMANENT MAGNET	107586-01	1	\$36.328,89	30%	\$25.430,22	\$25.430,22			50%	\$14.531,56	\$14.531,56
T2	DCU-DATA COLLECTION UNIT	705435-02	20	\$641.025,60	30%	\$124.615,38	\$124.615,38			50%	\$12.820,51	\$128.205,12
T2	DCU-DATA COLLECTION UNIT	705435-02	10	\$277.063,10	30%	\$19.394,42	\$58.183,25			50%	\$11.082,52	\$55.412,62
T2	ALTERNATOR ASSEMBLY PERMANENT MAGNET	3071980-02	1	\$59.712,15	30%	\$41.798,51	\$41.798,51			50%	\$23.884,86	\$23.884,86
U8	FUEL CONTROL MAIN TURBINE ENGINE	3144806-7	2	\$43.780,00	30%	\$15.525,00	\$17.333,00			50%	\$8.756,00	\$8.756,00
U8	FUEL FLOW TRANSDUCER	TFE290-13	1	\$1.998,00	30%	\$1.398,60	\$1.398,60			50%	\$799,20	\$799,20
P3	PUMP SUBMERGED AIRCRAFT	R43780A	45	\$128.332,60	30%	\$1.996,28	\$27.947,99			50%	\$1.140,73	\$26.236,89
P3	FLOAT VALVE	60M2-1	106	\$191.934,25	30%	\$1.267,49	\$40.559,69			50%	\$724,28	\$38.386,83
P3	PUMP ROTARY	699791-903	3	\$32.740,40	30%	\$7.639,43	\$7.639,43			50%	\$4.365,39	\$8.730,77
P3	PUMP ROTARY	R416400A2	3	\$32.740,40	30%	\$7.639,43	\$7.639,43			50%	\$4.365,39	\$8.730,77
P3	PUMP SUBMERGED AIRCRAFT	1437914-801	14	\$129.518,70	30%	\$6.044,21	\$30.221,03			50%	\$3.453,83	\$27.630,66
M7	FUEL FUEL ASSEMBLY CONTROL	AD-965-9732	6	\$13.410,02	30%	\$1.797,84	\$3.595,67			50%	\$1.027,33	\$3.082,00
P3	FUEL CONTROL AB	6006718G12B	12	\$424.246,20	30%	\$24.747,70	\$98.990,78			50%	\$14.141,54	\$84.849,24
P3	FUEL CONTROL MAIN TURBINE ENGINE	6011766G19A	3	\$28.891,45	30%	\$10.112,01	\$10.112,01			50%	\$5.778,29	\$5.778,29
P3	FUEL CONTROL MAIN TURBINE ENGINE	6011766G19A	23	\$1.031.886,24	30%	\$32.832,74	\$229.829,21			50%	\$18.761,57	\$206.377,25
P3	PUMP FUEL JET ENGINE	501572P12	15	\$296.468,93	30%	\$13.832,22	\$69.176,08			50%	\$7.905,84	\$63.246,70
P3	PUMP ELECTROCATALING	5017757094	10	\$143.082,40	30%	\$10.015,77	\$30.047,30			50%	\$5.723,30	\$28.616,48
P3	VALVE FUEL SHUTOFF	AV1411121B	3	\$68.486,35	30%	\$9.588,09	\$19.176,18			50%	\$5.478,91	\$16.436,72

Totais		
Tipo	Referência	Proposta
Overhaul	\$ 1.363.861,41	\$ -
Reparo	\$ 1.175.913,10	\$ -
Pequeno Reparo	\$ 231.210,25	\$ -
NFF	\$ 38.536,88	\$ -
Total	\$ 2.809.521,64	\$ -

Referência da Ata	\$	2.809.521,64
Valor da Proposta	\$	-

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

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VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE Ocorrências de PROQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PROQUENO REPARO	REFERÊNCIA DO TOTAL DE PROQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PROQUENO REPARO	PROPOSTA TOTAL PARA PROQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$1.476,42	\$3.905,67			5%	\$369,10	\$738,21		
		15%	\$1.711,10	\$3.133,30			5%	\$417,78	\$427,78		
		15%	\$202,57	\$202,57			5%	\$50,64	\$50,64		
		15%	\$560,70	\$560,70			5%	\$140,18	\$140,18		
		15%	\$2.886,07	\$2.886,07			5%	\$721,52	\$721,52		
		15%	\$6.369,40	\$6.369,40			5%	\$1.592,35	\$1.592,35		
		15%	\$6.369,40	\$6.369,40			5%	\$1.592,35	\$1.592,35		
		15%	\$41.519,89	\$41.519,89			5%	\$10.379,97	\$10.379,97		
		15%	\$6.872,80	\$6.872,80			5%	\$1.718,20	\$1.718,20		
		15%	\$7.265,78	\$7.265,78			5%	\$1.816,44	\$1.816,44		
		15%	\$6.410,26	\$19.230,77			5%	\$1.602,56	\$1.602,56		
		15%	\$5.541,26	\$1.082,52			5%	\$1.385,32	\$1.385,32		
		15%	\$11.942,43	\$11.942,43			5%	\$2.985,61	\$2.985,61		
		15%	\$4.378,00	\$4.378,00			5%	\$1.094,50	\$1.094,50		
		15%	\$399,60	\$399,60			5%	\$99,90	\$99,90		
		15%	\$270,57	\$3.992,57			5%	\$141,59	\$427,78		
		15%	\$362,14	\$3.794,24			5%	\$90,54	\$431,21		
		15%	\$2.182,69	\$2.182,69			5%	\$545,67	\$545,67		
		15%	\$2.182,69	\$2.182,69			5%	\$545,67	\$545,67		
		15%	\$1.726,92	\$3.180,75			5%	\$431,73	\$431,73		
		15%	\$113,67	\$113,67			5%	\$128,62	\$128,62		
		15%	\$7.070,77	\$14.141,54			5%	\$1.767,69	\$1.767,69		
		15%	\$2.889,15	\$2.889,15			5%	\$721,29	\$721,29		
		15%	\$9.380,78	\$17.523,14			5%	\$2.345,20	\$4.690,39		
		15%	\$3.953,92	\$11.858,76			5%	\$988,23	\$988,23		
		15%	\$2.861,65	\$5.723,30			5%	\$715,41	\$715,41		
		15%	\$2.739,45	\$2.739,45			5%	\$684,86	\$684,86		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 74 (IGNITION)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÃO, REVISÃO GERAL E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
T2	IGNITION EXCUTER	3043917001	12	\$79.039,08	30%	\$4.610,61	\$18.442,45			50%	\$2.634,64	\$15.807,82
T5	CYLINDER	5099150004	1	\$20.893,75	30%	\$14.625,62	\$14.625,62			50%	\$8.357,50	\$8.357,50

Referência da Ata \$ 65.420,79

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 33.068,07	\$ -
Reparo	\$ 24.165,31	\$ -
Pequeno Reparo	\$ 6.813,39	\$ -
NFF	\$ 1.374,02	\$ -
Total	\$ 65.420,79	\$ -



PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 74 (IGNIT)

VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NPF	VALOR UNITÁRIO DE REFERÊNCIA PARA NPF	REFERÊNCIA TOTAL DE NPF	VALOR UNITÁRIO PROPOSTO PARA NPF	PROPOSTA TOTAL PARA NPF
		15%	\$1.317,32	\$2.634,64			4%	\$329,33	\$329,33		
		15%	\$4.178,75	\$4.178,75			5%	\$1.044,69	\$1.044,69		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 75 (AIR)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO DE PROPOSTA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
P1	VALVE HOT AIR	41D230	2	\$99.328,00	30%	\$34.764,80	\$34.764,80	\$19.865,60	\$19.865,60	50%	\$19.865,60	\$19.865,60
P3	VALVE DUCKFLOW AIR	1022363	1	\$70.460,67	30%	\$49.322,47	\$49.322,47	\$28.184,27	\$28.184,27	50%	\$28.184,27	\$28.184,27
P3	VALVE DUCKFLOW AIR	102236-3	1	\$70.460,67	30%	\$49.322,47	\$49.322,47	\$28.184,27	\$28.184,27	50%	\$28.184,27	\$28.184,27
P3	VALVE HOT AIR	41D230	2	\$99.328,00	30%	\$34.764,80	\$34.764,80	\$19.865,60	\$19.865,60	50%	\$19.865,60	\$19.865,60
HT	VALVE BLEED TUBING	0066176007	3	\$28.121,00	30%	\$6.561,57	\$6.561,57	\$3.749,47	\$3.749,47	50%	\$3.749,47	\$7.498,93
HT	VALVE ASSEMBLY ANTICLINGING HOT ENGINE	29667140002	6	\$54.444,00	30%	\$4.018,47	\$8.036,93	\$2.296,27	\$2.296,27	50%	\$2.296,27	\$6.888,80

Referência da Ata	\$	357.101,42
Valor da Proposta	\$	-

Nota: o valor da proposta deve ser menor ou igual ao valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 182.773,03	\$ -
Reparo	\$ 110.487,47	\$ -
Pequeno Reparo	\$ 51.072,73	\$ -
Nff	\$ 12.768,18	\$ -
Total	\$ 357.101,42	\$ -



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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 75 (AIR)

VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFE	VALOR UNITÁRIO DE REFERÊNCIA PARA NFE	REFERÊNCIA TOTAL DE NFE	VALOR UNITÁRIO PROPOSTO PARA NFE	PROPOSTA TOTAL PARA NFE
		15%	\$9.932,80	\$9.932,80			5%	\$2.483,20	\$2.483,20		
		15%	\$14.092,13	\$14.092,13			5%	\$3.523,05	\$3.523,05		
		15%	\$14.092,13	\$14.092,13			5%	\$3.523,05	\$3.523,05		
		15%	\$9.932,80	\$9.932,80			5%	\$2.483,20	\$2.483,20		
		15%	\$1.874,75	\$1.874,75			5%	\$468,68	\$468,68		
		15%	\$1.148,13	\$1.148,13			5%	\$287,03	\$287,03		





LISTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 76 (ENGINE CONTR

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO
PS	ACCESSORY DRIVE GEARBOX	44-51106-1	15	\$439.525,15	30%	\$20.511,17	\$102.555,87			50%	\$11.720,67	\$93.765,37	
UN	PROCESSADOR	EMU-A810P-2	1	\$14.119,22	30%	\$9.885,45	\$9.885,45			50%	\$5.647,69	\$5.647,69	

Referência da Ata	\$	234.428,27
Valor da Proposta	\$	-

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 112.439,32	\$ -
Reparo	\$ 99.413,05	\$ -
Pequeno Reparo	\$ 20.404,85	\$ -
NFF	\$ 2.171,04	\$ -
Total	\$ 234.428,27	\$ -

MINISTÉRIO DA DEFESA
 COMANDO EM CHEFE
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 Proc: 67101
 Rub: 00981/18.82
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PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA DO TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NTF	VALOR UNITÁRIO DE REFERÊNCIA PARA NTF	REFERÊNCIA TOTAL DE NTF	VALOR UNITÁRIO PROPOSTO PARA NTF	PROPOSTA TOTAL PARA NTF
	1,9%	\$5.860,34	\$17.581,01			5%	\$1.465,08	\$1.465,08		
	1,9%	\$2.823,84	\$2.823,84				\$705,96	\$705,96		






LISTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 77 (ENGINE INDICATI)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, S, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PARA REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
P2	INDICATOR QUANTITY TOTAL FUEL	303065401858	1	\$12.475.67	30%	\$8.732.97	\$8.732.97	\$8.732.97	\$8.732.97	50%	\$4.990.27	\$4.990.27
P3	INDICATOR FUEL QUANTITY	303067407870	1	\$7.226.91	30%	\$5.058.83	\$5.058.83	\$5.058.83	\$5.058.83	50%	\$2.890.76	\$2.890.76
P1	INDICATOR FUEL QUANTITY	303067407869	3	\$24.608.20	30%	\$5.741.91	\$5.741.91	\$5.741.91	\$5.741.91	50%	\$3.162.19	\$3.162.19
U8	INDICATOR PROPELLER RPM	26660141-2	1	\$6.395.31	30%	\$4.476.72	\$4.476.72	\$4.476.72	\$4.476.72	50%	\$2.558.12	\$2.558.12
U8	INDICATOR PROPELLER RPM	26660141-1RX	1	\$1.590.00	30%	\$1.113.00	\$1.113.00	\$1.113.00	\$1.113.00	50%	\$636.00	\$636.00
A7	GENERATOR TACHOMETER	32018GA/CP7	30	\$49.450.50	30%	\$1.133.85	\$10.384.61	\$10.384.61	\$10.384.61	50%	\$659.34	\$9.890.10
T1	DATA ACQUISITION UNIT	EMU1-A-010A	9	\$141.922.98	30%	\$1.038.45	\$33.115.36	\$33.115.36	\$33.115.36	50%	\$6.307.69	\$31.558.44
T1	INDICATOR	PA707AV/4BU/0799	30	\$118.975.23	30%	\$2.709.42	\$21.564.80	\$21.564.80	\$21.564.80	50%	\$1.559.67	\$23.395.05
T2	TORQUE PROBE	3117929401	2	\$42.440.00	30%	\$14.854.00	\$14.854.00	\$14.854.00	\$14.854.00	50%	\$8.488.00	\$8.488.00
T9	DUAL GAGE PULL LEVEL	2DA4VLL	20	\$8.386.90	30%	\$223.34	\$1.311.25	\$1.311.25	\$1.311.25	50%	\$127.74	\$1.277.38
T9	TACHOMETER	ACT14VTL1	40	\$8.609.60	30%	\$150.67	\$1.808.02	\$1.808.02	\$1.808.02	50%	\$86.10	\$1.721.92
T9	TACHOMETER MECHANICAL FINE MOUNTING	D1-112-5023	8	\$2.643.44	30%	\$231.30	\$693.90	\$693.90	\$693.90	50%	\$328.69	\$528.69
T9	MANOMETER	D110060BBL	1	\$168.23	30%	\$117.76	\$117.76	\$117.76	\$117.76	50%	\$67.29	\$67.29
T9	INDICATOR	D110060BBL	30	\$57.704.70	30%	\$1.346.44	\$12.117.99	\$12.117.99	\$12.117.99	50%	\$769.40	\$11.540.94
U8	ENGINE THERMISTOR SPEC	011-00831-00	10	\$3.472.00	30%	\$245.04	\$729.12	\$729.12	\$729.12	50%	\$158.88	\$694.40
U8	TRANSMITTER RATE DOWN	9910338-5	20	\$16.116.00	30%	\$564.06	\$3.843.56	\$3.843.56	\$3.843.56	50%	\$223.20	\$3.223.20
U8	SIGNAL DOWN	9910338-7	3	\$21.123.00	30%	\$4.928.70	\$4.928.70	\$4.928.70	\$4.928.70	50%	\$2.816.40	\$5.632.80
U8	INDICATOR FUEL FLOW	9910338-8	2	\$14.172.64	30%	\$4.960.42	\$4.960.42	\$4.960.42	\$4.960.42	50%	\$2.834.53	\$2.834.53
U8	ADAS-DP PROCESSOR	DAAS-A-010A1	4	\$30.310.32	30%	\$5.304.31	\$10.608.61	\$10.608.61	\$10.608.61	50%	\$3.031.03	\$6.062.06
U8	INDICATOR RPM	RC4A1A-03	2	\$3.370.00	30%	\$1.179.50	\$1.179.50	\$1.179.50	\$1.179.50	50%	\$674.00	\$674.00
U8	TACHOMETER ELECTRONIC	RC4A1A-09	1	\$1.163.65	30%	\$814.56	\$814.56	\$814.56	\$814.56	50%	\$465.46	\$465.46
P3	INDICATOR FUEL QUANTITY	303067407869	3	\$24.608.20	30%	\$5.741.91	\$5.741.91	\$5.741.91	\$5.741.91	50%	\$3.162.19	\$3.162.19
P3	INDICATOR FUEL QUANTITY	303067407870	1	\$7.226.91	30%	\$5.058.83	\$5.058.83	\$5.058.83	\$5.058.83	50%	\$2.890.76	\$2.890.76
P3	INDICATOR QUANTITY TOTAL FUEL	303065401858	1	\$12.475.67	30%	\$8.732.97	\$8.732.97	\$8.732.97	\$8.732.97	50%	\$4.990.27	\$4.990.27
P3	INDICATOR DISPLAY UNIT (CPU)	3165-31	5	\$269.670.00	30%	\$31.461.50	\$62.923.00	\$62.923.00	\$62.923.00	50%	\$17.978.00	\$53.934.00
P3	INDICATOR SUBASSEMBLY ELECTRICAL	2CM11BAA5	1	\$3.072.97	30%	\$2.151.08	\$2.151.08	\$2.151.08	\$2.151.08	50%	\$1.229.19	\$1.229.19

Referência da Ata	\$	486.681,46
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Valor da Proposta	\$	-
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Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 235.334,18	\$ -
Reparo	\$ 195.278,01	\$ -
Pequeno Reparo	\$ 46.534,26	\$ -
NFF	\$ 9.535,01	\$ -
Total	\$ 486.681,46	\$ -



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VALOR UNITARIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCBRENCIAS DE PRODUO REPARO	VALOR UNITARIO DE REFERENCIA PARA PEQUENO REPARO	REFERENCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITARIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITARIO DE REFERENCIA PARA NFF	REFERENCIA TOTAL DE NFF	VALOR UNITARIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$2.495,13	\$2.495,13			5%	\$623,78	\$623,78		
		15%	\$1.445,38	\$1.445,38			5%	\$361,35	\$361,35		
		15%	\$1.640,55	\$1.640,55			5%	\$410,14	\$410,14		
		15%	\$1.279,06	\$1.279,06			5%	\$319,77	\$319,77		
		15%	\$318,00	\$318,00			5%	\$79,50	\$79,50		
		15%	\$329,67	\$1.648,35			5%	\$82,42	\$1.648,84		
		15%	\$3.153,84	\$6.307,69			5%	\$788,46	\$788,46		
		15%	\$779,84	\$3.899,18			5%	\$194,96	\$389,92		
		15%	\$4.244,00	\$4.244,00			5%	\$1.061,00	\$1.061,00		
		15%	\$65,87	\$191,61			5%	\$15,97	\$15,97		
		15%	\$384,70	\$1.923,49			5%	\$96,17	\$192,35		
		15%	\$59,44	\$138,88			5%	\$17,36	\$17,36		
		15%	\$161,16	\$483,48			5%	\$40,29	\$40,29		
		15%	\$1.408,20	\$1.408,20			5%	\$352,05	\$352,05		
		15%	\$1.417,26	\$1.417,26			5%	\$354,32	\$354,32		
		15%	\$1.515,52	\$1.515,52			5%	\$378,88	\$378,88		
		15%	\$337,00	\$337,00			5%	\$84,25	\$84,25		
		15%	\$232,73	\$232,73			5%	\$58,18	\$58,18		
		15%	\$1.640,55	\$1.640,55			5%	\$410,14	\$410,14		
		15%	\$1.445,38	\$1.445,38			5%	\$361,35	\$361,35		
		15%	\$2.495,13	\$2.495,13			5%	\$623,78	\$623,78		
		15%	\$8.989,00	\$8.989,00			5%	\$2.247,25	\$2.247,25		
		15%	\$614,59	\$614,59			5%	\$153,65	\$153,65		

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 79 (OIL)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO E OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
UN	INDICADOR PERCENTUAL	366611-2	1	\$2.581,17	30%	\$1.806,82	\$1.806,82			50%	\$1.052,47	\$1.052,47
PS	COEFICIENTE DE AJUSTE POR RISCO	136806-1	6	\$64.299,04	30%	\$7.501,55	\$15.003,11			50%	\$4.286,60	\$12.859,81
PS	COEFICIENTE DE AJUSTE POR RISCO	370401041197	6	\$65.524,78	30%	\$7.411,22	\$14.822,45			50%	\$4.234,99	\$12.704,96

Referência da Ata \$ 64.200,89

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 31.632,37	\$ -
Reparo	\$ 26.597,23	\$ -
Pequeno Reparo	\$ 4.777,03	\$ -
NFF	\$ 1.194,26	\$ -
Total	\$ 64.200,89	\$ -

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 FL: 119
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 Rub: 00198/18-82
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VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE Ocorrências DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		1,5%	\$416,23	\$416,23			5%	\$129,06	\$129,06		
		1,5%	\$2.143,30	\$2.143,30			5%	\$535,83	\$535,83		
		1,5%	\$2.117,49	\$2.117,49			5%	\$529,37	\$529,37		

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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 80 (STARTING)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO OVERHAUL	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS
P3	GENERATOR ALTERNATING CURRENT	9762868-3	7	\$469.954,64	30%	\$46.995,46	\$140.986,59	\$140.986,59	\$140.986,59	50%	\$26.854,55	\$107.418,20
H7	STARTER ENGINE	70651403104-01	1	\$16.948,00	30%	\$11.863,60	\$11.863,60	\$11.863,60	\$11.863,60	50%	\$6.779,20	\$6.779,20
H7	GENERATOR ALTERNATING CURRENT	7059020702-104	1	\$11.006,33	30%	\$7.704,43	\$7.704,43	\$7.704,43	\$7.704,43	50%	\$4.402,53	\$4.402,53
H7	STARTER ENGINE GAS TURBINE	5905300-6-1	13	\$189.090,14	30%	\$10.181,78	\$40.737,11	\$40.737,11	\$40.737,11	50%	\$5.818,16	\$40.737,11
H7	STARTER ENGINE GAS TURBINE	5905300-6-1	9	\$128.675,00	30%	\$10.007,90	\$30.023,70	\$30.023,70	\$30.023,70	50%	\$5.718,80	\$28.594,00
H7	GENERATOR ALTERNATING AL	288302-34-1M	1	\$28.865,11	30%	\$16.704,18	\$16.704,18	\$16.704,18	\$16.704,18	50%	\$9.545,24	\$9.545,24
H7	GENERATOR ALTERNATING CURRENT	288302-35-C	1	\$10.498,67	30%	\$7.349,07	\$7.349,07	\$7.349,07	\$7.349,07	50%	\$4.199,47	\$4.199,47
P3	TRANSMITTER OIL PRESSURE	ST104E	1	\$1.864,17	30%	\$1.304,92	\$1.304,92	\$1.304,92	\$1.304,92	50%	\$745,67	\$745,67
P3	VALVE BUTTERFLY	38E45-4B	1	\$30.525,00	30%	\$21.367,50	\$21.367,50	\$21.367,50	\$21.367,50	50%	\$12.210,00	\$12.210,00
P3	STARTER GENERATOR	30E794-12B	2	\$74.075,00	30%	\$25.926,25	\$25.926,25	\$25.926,25	\$25.926,25	50%	\$14.415,00	\$14.415,00
U8	STARTER GENERATOR	30E794-12B	1	\$37.037,50	30%	\$25.926,25	\$25.926,25	\$25.926,25	\$25.926,25	50%	\$14.415,00	\$14.415,00
A7	LIGHT DIMMER POWER SUPPLY	14020102-2099	1	\$2.787,00	30%	\$1.950,90	\$1.950,90	\$1.950,90	\$1.950,90	50%	\$1.114,80	\$1.114,80
U8	STARTER GENERATOR	30E794-12B	2	\$41.887,00	30%	\$29.320,90	\$29.320,90	\$29.320,90	\$29.320,90	50%	\$16.660,45	\$16.660,45
U8	STARTER GENERATOR ENGINE AIRCRAFT	2608E-139Q-1	2	\$63.360,00	30%	\$44.172,00	\$44.172,00	\$44.172,00	\$44.172,00	50%	\$24.096,00	\$24.096,00
U8	STARTER GENERATOR	30E794-12B	3	\$28.982,57	30%	\$20.287,80	\$20.287,80	\$20.287,80	\$20.287,80	50%	\$11.142,90	\$11.142,90
U8	ALTERNATOR	9210590-2	6	\$5.454,83	30%	\$3.818,38	\$3.818,38	\$3.818,38	\$3.818,38	50%	\$2.291,03	\$2.291,03
U8	ALTERNATOR	AS01200A-2	7	\$1.583,00	30%	\$1.114,10	\$1.114,10	\$1.114,10	\$1.114,10	50%	\$663,66	\$663,66
U8	GENERATOR ENGINE ACCESSORY	6611985-0102	1	\$2.567,50	30%	\$1.797,25	\$1.797,25	\$1.797,25	\$1.797,25	50%	\$958,35	\$958,35
P3	STARTER ENGINE AIR TURBINE	36E79-12B	2	\$74.075,00	30%	\$51.852,50	\$51.852,50	\$51.852,50	\$51.852,50	50%	\$27.926,25	\$27.926,25
P3	VALVE BUTTERFLY	38E45-4B	1	\$30.525,00	30%	\$21.367,50	\$21.367,50	\$21.367,50	\$21.367,50	50%	\$12.210,00	\$12.210,00
P3	TRANSMITTER OIL PRESSURE	ST104E	1	\$1.864,17	30%	\$1.304,92	\$1.304,92	\$1.304,92	\$1.304,92	50%	\$745,67	\$745,67
P3	STARTER	48365-1-3	1	\$4.845,00	30%	\$3.391,50	\$3.391,50	\$3.391,50	\$3.391,50	50%	\$1.938,00	\$1.938,00
P3	STARTER ENGINE AIR TURBINE	38E45-1-2	1	\$47.524,00	30%	\$33.266,80	\$33.266,80	\$33.266,80	\$33.266,80	50%	\$19.009,60	\$19.009,60
P3	VIBRATOR IGNITION COIL	68356-88	2	\$57.460,31	30%	\$40.222,22	\$40.222,22	\$40.222,22	\$40.222,22	50%	\$22.111,11	\$22.111,11
P3	VIBRATOR IGNITION COIL	48350	5	\$24.398,08	30%	\$17.284,06	\$17.284,06	\$17.284,06	\$17.284,06	50%	\$9.562,03	\$9.562,03
P3	VIBRATOR IGNITION COIL	683507	5	\$42.185,00	30%	\$29.527,50	\$29.527,50	\$29.527,50	\$29.527,50	50%	\$15.763,75	\$15.763,75
P3	VIBRATOR IGNITION COIL	10-11160-6	1	\$19.153,44	30%	\$13.407,41	\$13.407,41	\$13.407,41	\$13.407,41	50%	\$7.661,37	\$7.661,37
P3	GENERATOR ALTERNATING CURRENT	9762868-3	50	\$469.954,64	30%	\$140.986,59	\$140.986,59	\$140.986,59	\$140.986,59	50%	\$74.547,50	\$74.547,50
H7	STARTER ENGINE GAS TURBINE	5905300-6-1	18	\$128.675,00	30%	\$90.615,00	\$90.615,00	\$90.615,00	\$90.615,00	50%	\$50.718,80	\$50.718,80
H7	STARTER ENGINE GAS TURBINE	5905300-6-1	15	\$189.090,14	30%	\$132.663,10	\$132.663,10	\$132.663,10	\$132.663,10	50%	\$80.420,27	\$80.420,27
H7	GENERATOR ALTERNATING AL	288302-34-1M	3	\$28.865,11	30%	\$20.205,58	\$20.205,58	\$20.205,58	\$20.205,58	50%	\$11.175,00	\$11.175,00
H7	GENERATOR ALTERNATING CURRENT	288302-35-C	3	\$11.006,55	30%	\$7.704,59	\$7.704,59	\$7.704,59	\$7.704,59	50%	\$4.199,47	\$4.199,47
H7	STARTER ENGINE	70651403104-01	3	\$50.844,00	30%	\$35.590,80	\$35.590,80	\$35.590,80	\$35.590,80	50%	\$21.117,40	\$21.117,40
H7	GENERATOR ALTERNATING CURRENT	288302-35-C	5	\$10.498,67	30%	\$7.349,07	\$7.349,07	\$7.349,07	\$7.349,07	50%	\$4.199,47	\$4.199,47

Referência da Ata \$ 1.408.074,07

Valor da Proposta \$ -

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 692.515,11	\$ -
Reparo	\$ 537.684,04	\$ -
Pequeno Reparo	\$ 149.608,32	\$ -
NFF	\$ 28.266,61	\$ -
Total	\$ 1.408.074,07	\$ -



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 Proc: 67101

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VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
		15%	\$13.427,28	\$26.854,55			5%	\$3.546,82	\$1.556,82		
		15%	\$3.389,60	\$3.389,60			5%	\$847,40	\$847,40		
		15%	\$2.201,27	\$2.201,27			5%	\$500,32	\$500,32		
		15%	\$2.898,08	\$2.898,08			5%	\$727,27	\$727,27		
		15%	\$5.718,80	\$5.718,80			5%	\$714,85	\$714,85		
		15%	\$4.772,62	\$4.772,62			4%	\$1.195,16	\$1.195,16		
		15%	\$2.099,73	\$2.099,73			4%	\$524,93	\$524,93		
		15%	\$372,83	\$372,83			4%	\$93,21	\$93,21		
		15%	\$6.105,00	\$6.105,00			5%	\$1.526,25	\$1.526,25		
		15%	\$7.407,50	\$7.407,50			5%	\$1.851,88	\$1.851,88		
		15%	\$6.107,77	\$6.107,77			5%	\$1.526,94	\$1.526,94		
		15%	\$857,40	\$857,40			5%	\$193,35	\$193,35		
		15%	\$4.188,70	\$4.188,70			5%	\$1.047,18	\$1.047,18		
		15%	\$6.356,00	\$6.356,00			5%	\$1.584,00	\$1.584,00		
		15%	\$1.520,84	\$1.520,84			5%	\$482,71	\$482,71		
		15%	\$181,83	\$181,83			5%	\$45,46	\$45,46		
		15%	\$45,33	\$90,46			5%	\$11,31	\$11,31		
		15%	\$513,46	\$513,46			5%	\$128,37	\$128,37		
		15%	\$7.407,50	\$7.407,50			5%	\$1.851,88	\$1.851,88		
		15%	\$6.105,00	\$6.105,00			5%	\$1.526,25	\$1.526,25		
		15%	\$372,83	\$372,83			5%	\$93,21	\$93,21		
		15%	\$969,00	\$969,00			5%	\$242,25	\$242,25		
		15%	\$9.504,80	\$9.504,80			5%	\$2.376,20	\$2.376,20		
		15%	\$3.830,69	\$3.830,69			4%	\$957,67	\$957,67		
		15%	\$975,92	\$975,92			4%	\$243,98	\$243,98		
		15%	\$1.687,40	\$1.687,40			4%	\$421,85	\$421,85		
		15%	\$3.830,69	\$3.830,69			4%	\$957,67	\$957,67		
		15%	\$1.044,34	\$1.044,34			4%	\$261,09	\$261,09		
		15%	\$1.429,70	\$1.429,70			4%	\$357,43	\$357,43		
		15%	\$2.521,20	\$2.521,20			4%	\$630,30	\$630,30		
		15%	\$1.590,87	\$1.590,87			4%	\$397,72	\$397,72		
		15%	\$753,76	\$753,76			4%	\$183,44	\$183,44		
		15%	\$1.129,87	\$1.129,87			5%	\$282,47	\$282,47		
		15%	\$349,96	\$349,96			5%	\$87,49	\$87,49		

ROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - ATA 81 (TURBINES)

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE Ocorrências de REFORMA, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÃO S, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE Ocorrências de REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO
P1	COMPRESSOR CENTRIFUGAL	206790-1-1	3	\$103.720,50	30%	\$24.201,45	\$24.201,45	\$24.201,45	\$27.658,80	50%	\$13.829,40	\$27.658,80	
P2	COMPRESSOR ROTARY	206400-3-1B	5	\$151.500,00	30%	\$21.210,00	\$42.420,00	\$21.210,00	\$36.360,00	50%	\$12.120,00	\$36.360,00	
P3	COMPRESSOR CENTRIFUGAL	206400-3-1	5	\$398.025,00	30%	\$55.723,50	\$111.447,00	\$55.723,50	\$95.526,00	50%	\$31.842,00	\$95.526,00	
P4	COMPRESSOR CENTRIFUGAL	206790-1-1	3	\$103.720,50	30%	\$24.201,45	\$24.201,45	\$24.201,45	\$27.658,80	50%	\$13.829,40	\$27.658,80	
P5	COMPRESSOR ROTARY	206400-3-1B	5	\$598.025,00	30%	\$55.723,50	\$111.447,00	\$55.723,50	\$95.526,00	50%	\$31.842,00	\$95.526,00	
P6	AP/TURBINA	604110200	5	\$151.500,00	30%	\$21.210,00	\$42.420,00	\$21.210,00	\$36.360,00	50%	\$12.120,00	\$36.360,00	
P7	AP/TURBINA	604110200	5	\$500.500,00	30%	\$10.010,00	\$10.110,00	\$10.010,00	\$102.960,00	50%	\$5.720,00	\$102.960,00	
P8	AP/TURBINA	604110200	6	\$85.800,00	30%	\$10.010,00	\$20.020,00	\$10.010,00	\$17.160,00	50%	\$5.720,00	\$17.160,00	
P9	AP/TURBINA	604110200	7	\$42.900,00	30%	\$10.010,00	\$10.010,00	\$10.010,00	\$11.440,00	50%	\$5.720,00	\$11.440,00	
P10	AP/TURBINA	604110200	1	\$13.660,00	30%	\$9.562,00	\$9.562,00	\$9.562,00	\$5.464,00	50%	\$5.464,00	\$5.464,00	

Referência da Ata \$ 1.063.346,75

Valor da Proposta \$ -





Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Ata

Tipo	Totais	
	Referência	Proposta
Overhaul	\$ 505.838,90	\$ -
Reparo	\$ 456.113,60	\$ -
Pequeno Reparo	\$ 83.403,40	\$ -
NFF	\$ 17.990,85	\$ -
Total	\$ 1.063.346,75	\$ -

M DEFESA C AERONÁUTICA
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 Proc: 67101
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 CELOG

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETOS BÁSICO - ATA 81 (TURBINE

PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
	15%	\$6.914,70	\$6.914,70			5%	\$1.728,68	\$1.728,68		
	15%	\$6.060,00	\$6.060,00			5%	\$1.515,00	\$1.515,00		
	15%	\$15.921,00	\$15.921,00			5%	\$3.980,25	\$3.980,25		
	15%	\$6.914,70	\$6.914,70			5%	\$1.728,68	\$1.728,68		
	15%	\$15.921,00	\$15.921,00			5%	\$3.980,25	\$3.980,25		
	15%	\$6.060,00	\$6.060,00			5%	\$1.515,00	\$1.515,00		
	15%	\$2.860,00	\$2.860,00			5%	\$715,00	\$1.430,00		
	15%	\$2.860,00	\$2.860,00			5%	\$715,00	\$715,00		
	15%	\$2.860,00	\$2.860,00			5%	\$715,00	\$715,00		
	15%	\$2.732,00	\$2.732,00			5%	\$683,00	\$683,00		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - NÃO IDENTIFICADOS

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO NA MÉDIA DAS PESSOAS DE REFERÊNCIA GERAL E FABRICAÇÃO DE OVERHAUL (AQUISIÇÃO)	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REFORMAS, REVISÃO GERAL E FABRICAÇÃO DE OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, REVISÃO GERAL E FABRICAÇÃO DE OVERHAUL	REFERÊNCIA DO TOTAL DE MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO DE OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, REVISÃO GERAL E FABRICAÇÃO DE OVERHAUL	PERCENTUAL DE ESTIMADO DE OCORRÊNCIAS DE REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS
A7	BELT AIRCRAFT SAFETY	1101024.8	1	\$576.18	30%	\$403.33	\$403.33	\$230.47	50%	\$230.47	\$230.47	\$230.47	\$230.47
C2	TEST SET, AIR DATA	6200	10	\$101,503.55	30%	\$7,105.21	\$71,052.10	\$4,060.12	50%	\$4,060.12	\$4,060.12	\$4,060.12	\$4,060.12
G5	111811-01	3-4370-01	1	\$4,131.25	30%	\$2,891.88	\$2,891.88	\$1,652.50	50%	\$1,652.50	\$1,652.50	\$1,652.50	\$1,652.50
F5	DAMPENER FILTER	1-4370-01	4	\$84,714.06	30%	\$14,824.96	\$59,649.92	\$8,471.41	50%	\$8,471.41	\$16,942.81	\$16,942.81	\$16,942.81
HT	CONTROLER AIRCRAFT	EP-1106.3	1	\$9,927.67	30%	\$6,949.37	\$6,949.37	\$3,971.07	50%	\$3,971.07	\$3,971.07	\$3,971.07	\$3,971.07
HT	CONTROLER DECK	70902-01707-04H	4	\$76,480.00	30%	\$11,384.00	\$29,768.00	\$6,448.00	50%	\$6,448.00	\$12,896.00	\$12,896.00	\$12,896.00
HT	TRANSICOR DE MOTORIAL	70004-01011-10H	3	\$15,105.50	30%	\$10,573.85	\$31,715.55	\$5,442.20	50%	\$5,442.20	\$10,884.40	\$10,884.40	\$10,884.40
HT	ACHT AUTORELECTORRESISTENCIA HANICHA 3 DUPAR	70009-06011-11F	10	\$186,450.00	30%	\$18,645.00	\$186,450.00	\$7,458.00	50%	\$7,458.00	\$14,916.00	\$14,916.00	\$14,916.00
HT	PAK VANGARIAL	70120-02001-10F	1	\$18,715.33	30%	\$13,100.73	\$13,100.73	\$7,486.13	50%	\$7,486.13	\$7,486.13	\$7,486.13	\$7,486.13
HT	VALVE REGULATED	7113003-11	1	\$8,698.33	30%	\$6,088.83	\$6,088.83	\$3,479.33	50%	\$3,479.33	\$3,479.33	\$3,479.33	\$3,479.33
HT	CONTROLER COMPRES	7120001-11	2	\$7,025.13	30%	\$4,917.59	\$9,835.18	\$5,510.07	50%	\$5,510.07	\$5,510.07	\$5,510.07	\$5,510.07
HT	CONTROLER UNIT AIR	7122001-11	1	\$15,707.41	30%	\$11,000.19	\$11,000.19	\$6,100.00	50%	\$6,100.00	\$6,100.00	\$6,100.00	\$6,100.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$13,811.00	30%	\$9,667.70	\$9,667.70	\$5,400.00	50%	\$5,400.00	\$5,400.00	\$5,400.00	\$5,400.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$164,880.33	30%	\$28,800.00	\$136,080.33	\$16,488.00	50%	\$16,488.00	\$16,488.00	\$16,488.00	\$16,488.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$11,608.00	30%	\$8,121.60	\$8,121.60	\$4,500.00	50%	\$4,500.00	\$4,500.00	\$4,500.00	\$4,500.00
HT	CONTROLER UNIT AIR	7122001-11	2	\$10,103.32	30%	\$7,072.32	\$14,144.64	\$7,736.64	50%	\$7,736.64	\$15,473.28	\$15,473.28	\$15,473.28
HT	CONTROLER UNIT AIR	7122001-11	1	\$10,103.32	30%	\$7,072.32	\$7,072.32	\$3,888.00	50%	\$3,888.00	\$3,888.00	\$3,888.00	\$3,888.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$13,471.00	30%	\$9,429.70	\$9,429.70	\$5,188.50	50%	\$5,188.50	\$5,188.50	\$5,188.50	\$5,188.50
HT	CONTROLER UNIT AIR	7122001-11	1	\$753,504.00	30%	\$216,051.20	\$537,452.80	\$272,136.26	50%	\$272,136.26	\$272,136.26	\$272,136.26	\$272,136.26
HT	CONTROLER UNIT AIR	7122001-11	1	\$442,235.38	30%	\$309,564.77	\$309,564.77	\$171,494.00	50%	\$171,494.00	\$171,494.00	\$171,494.00	\$171,494.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$112,000.00	30%	\$78,400.00	\$78,400.00	\$43,000.00	50%	\$43,000.00	\$43,000.00	\$43,000.00	\$43,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$920,000.00	30%	\$276,000.00	\$644,000.00	\$322,000.00	50%	\$322,000.00	\$322,000.00	\$322,000.00	\$322,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$213,520.10	30%	\$149,464.07	\$149,464.07	\$78,000.00	50%	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$7,032.00	30%	\$4,922.40	\$4,922.40	\$2,600.00	50%	\$2,600.00	\$2,600.00	\$2,600.00	\$2,600.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$159,664.10	30%	\$111,764.87	\$111,764.87	\$60,000.00	50%	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$12,413.60	30%	\$8,689.52	\$8,689.52	\$4,600.00	50%	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$164,880.33	30%	\$115,416.23	\$115,416.23	\$62,000.00	50%	\$62,000.00	\$62,000.00	\$62,000.00	\$62,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$13,811.00	30%	\$9,667.70	\$9,667.70	\$5,200.00	50%	\$5,200.00	\$5,200.00	\$5,200.00	\$5,200.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$7,605.33	30%	\$5,323.73	\$5,323.73	\$2,800.00	50%	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$18,715.33	30%	\$13,100.73	\$13,100.73	\$7,100.00	50%	\$7,100.00	\$7,100.00	\$7,100.00	\$7,100.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$17,000.00	30%	\$11,900.00	\$11,900.00	\$6,500.00	50%	\$6,500.00	\$6,500.00	\$6,500.00	\$6,500.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$213,520.10	30%	\$149,464.07	\$149,464.07	\$78,000.00	50%	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$1,032.00	30%	\$722.40	\$722.40	\$380.00	50%	\$380.00	\$380.00	\$380.00	\$380.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$159,664.10	30%	\$111,764.87	\$111,764.87	\$60,000.00	50%	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$12,413.60	30%	\$8,689.52	\$8,689.52	\$4,600.00	50%	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$164,880.33	30%	\$115,416.23	\$115,416.23	\$62,000.00	50%	\$62,000.00	\$62,000.00	\$62,000.00	\$62,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$13,811.00	30%	\$9,667.70	\$9,667.70	\$5,200.00	50%	\$5,200.00	\$5,200.00	\$5,200.00	\$5,200.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$7,605.33	30%	\$5,323.73	\$5,323.73	\$2,800.00	50%	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$18,715.33	30%	\$13,100.73	\$13,100.73	\$7,100.00	50%	\$7,100.00	\$7,100.00	\$7,100.00	\$7,100.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$17,000.00	30%	\$11,900.00	\$11,900.00	\$6,500.00	50%	\$6,500.00	\$6,500.00	\$6,500.00	\$6,500.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$213,520.10	30%	\$149,464.07	\$149,464.07	\$78,000.00	50%	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$1,032.00	30%	\$722.40	\$722.40	\$380.00	50%	\$380.00	\$380.00	\$380.00	\$380.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$159,664.10	30%	\$111,764.87	\$111,764.87	\$60,000.00	50%	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$12,413.60	30%	\$8,689.52	\$8,689.52	\$4,600.00	50%	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$164,880.33	30%	\$115,416.23	\$115,416.23	\$62,000.00	50%	\$62,000.00	\$62,000.00	\$62,000.00	\$62,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$13,811.00	30%	\$9,667.70	\$9,667.70	\$5,200.00	50%	\$5,200.00	\$5,200.00	\$5,200.00	\$5,200.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$7,605.33	30%	\$5,323.73	\$5,323.73	\$2,800.00	50%	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$18,715.33	30%	\$13,100.73	\$13,100.73	\$7,100.00	50%	\$7,100.00	\$7,100.00	\$7,100.00	\$7,100.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$17,000.00	30%	\$11,900.00	\$11,900.00	\$6,500.00	50%	\$6,500.00	\$6,500.00	\$6,500.00	\$6,500.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$213,520.10	30%	\$149,464.07	\$149,464.07	\$78,000.00	50%	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$1,032.00	30%	\$722.40	\$722.40	\$380.00	50%	\$380.00	\$380.00	\$380.00	\$380.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$159,664.10	30%	\$111,764.87	\$111,764.87	\$60,000.00	50%	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$12,413.60	30%	\$8,689.52	\$8,689.52	\$4,600.00	50%	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$164,880.33	30%	\$115,416.23	\$115,416.23	\$62,000.00	50%	\$62,000.00	\$62,000.00	\$62,000.00	\$62,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$13,811.00	30%	\$9,667.70	\$9,667.70	\$5,200.00	50%	\$5,200.00	\$5,200.00	\$5,200.00	\$5,200.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$7,605.33	30%	\$5,323.73	\$5,323.73	\$2,800.00	50%	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$18,715.33	30%	\$13,100.73	\$13,100.73	\$7,100.00	50%	\$7,100.00	\$7,100.00	\$7,100.00	\$7,100.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$17,000.00	30%	\$11,900.00	\$11,900.00	\$6,500.00	50%	\$6,500.00	\$6,500.00	\$6,500.00	\$6,500.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$213,520.10	30%	\$149,464.07	\$149,464.07	\$78,000.00	50%	\$78,000.00	\$78,000.00	\$78,000.00	\$78,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$1,032.00	30%	\$722.40	\$722.40	\$380.00	50%	\$380.00	\$380.00	\$380.00	\$380.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$159,664.10	30%	\$111,764.87	\$111,764.87	\$60,000.00	50%	\$60,000.00	\$60,000.00	\$60,000.00	\$60,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$12,413.60	30%	\$8,689.52	\$8,689.52	\$4,600.00	50%	\$4,600.00	\$4,600.00	\$4,600.00	\$4,600.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$164,880.33	30%	\$115,416.23	\$115,416.23	\$62,000.00	50%	\$62,000.00	\$62,000.00	\$62,000.00	\$62,000.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$13,811.00	30%	\$9,667.70	\$9,667.70	\$5,200.00	50%	\$5,200.00	\$5,200.00	\$5,200.00	\$5,200.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$7,605.33	30%	\$5,323.73	\$5,323.73	\$2,800.00	50%	\$2,800.00	\$2,800.00	\$2,800.00	\$2,800.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$18,715.33	30%	\$13,100.73	\$13,100.73	\$7,100.00	50%	\$7,100.00	\$7,100.00	\$7,100.00	\$7,100.00
HT	CONTROLER UNIT AIR	7122001-11	1	\$17,000.00	30%	\$11,900.00	\$11,900.00	\$6,500.00	50%	\$6,500.00	\$6,500.00	\$6,500.	

PERCENTUAL ESTIMADO DE OCURENCIAS PARA PROYECTO DE REPARO	VALOR UNITARIO DE REPERENCIA PARA PROYECTO DE REPARO	REFERENCIA DO TOTAL DE PROYECTOS REPAROS	VALOR UNITARIO PROPOSTO PARA PROYECTO DE REPARO	PROPUESTA TOTAL PARA PROYECTOS REPAROS	PERCENTUAL ESTIMADO DE NPF	VALOR UNITARIO DE REPERENCIA PARA NPF	REFERENCIA TOTAL DE NPF	VALOR UNITARIO PROPOSTO PARA NPF	PROPUESTA TOTAL PARA NPF
15%	\$115.34	\$172.34			5%	\$36.81	\$23.81		
15%	\$210.68	\$306.12			5%	\$307.52	\$307.52		
15%	\$506.57	\$837.72			5%	\$376.86	\$376.86		
15%	\$2315.70	\$4215.70			5%	\$1026.93	\$1026.93		
15%	\$1983.53	\$1983.53			5%	\$366.00	\$366.00		
15%	\$3824.00	\$1824.00			5%	\$715.52	\$715.52		
15%	\$1021.10	\$7458.00			5%	\$932.35	\$932.35		
15%	\$3729.00	\$7458.00			5%	\$934.77	\$934.77		
15%	\$3743.07	\$1743.07			5%	\$414.92	\$414.92		
15%	\$1719.67	\$1715.67			5%	\$192.18	\$192.18		
15%	\$709.53	\$709.53			5%	\$594.12	\$594.12		
15%	\$2380.49	\$2380.49			5%	\$603.55	\$603.55		
15%	\$2774.20	\$2774.20			5%	\$3594.12	\$3594.12		
15%	\$8229.47	\$8229.47			5%	\$2057.17	\$2057.17		
15%	\$3400.00	\$3400.00			5%	\$850.00	\$850.00		
15%	\$1151.84	\$5407.69			5%	\$788.46	\$788.46		
15%	\$3101.03	\$3101.03			5%	\$757.76	\$757.76		
15%	\$694.40	\$694.40			5%	\$174.60	\$174.60		
15%	\$9434.80	\$28631.40			5%	\$2384.92	\$2384.92		
15%	\$11608.13	\$22196.26			5%	\$171.60	\$171.60		
15%	\$4017.40	\$4017.40			5%	\$2767.03	\$2767.03		
15%	\$5600.00	\$5600.00			5%	\$1009.15	\$1009.15		
15%	\$46000.00	\$46000.00			5%	\$1400.00	\$1400.00		
15%	\$3581.79	\$3581.79			5%	\$11500.00	\$11500.00		
15%	\$2669.00	\$8007.00			5%	\$895.45	\$895.45		
15%	\$175.80	\$351.60			5%	\$667.25	\$667.25		
15%	\$1992.80	\$5987.40			5%	\$43.95	\$43.95		
15%	\$310.34	\$630.34			5%	\$498.95	\$498.95		
15%	\$5486.31	\$5486.31			5%	\$77.59	\$77.59		
15%	\$924.75	\$924.75			5%	\$1371.58	\$1371.58		
15%	\$513.02	\$513.02			5%	\$231.18	\$231.18		
15%	\$623.84	\$623.84			5%	\$128.26	\$128.26		
15%	\$1133.33	\$1133.33			5%	\$155.96	\$155.96		
15%	\$1193.40	\$3085.99			5%	\$383.33	\$383.33		
15%	\$3107.50	\$6215.00			5%	\$98.32	\$98.32		
15%	\$501.52	\$501.52			5%	\$176.88	\$176.88		
15%	\$2549.53	\$2549.53			5%	\$125.88	\$125.88		
15%	\$793.50	\$1587.00			5%	\$857.13	\$857.13		
15%	\$310.92	\$310.92			5%	\$196.57	\$196.57		
15%	\$1120.20	\$1120.20			5%	\$32.73	\$32.73		
15%	\$1320.20	\$831.71			5%	\$79.40	\$79.40		
15%	\$4302.40	\$4302.40			5%	\$310.05	\$310.05		
15%	\$757.60	\$757.60			5%	\$1894.20	\$1894.20		
15%	\$4323.60	\$4323.60			5%	\$1305.45	\$1305.45		
15%	\$8306.47	\$8306.47			5%	\$1026.62	\$1026.62		
15%	\$902.00	\$902.00			5%	\$225.50	\$225.50		
15%	\$197.77	\$197.77			5%	\$99.44	\$99.44		
15%	\$1327.73	\$1327.73			5%	\$81.93	\$81.93		
15%	\$404.15	\$404.15			5%	\$101.04	\$101.04		
15%	\$678.05	\$678.05			5%	\$169.51	\$169.51		
15%	\$2823.27	\$2823.27			5%	\$705.57	\$705.57		
15%	\$1724.21	\$1724.21			5%	\$431.18	\$431.18		
15%	\$393.70	\$393.70			5%	\$71.43	\$71.43		
15%	\$900.73	\$900.73			5%	\$223.18	\$223.18		
15%	\$1416.38	\$1416.38			5%	\$354.10	\$354.10		

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - OUTROS

PROJETO	NOMENCLATURA	PART NUMBER	QTD ESTIMADA	VALOR TOTAL DE AQUISIÇÃO DOS ITENS (BASEADO NA MÉDIA DAS PESQUISAS DE MERCADO E HISTÓRICO DE AQUISIÇÃO)	PERCENTUAL ESTIMADO DE Ocorrências de REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	VALOR UNITÁRIO DE REFERÊNCIA PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	REFERÊNCIA DO TOTAL DE REFORMAS, MODIFICAÇÕES, REVISÕES GERAIS E FABRICAÇÃO, E OVERHAUL	VALOR UNITÁRIO PROPOSTO PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PROPOSTA TOTAL PARA REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL	PERCENTUAL ESTIMADO DE Ocorrências de REFORMA, MODIFICAÇÃO, REVISÃO GERAL E FABRICAÇÃO e OVERHAUL
P3	VALVE SOLENOID	1374-59697	4	\$38.556,72	30%	\$6.747,43	\$13.494,85			50%
P3	VALVE/ITERELY	BYLBS0495-1	1	\$15.562,00	30%	\$10.753,40	\$10.753,40			50%
P3	SELECTOR AND SELECT	888390-3	2	\$46.334,00	30%	\$16.216,90	\$16.216,90			50%
P3	THERMOSTAT ASSEMBLY	107792-120-4	1	\$2.713,40	30%	\$1.899,38	\$1.899,38			50%
P3	THERMOSTAT ASSEMBLY	107792-120-4	1	\$38.556,72	30%	\$6.747,43	\$1.899,38			50%
P3	VALVE SOLENOID	1374-59697	4	\$46.334,00	30%	\$16.216,90	\$16.216,90			50%
P3	SELECTOR AND SELECT	888390-3	2	\$15.562,00	30%	\$10.753,40	\$10.753,40			50%
P3	VALVE/ITERELY	BYLBS0495-1	1	\$24.341,50	30%	\$17.039,05	\$17.039,05			50%
P3	GEARSHAFT MULTIPLE GEARS	713864-1	1	\$14.778,23	30%	\$2.068,95	\$4.137,90			50%
P3	JACK BOX	178D090-3	5	\$16.521,60	30%	\$2.313,02	\$4.626,05			50%
P3	VOLTIMETER	115-192	5	\$7.905,53	30%	\$5.533,87	\$5.533,87			50%
P3	ADAPTER TEST ENGINE DIFFUSER BLEED PRESSURE	ID5-5000	1	\$838,67	30%	\$587,07	\$587,07			50%
P3	DYNAMOMETER (TENSIONMETER DUAL INDICATING)	1G-100	1	\$525,08	30%	\$367,55	\$367,55			50%
P3	DYNAMOMETER (TESTER SPRING RESILIENT)	M85352/1	1	\$786,95	30%	\$550,87	\$550,87			50%
P3	FUEL GAUGE ASSEMBLY	1104-1A	1	\$1.842,83	30%	\$1.289,98	\$1.289,98			50%
P3	HYDROSTATIC FUEL GAGE	01104-6	1	\$1.927,53	30%	\$1.349,27	\$1.349,27			50%
P3	IFR400 NAV-COM	4000-1P-1/S	1	\$27.391,68	30%	\$19.174,18	\$19.174,18			50%
P3	IGNITER CIRCUIT TEST	101-3E1-NA-V	1	\$4.015,50	30%	\$2.810,85	\$2.810,85			50%
P3	MANÔMETRO (CARRINHO DE NITROGENIO)	HC-2239	1	\$158,61	30%	\$111,03	\$111,03			50%
P3	MANÔMETRO (CARRINHO DE NITROGENIO)	HC-2279	1	\$175,00	30%	\$122,50	\$122,50			50%
P3	MANÔMETRO (CARRINHO DE OXIGENIO)	HC-2289	1	\$210,87	30%	\$147,61	\$147,61			50%
P3	MEDIDOR DE VIBRAÇÃO	6798134	1	\$11.913,57	30%	\$8.339,50	\$8.339,50			50%
P3	MEGOhmmeter	M0159	1	\$1.070,05	30%	\$749,04	\$749,04			50%
P3	MICROMETER OPTICAL DEPTH	8490K	1	\$2.665,93	30%	\$1.866,15	\$1.866,15			50%
P3	MULTIMETRO	1587	1	\$492,98	30%	\$345,09	\$345,09			50%
P3	MULTIMETRO	77BN	1	\$90,00	30%	\$63,00	\$63,00			50%
P3	MULTIMETRO	77-4	1	\$225,90	30%	\$158,13	\$158,13			50%
P3	MULTIMETRO	EEDM509D	1	\$127,54	30%	\$89,28	\$89,28			50%
P3	PIVOT POINTER	3836	1	\$626,20	30%	\$438,34	\$438,34			50%
P3	PROTACTOR	GS18217	1	\$1.155,27	30%	\$808,69	\$808,69			50%
P3	REF TEST SET	2948B	1	\$51.659,00	30%	\$36.161,30	\$36.161,30			50%
P3	TEMPERATURE CONTROL SYSTEM	BR61-101	1	\$72.520,00	30%	\$50.764,00	\$50.764,00			50%
P3	TEMPERATURE CONTROL SYSTEM	BR61-103	1	\$80.206,28	30%	\$56.144,40	\$56.144,40			50%
P3	TEMPERATURE CONTROL SYSTEM (TD CONTROL)	6798233L	1	\$12.398,33	30%	\$8.678,83	\$8.678,83			50%
P3	TENSÍOMETRO	TS-8002-105-20	1	\$921,35	30%	\$644,95	\$644,95			50%
P3	TENSÍOMETRO	TS-8003-100-20	1	\$931,95	30%	\$652,36	\$652,36			50%
P3	TENSÍOMETRO	T60-100/C8-1A	1	\$635,06	30%	\$444,54	\$444,54			50%
P3	TEST DO IND	H133C	1	\$23.925,00	30%	\$16.747,50	\$16.747,50			50%
P3	TEST SET 60KVA SYSTEM	90091-17H	1	\$66.536,67	30%	\$46.435,67	\$46.435,67			50%
P3	TEST SET POWER	6799150	1	\$7.193,33	30%	\$5.033,53	\$5.033,53			50%
P3	TEST SET TRANSDUCER	J-47NH	1	\$28.995,22	30%	\$20.296,65	\$20.296,65			50%
P3	TEST SET BI-ELECTRONIC SYSTEMS	FE-20-1	1	\$4.971,93	30%	\$3.480,35	\$3.480,35			50%
P3	TEST SET SYNCHRO	AL03480-6	1	\$135.000,00	30%	\$94.500,00	\$94.500,00			50%
P3	TESTADOR DE ELASTICIDADE DA MOLA	DG-200	1	\$856,45	30%	\$599,52	\$599,52			50%
P3	TESTE SISTEMA PNEUMÁTICO	W104843-1	1	\$2.870,84	30%	\$2.009,59	\$2.009,59			50%
P3	TESTER PYROMETER	6799233	1	\$4.092,81	30%	\$2.864,96	\$2.864,96			50%







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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETO BÁSICO - OUTROS

P3	TORQUIMETRO	5110476305	1	\$151,34	30%	\$105,94	\$105,94	50%
P3	TORQUIMETRO	401SM	1	\$184,29	30%	\$129,00	\$129,00	50%
P3	TORQUIMETRO	7088-801-54	1	\$325,00	30%	\$227,50	\$227,50	50%
P3	TORQUIMETRO	E107 200	1	\$187,54	30%	\$131,28	\$131,28	50%
P3	TORQUIMETRO	ODRES0	1	\$471,37	30%	\$329,96	\$329,96	50%
P3	TORQUIMETRO	SWB54	1	\$632,26	30%	\$442,58	\$442,58	50%
P3	TORQUIMETRO	TEJETA	1	\$811,05	30%	\$567,72	\$567,72	50%
P3	TORQUIMETRO	TE3071A	1	\$176,11	30%	\$123,27	\$123,27	50%

Referência da Aia	\$	966,096,78
Valor da Proposta	\$	-

Nota: o valor da proposta deve ser menor ou igual ao Valor de Referência da Aia

		Totais	
Tipo	Referência	Proposta	
Overhaul	\$ 502.951,23	\$ -	
Reparo	\$ 289.904,69	\$ -	
Pequeno Reparo	\$ 138.592,60	\$ -	
NFP	\$ 34.648,17	\$ -	
Total	\$ 966.096,78	\$ -	

(Handwritten signatures and initials)

PROPOSTA DE PREÇOS PARA SERVIÇOS DESTE PROJETO BÁSICO - OUTROS

VALOR UNITÁRIO DE REFERÊNCIA PARA REPARO	REFERÊNCIA TOTAL DE REPAROS	VALOR UNITÁRIO PROPOSTO PARA REPARO	PROPOSTA TOTAL PARA REPAROS	PERCENTUAL ESTIMADO DE OCORRÊNCIAS DE PEQUENO REPARO	VALOR UNITÁRIO DE REFERÊNCIA PARA PEQUENO REPARO	REFERÊNCIA DO TOTAL DE PEQUENOS REPAROS	VALOR UNITÁRIO PROPOSTO PARA PEQUENO REPARO	PROPOSTA TOTAL PARA PEQUENOS REPAROS	PERCENTUAL ESTIMADO DE NFF	VALOR UNITÁRIO DE REFERÊNCIA PARA NFF	REFERÊNCIA TOTAL DE NFF	VALOR UNITÁRIO PROPOSTO PARA NFF	PROPOSTA TOTAL PARA NFF
\$3.855,67	\$7.711,34	\$1.927,84	\$1.927,84	15%	\$1.927,84	\$1.927,84	\$1.927,84	\$1.927,84	5%	\$481,96	\$481,96	\$481,96	\$481,96
\$6.144,80	\$6.144,80	\$3.072,40	\$3.072,40	15%	\$3.072,40	\$3.072,40	\$3.072,40	\$3.072,40	5%	\$768,10	\$768,10	\$768,10	\$768,10
\$9.266,80	\$9.266,80	\$4.633,40	\$4.633,40	15%	\$4.633,40	\$4.633,40	\$4.633,40	\$4.633,40	5%	\$1.158,35	\$1.158,35	\$1.158,35	\$1.158,35
\$1.085,36	\$1.085,36	\$542,68	\$542,68	15%	\$542,68	\$542,68	\$542,68	\$542,68	5%	\$135,67	\$135,67	\$135,67	\$135,67
\$1.085,36	\$1.085,36	\$542,68	\$542,68	15%	\$542,68	\$542,68	\$542,68	\$542,68	5%	\$135,67	\$135,67	\$135,67	\$135,67
\$9.266,80	\$9.266,80	\$4.633,40	\$4.633,40	15%	\$4.633,40	\$4.633,40	\$4.633,40	\$4.633,40	5%	\$1.158,35	\$1.158,35	\$1.158,35	\$1.158,35
\$6.144,80	\$6.144,80	\$3.072,40	\$3.072,40	15%	\$3.072,40	\$3.072,40	\$3.072,40	\$3.072,40	5%	\$768,10	\$768,10	\$768,10	\$768,10
\$9.736,60	\$9.736,60	\$4.868,30	\$4.868,30	15%	\$4.868,30	\$4.868,30	\$4.868,30	\$4.868,30	5%	\$1.217,08	\$1.217,08	\$1.217,08	\$1.217,08
\$1.182,26	\$3.546,77	\$591,13	\$591,13	15%	\$591,13	\$591,13	\$591,13	\$591,13	5%	\$147,78	\$147,78	\$147,78	\$147,78
\$1.321,73	\$3.965,18	\$660,86	\$660,86	15%	\$660,86	\$660,86	\$660,86	\$660,86	5%	\$165,22	\$165,22	\$165,22	\$165,22
\$3.162,21	\$3.162,21	\$1.581,11	\$1.581,11	15%	\$1.581,11	\$1.581,11	\$1.581,11	\$1.581,11	5%	\$395,28	\$395,28	\$395,28	\$395,28
\$335,47	\$335,47	\$167,73	\$167,73	15%	\$167,73	\$167,73	\$167,73	\$167,73	5%	\$41,93	\$41,93	\$41,93	\$41,93
\$210,03	\$210,03	\$105,02	\$105,02	15%	\$105,02	\$105,02	\$105,02	\$105,02	5%	\$26,25	\$26,25	\$26,25	\$26,25
\$314,78	\$314,78	\$157,39	\$157,39	15%	\$157,39	\$157,39	\$157,39	\$157,39	5%	\$39,35	\$39,35	\$39,35	\$39,35
\$737,13	\$737,13	\$368,57	\$368,57	15%	\$368,57	\$368,57	\$368,57	\$368,57	5%	\$92,14	\$92,14	\$92,14	\$92,14
\$771,01	\$771,01	\$385,51	\$385,51	15%	\$385,51	\$385,51	\$385,51	\$385,51	5%	\$96,38	\$96,38	\$96,38	\$96,38
\$10.936,67	\$10.936,67	\$5.478,34	\$5.478,34	15%	\$5.478,34	\$5.478,34	\$5.478,34	\$5.478,34	5%	\$1.369,58	\$1.369,58	\$1.369,58	\$1.369,58
\$1.606,20	\$1.606,20	\$803,10	\$803,10	15%	\$803,10	\$803,10	\$803,10	\$803,10	5%	\$200,78	\$200,78	\$200,78	\$200,78
\$63,44	\$63,44	\$31,72	\$31,72	15%	\$31,72	\$31,72	\$31,72	\$31,72	5%	\$7,93	\$7,93	\$7,93	\$7,93
\$70,00	\$70,00	\$35,00	\$35,00	15%	\$35,00	\$35,00	\$35,00	\$35,00	5%	\$8,75	\$8,75	\$8,75	\$8,75
\$84,33	\$84,33	\$42,17	\$42,17	15%	\$42,17	\$42,17	\$42,17	\$42,17	5%	\$10,54	\$10,54	\$10,54	\$10,54
\$4.765,43	\$4.765,43	\$2.382,71	\$2.382,71	15%	\$2.382,71	\$2.382,71	\$2.382,71	\$2.382,71	5%	\$595,68	\$595,68	\$595,68	\$595,68
\$428,02	\$428,02	\$214,01	\$214,01	15%	\$214,01	\$214,01	\$214,01	\$214,01	5%	\$53,50	\$53,50	\$53,50	\$53,50
\$1.066,37	\$1.066,37	\$533,19	\$533,19	15%	\$533,19	\$533,19	\$533,19	\$533,19	5%	\$133,30	\$133,30	\$133,30	\$133,30
\$197,19	\$197,19	\$98,60	\$98,60	15%	\$98,60	\$98,60	\$98,60	\$98,60	5%	\$24,65	\$24,65	\$24,65	\$24,65
\$36,00	\$36,00	\$18,00	\$18,00	15%	\$18,00	\$18,00	\$18,00	\$18,00	5%	\$4,50	\$4,50	\$4,50	\$4,50
\$90,36	\$90,36	\$45,18	\$45,18	15%	\$45,18	\$45,18	\$45,18	\$45,18	5%	\$11,29	\$11,29	\$11,29	\$11,29
\$51,01	\$51,01	\$25,51	\$25,51	15%	\$25,51	\$25,51	\$25,51	\$25,51	5%	\$6,38	\$6,38	\$6,38	\$6,38
\$250,48	\$250,48	\$125,24	\$125,24	15%	\$125,24	\$125,24	\$125,24	\$125,24	5%	\$31,31	\$31,31	\$31,31	\$31,31
\$462,11	\$462,11	\$231,05	\$231,05	15%	\$231,05	\$231,05	\$231,05	\$231,05	5%	\$57,76	\$57,76	\$57,76	\$57,76
\$20.665,60	\$20.665,60	\$10.331,80	\$10.331,80	15%	\$10.331,80	\$10.331,80	\$10.331,80	\$10.331,80	5%	\$2.582,95	\$2.582,95	\$2.582,95	\$2.582,95
\$29.008,00	\$29.008,00	\$14.504,00	\$14.504,00	15%	\$14.504,00	\$14.504,00	\$14.504,00	\$14.504,00	5%	\$3.626,00	\$3.626,00	\$3.626,00	\$3.626,00
\$37.082,51	\$37.082,51	\$18.041,26	\$18.041,26	15%	\$18.041,26	\$18.041,26	\$18.041,26	\$18.041,26	5%	\$4.010,31	\$4.010,31	\$4.010,31	\$4.010,31
\$4.959,33	\$4.959,33	\$2.479,67	\$2.479,67	15%	\$2.479,67	\$2.479,67	\$2.479,67	\$2.479,67	5%	\$619,92	\$619,92	\$619,92	\$619,92
\$368,54	\$368,54	\$184,27	\$184,27	15%	\$184,27	\$184,27	\$184,27	\$184,27	5%	\$46,07	\$46,07	\$46,07	\$46,07
\$372,78	\$372,78	\$186,39	\$186,39	15%	\$186,39	\$186,39	\$186,39	\$186,39	5%	\$46,60	\$46,60	\$46,60	\$46,60
\$254,03	\$254,03	\$127,01	\$127,01	15%	\$127,01	\$127,01	\$127,01	\$127,01	5%	\$31,75	\$31,75	\$31,75	\$31,75
\$9.570,00	\$9.570,00	\$4.785,00	\$4.785,00	15%	\$4.785,00	\$4.785,00	\$4.785,00	\$4.785,00	5%	\$1.196,25	\$1.196,25	\$1.196,25	\$1.196,25
\$26.534,67	\$26.534,67	\$13.267,33	\$13.267,33	15%	\$13.267,33	\$13.267,33	\$13.267,33	\$13.267,33	5%	\$3.316,83	\$3.316,83	\$3.316,83	\$3.316,83
\$2.877,33	\$2.877,33	\$1.438,67	\$1.438,67	15%	\$1.438,67	\$1.438,67	\$1.438,67	\$1.438,67	5%	\$359,67	\$359,67	\$359,67	\$359,67
\$11.598,09	\$11.598,09	\$5.799,04	\$5.799,04	15%	\$5.799,04	\$5.799,04	\$5.799,04	\$5.799,04	5%	\$1.449,76	\$1.449,76	\$1.449,76	\$1.449,76
\$1.988,77	\$1.988,77	\$994,39	\$994,39	15%	\$994,39	\$994,39	\$994,39	\$994,39	5%	\$248,60	\$248,60	\$248,60	\$248,60
\$54.000,00	\$54.000,00	\$27.000,00	\$27.000,00	15%	\$27.000,00	\$27.000,00	\$27.000,00	\$27.000,00	5%	\$6.730,00	\$6.730,00	\$6.730,00	\$6.730,00
\$342,58	\$342,58	\$171,29	\$171,29	15%	\$171,29	\$171,29	\$171,29	\$171,29	5%	\$42,82	\$42,82	\$42,82	\$42,82
\$1.148,34	\$1.148,34	\$574,17	\$574,17	15%	\$574,17	\$574,17	\$574,17	\$574,17	5%	\$143,54	\$143,54	\$143,54	\$143,54
\$1.637,12	\$1.637,12	\$818,56	\$818,56	15%	\$818,56	\$818,56	\$818,56	\$818,56	5%	\$204,64	\$204,64	\$204,64	\$204,64

DEFESA AERONAUTICA
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 Proc: 67101
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PROPOSTA DE PREÇOS PARA SERVIÇOS DESTES PROJETOS BÁSICO - OUTROS

\$60,54	\$60,54		15%	\$30,27	\$30,27		5%	\$7,57	\$7,57		
\$73,72	\$73,72		15%	\$36,86	\$36,86		5%	\$9,21	\$9,21		
\$130,00	\$130,00		15%	\$65,00	\$65,00		5%	\$16,25	\$16,25		
\$75,01	\$75,01		15%	\$37,51	\$37,51		5%	\$9,38	\$9,38		
\$188,55	\$188,55		15%	\$94,27	\$94,27		5%	\$23,57	\$23,57		
\$252,90	\$252,90		15%	\$126,45	\$126,45		5%	\$31,61	\$31,61		
\$324,41	\$324,41		15%	\$162,21	\$162,21		5%	\$40,55	\$40,55		
\$70,44	\$70,44		15%	\$35,22	\$35,22		5%	\$8,81	\$8,81		

A blue handwritten signature is located at the bottom left of the page. To its right are several blue initials, including a large 'Y' and a smaller 'K'.

DISCLAIMER: The English version is a certified translation of the original in Portuguese for information purposes only. In case of a discrepancy, the Portuguese original version shall prevail.



**MINISTRY OF DEFENSE
AERONAUTICAL COMMAND
DIRECTORATE OF AERONAUTICAL AND WARFARE MATERIAL**

**BASIC PROJECT PLAN 008
REPAIRABLE ITEMS ABROAD**

Written in accordance with Segment IX, Art 6° of Law n° 8.666/1993 and the TCU Manual "Bids and Contracts, Basic Directives, 4th Edition, 2010.

A handwritten signature in blue ink, consisting of a large, stylized loop with a small circle at the bottom.

TABLE OF CONTENTS

1	PREAMBLE	4
1.1	History	4
1.2	Definitions and Abbreviations	4
2	PURPOSE	15
3	OBJECT	16
4	APPLIED MATERIAL AND SERVICE SPECIFICATION	16
4.1	Overhaul, Repair and Small Repair Services	16
4.2	Material Applied in Overhaul, Repairs and Small Repairs:	18
4.3	Insurance	20
4.4	Technical Solutions	20
4.5	Execution Timeframe	21
5	CONTRACT JUSTIFICATION	22
6	EXECUTION REGIME	23
7	TIMELINES	24
7.1	Validity Term	24
7.2	Execution Period	24
7.3	Receipt Period	24
7.4	Payment Terms	25
8	DELIVERY PERFORMANCE LOCATION	25
9	COST ESTIMATES FOR REFERENCE PRICES AND PROPOSAL SUBMISSION	25
9.1	General procedures	25
9.2	Cost of services listed in the Object of this PB	28
9.3	Criteria for Budget Approval for the purpose of EXCHANGE	29
9.4	Non-Approval of the Estimate	33
10	Proposal Submission and Ranking Criteria	33
11	TECHNICAL GUARANTEE	36
11.1	Description of Conditions	36
12	RECEIPT CONDITIONS	37
13	TECHNICAL QUALIFICATION WHICH MAY BE REQUIRED OF COMPANY	38
14	MONITORING	40
15	GENERAL OBLIGATIONS	41
15.1	For the CONTRACTING PARTY	41

15.2	For the CONTRACTED PARTY	42
16	PERFORMANCE METRICS	43
17	ADDITIONAL SERVICES	44
18	BUDGET ALLOCATION AND DELIVERY AND PAYMENT SCHEDULE	45
19	MANNER OF PURCHASE	46
20	GUARANTEE OF EXECUTION	46
21	SUBJECTIVE MODIFICATION	47
22	ENVIRONMENTAL SUSTAINABILITY	47
	a) Disposal on the beach, in the sea, or any body of water;	48
	b) Disposal in open landfill, except for mining waste;	48
	c) Open burning of waste, or burning in containers or installations or equipment lacking the proper license for this purpose; and	48
	d) Any other manner forbidden by the public authority.	48
23	ADMINISTRATIVE SANCTIONS	48
24	GENERAL PROVISIONS	51



1 PREAMBLE

1.1 History

DIRMAB [the Directorate of Aeronautical and Warfare Material] is the office within the FAB which is responsible for logistic support to aircraft at all levels of the supply chain

In order to promote Logistic Support to the FAB fleet, DIRMAB owns several internal and external workshops, the latter through contracts, tasked with the mission of repairing various components of different FAB aircraft.

Currently, there are several contracts in place for the repair of components destined to each aircraft, thereby generating several distinct controls with specific labor and administrative management costs within the FAB.

Within this picture, DIRMAB chose to create a single contract for the purpose of reducing costs associated with the logistic supply chain, optimizing administrative management and creating a scale economy, in addition to increasing national and international competition.

1.2 Definitions and Abbreviations

In order to enhance the understanding of the terms in this Basic Project Plan and simplify text composition, the following definitions and abbreviations were adopted, as described below:

MANAGING AGENT: It is the authority overseeing the MANAGING UNIT'S administrative activities.

AIPC: "Aircraft Illustrated Parts Catalog, technical publication indicating all Part Numbers used to equip the aircraft, which are necessary for its operation.



DIVISION ('ALA'):: FAB Unit destined to coordinate, control and perform logistic and administrative activities needed for the operation of the military organizations it oversees, or deployed military organizations, as well as any military organizations headquartered under its jurisdiction.

ANAC: The Brazilian Government's National Civil Aviation Agency.

AOG: Aircraft on Ground. Phrase used to describe an aircraft which is not fit to continue or resume operations until necessary measures are taken to restore the aircraft's airworthiness. This condition qualifies as maximum priority in processing a spare parts request and/or maintenance action.

ATA: The official records to be taken into account, for the purposes of this Invitation, shall be those specified ATA-100, from the "Air Transport Association of America ", per link "www.s-techhent.com/ATA100.htm", except for the official records pertaining to the engine, propeller or electronic warfare.

APPROVED AVIATION AUTHORITY (AAA): IT shall mean the IFI in Brazil, the Federal Aviation Administration (FAA) in the US, the European Aviation Safety Agency (EASA) in Europe or other agency identified by the CONTRACTING PARTY, and agreed upon in writing with the CONTRACTED PARTY, any other equivalent foreign aviation authority with jurisdiction over the performance of the object contemplated by the Basic Project Plan.

CIVIL AVIATION AUTHORITY: This shall refer to ANAC, in Brazil, or other agency recognized as responsible the Civil Aviation Administration in the country in which the services contemplated here are rendered or received.

BER: Beyond Economic Repair or item whose repair is economically inviable. Expression usually used to define the condition of a spare part or component, whose total repair cost is economically inviable (repair cost higher than 70% of cost of new part- ICA 66-13).

BS: Service Bulletin. A document issued by the Component Manufacturer, providing information about the way in which the modification should be performed.

C-95/P95: Code assigned by the Brazilian Air Force to EMB aircraft 110, known as 'Bandeirante'.

C-97: Code assigned by the Brazilian Air Force to EMB aircraft 120, known as 'Brasília'.

C-98: Code assigned by the Brazilian Air Force to Cessna aircraft 208, known as 'Caravan'.

C-105: Twin turboprop engine developed for tactical military transportation. Code assigned by the Brazilian Air Force (FAB) from the state of 'AMAZONAS'.

BACE - The Brazilian Aeronautical Commission in Europe: London- based logistic Office in charge for foreign supply chain.

BACW – Brazilian Aeronautical Commission in Washington: Washington- based logistic office in charge of foreign supply chain.

CALIBRATION: Provision of services calibrating an item, for the purpose of restoring it to usable condition, through the application of specific standards, which ensure its correct functioning.

SERVICE CENTER: center for the provision of maintenance to satisfy in full all requirements by the Aeronautical Authority in the State of Country in which the workshop is based, with a license –issued by the Aeronautical Authority and by the aircraft manufacturer- to operate as a workshop for the aircraft listed in the Basic Project.;

COC: Certificate of Conformity

CHE: Company Accreditation Certificate, issued by ANAC

CHT: Company Technical Qualification Certificate, issued by ANAC..

CMM: Components Maintenance Manual. Repair Parts Catalogue, with manufacturer description.

COMAER: Aeronautical Command.



COMPONENT: Any independent part, set of parts, subsets, kits or units, whether new or used, with a distinct function which is necessary to operate the aircraft or other related ATA.

CONSUMABLE COMPONENT: A component which is only used once, and which shall be treated in the Basic Project Plan as a Disposable Component.

DISPOSABLE COMPONENT: A component for which there is no authorized repair process or whose repair cost would normally exceed the cost of replacement.

ROTATION COMPONENT: A repairable component in usable condition, which is not installed on the aircraft, however.

REPAIRABLE COMPONENT: A component which encompasses or includes replaceable components, provided their repair is economically viable, and subject to rehabilitation and restoration of full operational condition during a shorter time than the shelf life of comparable flight equipment.

COMPONENT IN NON-USABLE CONDITION: A component which is no longer usable or which needs to be removed from the aircraft for repair or general overhaul.

COMREC: Contract Monitoring and Execution Commission, composed by COMAER representatives, appointed to represent it, for the purpose of monitoring execution and receiving the object addressed by the Basic Project Plan with the CONTRACTED PARTY.

"NEW CONDITION" Factory new item which is free from any non-conformity or any type of discrepancy. An item which has undergone overhaul may not be considered new.

MAJOR SET: A repairable set made up of two or more components which are also repairable, whether installed or connected to the whole, fulfilling a specific function for the general operation, subject to an indicator for general overhaul or repair such as TSO, TSN, TBO, CSN, etc.

DISCLAIMER: The English version is a certified translation of the original in Portuguese for information purposes only. In case of a discrepancy, the Portuguese original version shall prevail.

AIRWORTHY CONDITION: The mandatory safety status required by the Civil Aviation Authority to maintain the aircraft in normal flight operation, based on type of approved project, except as otherwise specified in the Basic Project Plan.

CONTRACTED PARTY: Company responsible for delivering the object of this Basic Project Plan.

CONTRACTING PARTY: the Government- represented by the Aeronautical Command– through the Aeronautical Material Depot (PAMAS).

EXPENSE CONTRACT: For the purposes of the Basic Project Plan, the Agreement which the Public Administration (CONTRACTING PARTY), acting as such, signs with a private or administrative entity (CONTRACTED PARTY), for the performance of the services in question, under the conditions set forth by the Public Administration itself.

CTLA: Aeronautical Logistic Transportation Center.

DA: Airworthiness Directive. It refers to any mandatory directive published by the Civil Aviation Authority, defining actions to maintain the Aircraft's Airworthy Condition.

DIRMAB: Directorate of Aeronautical and Warfare Material.

DRS: Main repair workshop designated by the CONTRACTED PARTY.

EA or "ea.": Each or "each other".

END USER: End User Statement.

ESM: Supply and Maintenance Squadron.

EXCHANGE: Replacement of a repairable item owned by COMAER with another repairable item owned by the CONTRACTED PARTY, provided that an equal, alternative or superior item is offered from its stock, with a quantifiable potential for use, close to the potential of the replaced items, added to the cost of overhaul or repair which the item might undergo in this replacement.



F-5M: Name assigned by the Brazilian Air Force to Northrop F-5E Tiger, known as F5.

FAA-AC-56: FAA Rule establishing companies to be certified for each aircraft system (ATA) as per website: www.aviationsuppliers.org/faa-ac00/56.

FAB: Brazilian Air Force

FACTORY NEW: New item which has still not been stocked.

FADT: Technical Directive Analytic Tab. This expression shall refer to the CONTRACTING PARTY'S opinion on the decision to incorporate a Technical Directive issued by a manufacturer in connection with an aeronautical item.

FEDLOG: Federal Logistics Catalogue [US.

FHT: Historic Tab or yellow Tab. This term refers to the document issued by the CONTRACTING PARTY for each aeronautical item with a serial number and must include the following data: aircraft/engine on which it was installed; Date of installation/removal; Partial and full operational hours; Reason for Removal; integrated Technical Directives; Services performed on the item; Date on which services were performed and items replaced.

MONITOR: Administration agent specifically appointed as its representative to monitor and oversee the execution of the Contract, where third-parties may be hired to assist and support him with information pertaining to these duties in situations in which his technical expertise is not sufficient to carry them out.

The monitor is responsible for the receipt and delivery of all notifications, estimates and estimate approval.

He is also responsible for sending the estimates for approval by the EXPENSE SUPERVISOR to PAMAS.

GLOG: Logistic Group tasked with coordinating, directing and monitoring activities in the maintenance and supply chain in the respective ALA's.

DISCLAIMER: The English version is a certified translation of the original in Portuguese for information purposes only. In case of a discrepancy, the Portuguese original version shall prevail.

GMM: Material Movement Record. This phrase shall designate the document, issued by the CONTRACTING PARTY, which will accompany the aeronautical item being delivered to the CONTRACTED PARTY to undergo any service.

HANDLING: All additional charges, expressed as a percentage, based on a price or reference amount for purchase of material and relevant financial onus, direct and direct expenses and profit.

H-60L: Aircraft named as S-70 by the manufacturer. It is a medium size two-engine helicopter for attack and utility transportation. It is known within the FAB as H-60L.

H/H (MH): Man Hour.

HSCA: Component and Accessory Service History.

ICA 65-8: Aeronautical Command Directive on COMREC and Contract Monitor Duties.

ICA 66-13: Aeronautical Command Directive on Maintenance Services in Aeronautical Companies.

IHS: US Federal Catalog- Parts Prices.

INCOTERMS 2010: International Commercial Terms..

INVOICE: Commercial document which formalizes a service interaction occurring abroad, as described in this Basic Project Plan, including quantity, price and payment conditions for commodities [purchased] or services rendered.

LOG CARD: Historic record.

MODIFICATION: Rendering of services in a repairable item, for the purpose of complying with a Technical Norm or Bulletin.

SCHEDULED MAINTENANCE: Maintenance performed at regular intervals to maintain a repairable component in operational condition, through a systematic inspection, detection and replacement of worn out components; tuning, calibration and cleaning, in accordance with the manuals.



UNSCHEDULED MAINTENANCE: Maintenance which was not contemplated in the SCHEDULED MAINTENANCE, or which occurred before the established timeframe, being performed to restore the airworthy condition of a repairable component, or of a component which has been restored by correcting a breakdown, or a breakdown which occurred or was detected through an obvious breakdown inquiry procedure, suspicion of defect or poor functioning, in accordance with the manuals.

NATO: NATO Catalog System, as described on website: http://www.nato.int/structur/AC/135/nmcr/nmcr_e/index.htm.

INADEQUATE FOR USE: In non-compliance with the airworthy standards established by the AAA.

NEW SURPLUS: New item on shelf

NEW MANUFACTURE: New item which has not been stocked yet.

NF ('Nota Fiscal'): Bill of Sale.

NFF: Items sent by the CONTRACTING PARTY which do not require repair.

NSN: NATO Stock Number.

OEM: : Original Equipment Manufacturer.

WORKSHOP: Premise owned by the CONTRACTED PARTY where the services contemplated by this Basic Project Plan shall be delivered. It shall also apply to the location in which the services detailed in the Object of this Basic Project Plan are performed.

OPERATORS: Air Units and Aeronautical Material Depots

EXPENSE SUPERVISOR Any Administration Agent or Public Officer exercising asset, financial, budget administration in the UG.

ADMINISTRATIVE MANAGEMENT PROCESS (PAG): Consisting in the chronological set of the parts which make up a process, starting with the first page, which generated the process, to the table of contents, with all pages numbered

and initialed in ascending order, starting with the cover, which must summarize the topic, interested party and date.

P-3AM: Extended range and Anti-Submarine Warfare maritime patrol aircraft.

PAMALS: Aeronautical Material Depot of Lagoa Santa, Central Depot for Projects. C-95, C-97, C-98, C-105, H-60L, F-5, P-3AM, T-25 and T-27.

CENTRAL DEPOT - PAMAs: Executive SISMA body which is responsible for all necessary provisions pertaining to the supply, maintenance and technical support of operators, for the general oversight of a project or equipment assigned to its task by the system's Central Organization, as well as for knowing in full detail the status of equipment applied in projects under its supervision, whose repair shall be the responsibility of another Depot, as Workshop Depot. The Central Depot is the manager of the Project as a whole, including components possibly assigned to one or more Workshop Depots.

PB: Basic Project Plan.

REJECTED PARTS: Parts deemed inadequate or whose repair was considered economically inviable (BER) by the CONTRACTED PARTY, being greater than 70% of [the cost of] a new part.

PN: Part Number.

PMA: Items which are not original manufacturer parts yet may be installed on aircraft with certification by the FAA or Military or Civil Authority exercising the same competence.

SMALL REPAIR: It is a provision of services in a repairable item, for the purpose of restoring its usable condition. The same item, after repair, must be placed directly on "Flight line" or returned to the usable [item] stock. It is different from a repair due to the degree of labor and material intervention in order to restore the item to the flight line.

PRICE LIST: Price list issued by the manufacturer of the parts used in the service.



RESTORATION – Provision of services on repairable item consisting in the incorporation of items (spare parts) for the purpose of upgrading the same item.

SCHEDULED COMPONENT REMOVAL: When a part has reached its scheduled limit and is ready for removal, it must be removed from service and sent to the Workshop for overhaul.

UNSCHEDULED COMPONENT REMOVAL (PREMATURE) When a part presents functional breakdown before reaching time between overhauls and the prescribed corrective measure does not eliminate the breakdown, it shall be removed from service, regardless of hours, time, number of departures and operational time still available, and it shall be sent to the Overhaul Workshop.

REPAIR: It is the provision of services in a repairable item, for the purpose of restoring usable condition. The same item may, after repair, be placed directly on “flight line” or returned to the usable item stock.

GENERAL OVERHAUL or “OVERHAUL”: Provision of services including a major set of interventions, replacing mandatory parts, in a repairable item, which is not necessarily broken, and may occur to fulfill TBO.

SEGVOO 003 (Airworthiness Approval Label) – Form meant for primary maintenance record, for the purpose of approving return to service of engines, propellers and Class II and III aeronautical products after maintenance, preventive maintenance, reconditioning, modification or repair, in accordance with section 43.9 of RBHA 43, issued by ANAC.

Completion of form must comply with Normative Directive nº IAC 3149-21/43-0302, dated April 1st. 2002, issued by ANAC.

The CONTRACTED PARTY must submit a similar document to SEGVOO for the country which will perform the service.

SILOMS: Aeronautical Command’s Integrated Logistic Maintenance and Service System “Software” used by FAB, for the purpose of recording, identifying and transporting aeronautical material.

SISMA: Aeronautical Material System.

S/N: Serial Number. Alpha-numeric code individualizing equipment. The code is affixed to the equipment.

T-25: Code assigned by the Brazilian Airforce to Aircraft Neiva T-25, known as T-25.

T-27: Code assigned by the Brazilian Air Force to aircraft EMB T-27, known as 'Tucano'.

TAT: Turn Around Time, time between receipt of the part by the CONTRACTED PARTY and its return to the CONTRACTING PARTY in usable condition, after performing the service established in the Basic Project Plan.

PRORATA FEE (P): Administrative fee to be paid by one of the parties, in case of exchange.

TBO: Time Between Overhaul, or time between general overhauls of item or equipment.

TCTR: Subdivision of Aeronautical Material Depot Control.

TLV: Shelf Life Limit for a repairable item.

TSN: Time since New: total use time of an item or piece of equipment since new.

TSO: Time Since Overhaul: Use time of an item or piece of equipment since last general overhaul.

TTEC: Technical Division of the Aeronautical Material Depots- PAMAS.

ADMINISTRATIVE UNIT: It is the military organization (OM), or its appointed section, per legal documents, to manage the assets, funds and credits specifically assigned to it, in full or in part.

MANAGING UNIT (UG): – Generic Term for ADMINISTRATIVE UNIT.

WEBFLIS: US Federal Catalog.



2 PURPOSE

2.1. This Basic Project Plan aims to present the set of necessary and sufficient elements, with the adequate degree of precision, to characterize the services sought by the Administration, thus completing the Administrative Management Process dealing with the provision of services, to include the purchase, calibration, restoration, and/or overhaul of repairable components and parts in COMAER's C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM and C-105 aircraft, over a period of 42 (forty-two) months, starting on the date of Contract signature, which must be specified in the Price Proposal, thus allowing the Administration to evaluate costs, define timelines and manner of execution, as well as guiding and governing the relationship between the future CONTRACTED PARTY and the CONTRACTING PARTY.

2.2. The generation of this contract aims to reduce Turn Around Time (TAT) for repairable items, satisfying the availability indices set forth by COMAER and reducing costs. The optimization of the flow of repairable items implies a savings by not acquiring a high number of high-cost items to keep in stock, thus significantly cutting back expenses. Reducing Turn Around Time for components which may become unavailable, and the prompt restoration of airworthy condition in these aircraft strengthens COMAER's combat capacity, and increases its ability to respond to emergency situations in Brazil.

2.3. The permanent availability of calibration, restoration, modification, 'exchange', repair and general overhaul services in the repairable components for the projects listed in the object above, which belong to the Brazilian Air Force, aim to recover items whose maintenance is not performed internally by PAMAs workshops and which- due to lack of human resources and assets in this Military Organization, need to be repaired by external companies.

3 OBJECT

3.1. Provision of services, to include the calibration, renovation, recovery and/or overhaul, exchange of repairable components, technical publications for repairable components, exchange in order to meet scheduled and unscheduled inspections for COMAER aircraft C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105, fulfilling the demand for production of repairable items at the Aeronautical Material Depots, including additional services, over a period of 42 (forty-two) months, starting from the date of contract signature.

3.2 The services described are included in the Overhaul, Repair and Small Repair proposal concepts.

3.3. The full list of repairable items, which shall be serviced abroad, to fulfill the demands of the aircraft included in the object, is provided in Attachment A.

4 APPLIED MATERIAL AND SERVICE SPECIFICATION

4.1 Overhaul, Repair and Small Repair Services

4.1.1. The performance of services listed under item 3 must follow these steps: removal and delivery of the material to the BACE/BACW, inspection upon receipt, disassembly, chemical and mechanical cleaning, non-destructive tests, physical dimensional inspection, budget preparation, repair of parts and accessories, calibration, fulfillment of technical directives, partial assembly, preparation for trials on the testing bench, or workbench, partial or general painting, final assembly, final inspection, preservation, packing, technical writing, completion of evaluations or technical reports, issue of completed service report, transportation and INCOTERM DAP delivery;

4.1.2. All services performed must always comply with technical publications issued by the item, component and accessory manufacturers;



4.1.3. The CONTRACTING PARTY may supply the publication for the performance of the services; however, the CONTRACTED PARTY must be able to perform the services by itself, without being dependent upon assistance from the CONTRACTING PARTY.

4.1.4. All technical directives pertaining to airworthiness, which must be incorporated in the items, components and accessories, must be delivered to the Contract Monitor, for approval, via FADT, with at least 10 (ten) business days' notice before scheduled application, through official notification; and

4.1.5. All preservation, packaging costs, insurance, fees, taxes, warehousing, transportation costs, social security, labor contributions and any other human resource expense associated with labor or social security legislation, as well as with shipping and customs input costs for the object of this Basic Project Plan shall be under the CONTRACTED PARTY's responsibility from pick-up at BACE/BACW up until return to BACE/BACW.

4.1.6. The service shall begin upon receipt of the Service order by the CONTRACTED PARTY further to issue by the MONITORING TEAM.

4.1.7. The Budget submitted to the PAMAs must include the following information:

- a) Part Number, Nomenclature and Serial Number of Item undergoing overhaul;
- b) Date and number of Material Movement Record (GMM) associated with the item submitted by the PAMAs;
- c) Nature and full details of service to be performed;
- d) Number of man-hours to be used in the repair or general overhaul;
- e) Unit prices and total labor to be used;
- f) Cost of material to be used, clearly showing quantity, nomenclature and part number. Unit prices must be shown in US dollars;
- g) Copy of the price list used for the repairable component;

- h) Total material and labor costs must be added, and their sum shall reflect the total cost to be charged for the service; any change to the initial budget must be approved in advance by PAMAS; and
- i) Service Order Number issued by the Aeronautical Material Depots.
- j) Part NSN.

4.1.8. For the receipt of completed services, all equipment parameters must always comply with the technical publications issued by the item, component and accessory manufacturers.

4.1.9. The service shall begin when the CONTRACTED PARTY receives the Service Order.

4.1.10. All service receipt must include FHT, COC and HSCA for the part submitted for the services described in this PB.

4.1.11. The REPAIRS may extend- beyond the original Part Numbers (PN) and Serial Numbers (SN), to newer, alternate or modified numbers.

4.1.12. Customs Clearance in Brazil for the sending and receipt of material abroad, and all related costs- shall be the CONTRACTING PARTY's responsibility in the itinerary from PAMAs to BACE/BACW and back to PAMAs.

4.1.13. All customs costs, VAT (IVA) taxes and other direct and indirect costs associated with the services shall be borne by the CONTRACTED PARTY from pick-up of repairable material at BACE/BACW, to delivery to Repair Workshop, up until delivery of the repaired item back to the BACE/BACW.

4.2 Material Applied in Overhaul, Repairs and Small Repairs:

4.2.1. In the performance of the services specified in this Basic Project Plan, the CONTRACTING PARTY does not commit to providing any applied material, whether it is a special product, paint, gas, lubricant, fuel, test, tool, transportation, consumption material needed to perform the services described in the object of



this PB, test bed, or technical publication, all of which are the CONTRACTED PARTY'S responsibility, at its expense.

4.2.1.1. At the Administration's discretion and in its interest, the CONTRACTING PARTY may choose to supply materials applied in the services, for the purpose of reducing service cost based on market price, in which case, fees, taxes or any other direct or indirect costs associated with the materials provided shall not apply.

4.2.2. Subject to the urgency, availability of financial resources and viability of costs, any repairable component belonging to FAB may be exchanged for another belonging to the company, provided that such exchange is approved in advance by the Expense Supervisor, via the Contract Monitor, in accordance with sub-item 9.3 of this PB.

4.2.3. All raw materials and supply items used in the general overhaul or repair of aeronautical items, applied by the FUTURE CONTRACTED PARTY, shall be OEM, PMA and Factory New or New Surplus/New Manufacture. Therefore, the CONTRACTED PARTY commits to using only new parts in perfect condition, without damages associated with handling, packaging, warehousing and transportation.

4.2.4. The FUTURE CONTRACTED PARTY shall be held accountable for the use of improper material, in the item undergoing repair, if any of the following should occur:

- a) Use of an inadequate component for the aeronautical item type or model being overhauled;
- b) Use of a component which has been superseded by a Technical Directive of a mandatory nature, or by a parts catalogue; and
- c) Any circumstances in which an error in the performance of the services by the CONTRACTED PARTY is proved.

4.2.5. If an aeronautical item is returned due to use of improper material, during the original overhaul, the FUTURE CONTRACTED PARTY must proceed with

new overhaul, and replace damaged materials at NO COST to PAMAs, regardless of validity term associated with service guarantee.

4.2.6. The CONTRACTED PARTY'S responsibilities shall not include:

- a) Item repair associated with abuse, negligence or improper operation by the CONTRACTING PARTY.
- b) Floods, earthquakes, lightning, etc.
- c) Modification, substitution or equipment replacement indicated by the CONTRACTING PARTY.
- d) Implementation of Airworthiness Directive.
- e) Additional Maintenance caused by a change in the aircraft configuration (special equipment, etc.).
- f) GSE, support equipment and tool repair, calibration and maintenance..

4.3 Insurance

4.3.1. All repairable components under the CONTRACTED PARTY'S responsibility, whether in transit, warehouse or performance of service by the CONTRACTED PARTY must be covered by insurance, ensuring reimbursement of market price comparable to repaired material status.

4.4 Technical Solutions

4.4.1. In the absence of technical references for the performance of the services addressed by this Basic Project Plan, these shall be performed based on the CONTRACTED PARTY'S Engineering Department decisions, further to approval by the CONTRACTING PARTY through the Contract Monitor.

4.4.2. The CONTRACTED PARTY must provide Technical Assistance to the



CONTRACTING PARTY in matters related to aircraft repairable items, without addition cost to the CONTRACTING PARTY.

4.5 Execution Timeframe

4.5.1. The timeframe for executing the object of this Basic Project Plan is 34 (thirty-four months) starting on the date of contract signature.

4.5.2. All services specified in this Basic Project Plan may only be performed after the respective budgets have been approved. The deadline to submit an estimate to the is 07 (seven) business days, after receipt of the item by the CONTRACTED PARTY.

4.5.3. The maximum timeframe within which to respond with approval or disapproval of the budget by the CONTRACTING PARTY, through the Contract Monitor, shall be 7 (seven) business days, starting from the receipt of the budget, per the terms of sub-item 4.5.2 of this PB.

4.5.4. The maximum response time for the supply of parts by the CONTRACTING PARTY, when approved by the Monitor, is 15 (fifteen) days, starting on the date of notification of the CONTRACTED PARTY.

4.5.5. For the services established in the Object of this PB, the maximum TAT from BACE/BACW- Repair Workshop- and back to BACE/BACW is 90 (ninety) calendar days for repairs, starting on the date on which notification is received by the CONTRACTED PARTY that the budget has been approved by the CONTRACTING PARTY.

4.5.6. For the performance of the services under warranty, the CONTRACTED PARTY shall have 90 (ninety) calendar days, when the service is performed abroad, starting from the date of notification.

4.5.7. Any delay to the above timelines must be recorded and justified, in writing, by the CONTRACTED PARTY, through the Contract Monitor, with at least 5 (five)

business days' notice before the timeline expires.

4.5.8. All mandatory technical directives, to be incorporated in the items, components and accessories, shall make up the total repair amount to define the BER and must be notified to the Contract Monitor, for approval, with at least 10 (ten) business days' notice, through official notification, before implementation.

4.5.9. If the part to be returned to the BACE/BACW is causing the AOG status, the company must draft an exchange proposal for the CONTRACTING PARTY, in accordance with item 9.3 of this Basic Project Plan.

4.5.10. The components shall be delivered, after completing the service, to the following addresses:

BRAZILIAN AERONAUTICAL COMMISSION IN LONDON 16 GREAT JAMES STREET - LONDON – UNITED KINGDOM CEP: WC1N 3DP
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON 1701 22ND STREET, N.W. - WASHINGTON, D.C. - USA CEP: 20008

4.5.11. In case of AOG or other superseding reason, at the CONTRACTING PARTY'S discretion, affecting a flight mission or the planning of any upcoming mission, the CONTRACTING PARTY may request delivery of the item causing the AOG status at a different location than that listed in item 4.5.10, as the CONTRACTING PARTY takes over the transportation cost, which shall be covered as an additional service.

5 CONTRACT JUSTIFICATION

5.1. The purpose of this contract is to reduce the Turn Around Time for repairable items (TAT), thus ensuring availability indices set forth by COMAER for the projects addressed by this Basic Project Plan. The optimization of the flow of



repairable items implies a savings by not acquiring a high number of high-cost items to keep in stock, thus significantly cutting back expenses. Reducing Turn Around Time for components which may become unavailable, and the prompt restoration of airworthy condition in these aircraft strengthens COMAER's combat capacity, and increases its ability to respond to emergency situations in Brazil.

5.2. The permanent availability of overhaul and repair services in repairable components for the projects listed in the Object of this Basic Project Plan, belonging to the Brazilian Air Force, aim to recover items whose maintenance is not performed internally by PAMAs workshops and which- due to lack of human resources and assets in this Military Organization, need to be repaired by external companies.

5.3. Neither PAMAS nor the Brazilian industrial depot have full qualification and accreditation for these services, given that such investments would be extremely costly versus the demand, and as such could not be justified.

5.4. The aircraft fleet listed in the Basic Project Plan is equivalent to 178 (a hundred and seventy-eight) aircraft. It includes aircraft destined to air instruction for the training of new FAB pilots, such as the transportation of troops and realization of Law and Order Enforcement missions (GLO). It is therefore essential to maintain the logistic supply chain in order to maintain FAB's instruction and operational status.

5.5. It was decided to divide the Object into systems/ATAs, in order to explore the greatest possible competition.

6 EXECUTION REGIME

6.1. The services addressed by this Basic Project Plan must be carried out through indirect execution, as a unit price contract.

7 TIMELINES

7.1 Validity Term

The valid term for the performance of the Object of this Basic Project Plan is 42 (forty-two) months, starting on the date of contract signature.

7.2 Execution Period

The period for the execution of the object of this Basic Project Plan is 34 (thirty-four months), starting on contract signature date.

7.3 Receipt Period

Services shall be temporarily received within a 15- (fifteen-) day timeframe, starting on the date of the components' arrival at the BACE/BACW. By COMREC at the BACE/BACW, for the purpose of later verification of their conformity with the descriptions contained in the Basic Project Plan and in the Proposal, and must be recorded in a detailed report, to include a log, analysis and conclusion regarding contract events and other documents deemed necessary, then sent to the contract monitor.

The services may be rejected in full or in part if they do not comply with the specifications contained in this Basic Project Plan and in the Proposal, in which case they must be replaced/corrected/newly delivered within the timeframe established by the contract monitor, at the Contracted Party's expense, without excluding the application of penalties.

The services shall be definitively accepted within a 20 (twenty-) day period, starting from temporary receipt, after the quantity and quality of the material has been verified and thereafter accepted through the relevant document.

"Should it be verified that the process described in the previous item does not occur within the established timeframe, it shall be considered completed with the final receipt occurring when the deadline expires."



7.4 Payment Terms

The deadline for paying invoices shall be 30 (thirty) calendar days, starting on the date on which the final acceptance certificate is issued by COMREC.

8 DELIVERY PERFORMANCE LOCATION

The services addressed by the Object of this Basic Project Plan shall be performed at the CONTRACTED PARTY's premises or Workshops certified by FAA, ANAC, EASA or similar agency accredited by the competent Aeronautical Authority.

9 COST ESTIMATES FOR REFERENCE PRICES AND PROPOSAL SUBMISSION

9.1 General procedures

Dividing the contract into lots per ATA satisfies the requirement to break the Object up into the greatest number of installments, as established by the TCU:

:

"(...) 9.2.11. There is no conflict between paragraphs 1 and 5 of Art. 23 da Lei nº 8.666/93, which must be interpreted as a whole: the first paragraph describes division into installments as a rule to follow in carrying out several bids, or one bid awarded by sets or lots; the fifth paragraph, on the other hand, addresses the bidding modality to be undertaken for each installment into which the object of a bid is divided"; (...) (TCU, Proc. n. 028.256/2013-1, Request from National Congress (SCN), Ruling n. 1.540/2014, Plenary, j. 11/06/2014, Rel. Min. Walton Alencar Rodrigues).

As observed further ahead, a single bid was chosen, to be awarded by sets or lots, taking into account that aircraft manufacture entails a high degree of complexity with items and subitems required for their composition.

The logistic management of separate lots allows the Administration to significantly reduce the risk of unenforceability or non-execution of the contract, affecting aircraft availability, given that the repair workshop for each lot manages the administration of the entire supply chain, involving acquiring inputs for the repair of the item.

Thus, the division into lots becomes the most advantageous option, within the principles of efficiency and reasonableness, for the Administration and public interest.

9.1.1. In order to perform a price survey IN SLTI/MPOG 5/2014 was followed, as amended by Normative Instruction n° 3, dated April 20, 2017, which governs the administrative process for the realization of price surveys and the purchase of goods and contracting of services in general, *in verbis*:

"Art. 2º Price surveys shall be conducted by using the following parameters:

[...]

"III – a survey published on specialized media, specialized websites of ample domain, provided that they supply date and time of access or

IV- a survey with the manufacturers, provided that the dates of inquiry are not further apart that 180 (one hundred and eighty) days ..."

[...]

§2º As a methodology for obtaining reference prices for the contract, the average, median or lowest amount obtained in the price survey shall be used, provided that the calculation takes a minimum of three or more amounts into account, having obtained them according to the parameters described in this article, discarding inviable or excessively high prices.

[...]

§3º Other criteria or methodologies may be used, if duly justified by the competent authority."

[...]



9.1.2. Therefore, in order to comply with the above legal frame, a price survey was conducted (Attachment A) for the purchase prices of the repairable items based on SILOMS logs, using the data entered into said system and the amount from the last purchase performed by FAB (on the date of completion), and the price gained from the Federal Logistics Information Service (FLIS) issued by Defense Logistics Agency (DLA)- which is an online search system for various public segments of the US Federal Logistic Database. This methodology was used given the difficulty of obtaining prices for parts used in FAB aircraft which have been active for over 30 years, whose supply chain, however, is in large measure inactive

9.1.3. As a parameter for the reference price to serve as maximum indicator for the price of the service to be performed, the average of the prices obtained, as per the methodology referenced in the above sub-item is equivalent to the market price of items for sale. Thus, the cost of repair for these items must necessarily be lower than the market price to purchase them. Therefore, for the purpose of performing the services listed in this Basic Project Plan, the Administration divided the services between Overhaul and Repair.

The difference lies in the degree of intervention to be completed. Overhaul services entail a higher concentration of material and labor, while repair services entail lower amounts of material and labor.

Na estimate of the amount and frequency of services was based on the item repair log in SILOMS. The outcome of the survey suggested 30% of repairs fall under the overhaul category, 50% qualify as repair, 15% as small repair, while NFF is restricted to 5% of the events.

For Overhaul services, the maximum reference amount shall be 70% of the average purchase price of a new item, as per COMAER ICA 66-13.

For smaller repair services, the maximum reference amount shall be 40% of the average purchase price of a new item.

For small repair services, the maximum reference amount shall be 20% of the average purchase price of a new item.

For NFF items, the reference amount will be 5% of the average purchase price of a new item.

The above percentages aim to establish a ceiling to ensure a guarantee of service enforceability, as well as setting an upper limit for the entire Administration, allowing to ascertain whether it is more advantageous to perform a particular service or purchase a new item.

9.1.4. The number of repairs listed in Attachments A and C is merely an estimate/expectation of repairs which may be performed based on the log of repairs performed under each Aeronautical Project. IT DOES NOT, THEREFORE, GENERATE AN OBLIGATION FOR THE CONTRACTING PARTY TO PERFORM THE REPAIRS LISTED IN ATTACHMENTS A and C, IN OTHER WORDS, THE AMOUNT OF REPAIRS COULD BE LOWER OR HIGHER, DEPENDING ON THE AIRCRAFT OPERATION/DEMAND.

9.1.5. Some amounts researched in SILOMS are much lower than current market price. These amounts were excluded from the average to calculate the estimate, as per IN SLTI/MPOG 5/2014, as amended by Normative Instruction n° 3, dated April 20, 2017.

9.2 Cost of services listed in the Object of this PB

9.2.1. The number of man-hours (H/H) shown in the estimates must include the following labor costs: application of technical directives, performance of disassembly, assembly, cleaning, restoration, recovery services, parts structural repair, calibration, measurement, trials on the testing bench, workbench, anti-corrosive, chemical, thermal, mechanic treatments, lab analysis, galvanoplastic baths, paint reviews, general painting, intervention, modification and preparation of engineering projects, updating log books for components or service logbooks for components and accessories, drafting and issuing technical evaluations, preservation, packaging, warehousing, transportation and customs clearance, as

well as other services, which are not detailed here, but will be required for performance, completion and delivery of the services at hand.

9.2.2- Material:

9.2.2.1- Final costs of materials included in the estimates must include the following: purchase of material to be applied in technical directives, as well as further inputs, which are not detailed here but are necessary for the performance, completion and delivery of the services at hand.

The final cost of material must also include all charges, surcharges, taxes, in addition to the following costs: purchase of tools, testbeds, support equipment, technical publications, sealing, lubricant, and cleaning products, as well as paint and fuel.

9.3 Criteria for Budget Approval for the purpose of EXCHANGE

9.3.1. In the EXCHANGE of repairable components from major sets, the CONTRACTED PARTY must use the Market Price List (the Manufacturer's Price List) or- in its absence- any market list pertaining to aviation, as long as it is accepted by the CONTRACTING PARTY, and it may add a fee of no more than 1% (one per cent) to the amounts listed in the Price Lists, as a PRORATA FEE (P); the Price List must be submitted to the CONTRACT Monitor for prior approval. New equipment need not be received in exchange;

9.3.2. Should the CONTRACTING PARTY opt to EXCHANGE equipment still under warranty, the PRORATA FEE shall not apply;

9.3.3. The amount to be paid by the parties shall be calculated proportionally, based on the hours/months/cycles of its equipment, per items below;

9.3.4. If there are also new components with an expired TBO installed on this equipment, then availability must be calculated for each component, and the

PRORATA FEE shall apply accordingly, as well as the proportional payment of availability of hours/months/cycles for the component;

9.3.5. If the CONTRACTING PARTY chooses to provide components with expired shelf life, additional costs shall not apply; and

9.3.6. To calculate discounts on the price of a part, sub-item to be exchanged, based on its hour availability, the following formula shall be used:

a) If the part has TLV:

$$\text{VCP} = \frac{\text{VFT} [(\text{TLV} \times \text{P}) + (100 \times \text{TSN})]}{100 \times \text{TLV}}$$

VCP= discount amount calculated over a part.

VFT= part's fixed price, per manufacturer price list.

P= PRORATA FEE to be charged (absolute number, in other words 1% = 1).

TLV= number of hours/months/cycles for the removal of the component due to its operational limitation.

TSN= number of hours/months/cycles used by the equipment since new.

b) If the part has TBO:

$$\text{VCP} = \frac{\text{VFT}[(\text{TBO} \times \text{P}) + (100 \times \text{TSO})]}{100 \times \text{TBO}}$$

VCP= Discount amount calculated over a part.

VFT= part's fixed price, per manufacturer price list.

P= PRORATA FEE to be charged (absolute number, in other words 1% = 1).



TBO= number of hours/months/cycles established for the equipment's general overhaul.

TSO= number of hours/months/cycles used by the equipment since the last general overhaul.

9.3.7. In order to calculate the final amount of a component or accessory, the following calculations must be performed:

a) If the item possesses TLV, the discount for item use must be calculated through the following formula:

$$\text{Disc (TLV)} = \frac{\text{VFTM} \times (\text{TLV} - \text{TSN})}{\text{TLV}}$$

Disc (TLV)= discount amount calculated based on use of an item with TLV.

VFTM= item fixed amount, based on manufacturer price list.

TLV= number of hours/months/cycles established for the removal of the component due to its operational limit.

TSN= number of hours/months/cycles used by the equipment since new.

Note.: if the item does not have TLV, then Disc (TLV)= 0 (zero).

b) If the item has TBO, the discount amount must be calculated based on use of the item after general overhaul, according to the following formula:

$$\text{Disc (TBO)} = 70\% \times \text{VFTM} \times \frac{(\text{TBO} - \text{TSO})}{\text{TBO}}$$

Disc (TBO)= discount amount calculated based on use for an item with TBO.

VFTM= Item fixed amount, based on manufacturer price list.

TBO= number of hours/months/cycles established for general overhaul of equipment.

TSO= number of hours/months/cycles used by equipment since last general overhaul.

Note: if the item does not have TBO, then Disc(TBO)= 0 (zero).

c) Based on the amounts calculated in the previous items, TLV and TBO discounts must be subtracted from the Component amount, as well as the discounts based on the use of parts:

$$VCTM = VFTM \times [(100 + P) / 100] - \text{Disc (TLV)} - \text{Disc (TBO)} - (VCP_1 + VCP_2 + \dots + VCP_n)$$

VCTM= total amount calculated.

VFTM= fixed item amount, based on manufacturer price list.

P= PRORATE FEE to be charged (absolute number, i.e. 1% = 1).

Disc(TLV)= discount amount calculated based on use of an item with TLV.

Disc(TBO)= discount amount calculated based on use of an item with TBO.

VCP_n= discount amount calculated for each (n) part or component installed with an expired TBO or TLV.

9.3.8. In order to calculate the final amount of a complete piece of equipment which is not new, as opposed to input parts as described in the above items, the calculation for an Item "Exchange" shall not exceed 70% of the Price List amount,



where the ownership of the component to be repaired shall be transferred to the CONTRACTED PARTY and ownership of the item received in "Exchange" shall be transferred to the CONTRACTING PARTY, subject to the CONTRACTING PARTY'S approval.

9.4 Non-Approval of the Estimate

9.4.1. If the CONTRACT Monitor does not approve the estimate issued by the CONTRACTED PARTY to the CONTRACTING PARTY, the CONTRACTED PARTY must return the repairable item to the BACE/BACW, per INCOTERMS described in Item 15;

9.4.2. In this case, the CONTRACTED PARTY may request that the CONTRACTING PARTY pay for costs associated with transportation and estimate preparation, where it is the CONTRACTED PARTY's responsibility to prove the expenses it claims; and

9.4.3. It is established in this PB that the maximum amount to be paid by the CONTRACTING PARTY to the CONTRACTED PARTY in case of non-approval of the estimate shall be 10% of the amount of said estimate. The CONTRACTED PARTY must submit a final estimate per the terms of sub-item 9.4.2, subject to approval by the CONTRACTING PARTY.

10 Proposal Submission and Ranking Criteria

10.1. The companies participating in the bid must submit a proposal in accordance with the table in Attachment C.

10.2. The future CONTRACTED PARTY/PARTIES shall be chosen based on lowest global price for each repairable system (ATAS).

10.2.1. In this manner, the bid may be awarded to different company for each repairable ATA. Attachments A and C represent the estimate repair quantity.

10.2.1.1. As illustrated above, the percentages used to estimate material and labor costs for each instance of repair, per Attachments B and C, were established in accordance with ICA 66-13, item 3.4.7 and item 3.4.8. as well as based on the FAB's experience in this type of service, and on the guideline that the limit for any component "overhaul" shall be 70% of the item's market price, the limit for repair service shall be 40%, and the limit for small repair shall be 20% (any repair service more expensive than this percentage shall be deemed uneconomical) and the limit shall be set at 5% for NFF and other expenses associated with transportation and AOG, as established in Art. 40, X, of Law 8.666/93, adding a price reference for the purpose of establishing a parameter, as required by Art. 48 of Law 8.666/93 for the enforceability of the service.

10.2.2. [Costs] above 70% of the cost of a new part shall be rejected, whereby an "Exchange" may occur, and the estimate must be discussed on a case-by-case basis, and agreed upon between the CONTRACTING PARTY and the CONTRACTED PARTY. Only in exceptional cases, such as the obsolescence of the part, shall the CONTRACTING PARTY authorize services over 70% of the market price for a new item, all of which must be recorded in writing.

10.2.3. The bidders shall compete against each other, by providing amounts for each part of the proposal under "Overhaul", Repair, Small Repair and NFF, to reflect the percentages illustrated above and according to a Flat Rate principle. They are required to fill in the tables provided in Attachment C and each table/System/ATA shall have a winner, thus ensuring the greatest degree of competition.

10.2.4. The items submitted for repair and marked as "No Fault Found" (NFF) by the CONTRACTED PARTY shall not be paid by the CONTRACTING PARTY, if the annual NFF amount is lower than 10% of the annual item quantity sent to the CONTRACTED PARTY starting on the date of contract signature. If this quantity



exceeds 10% annually, higher costs obtained from NFF shall be supported by the CONTRACTING PARTY as additional services.

10.2.5. The parts which make up every repairable system (ATA) are listed in Attachment C and are equivalent to those with a repair frequency within a five-year period.

10.2.6. If there is a component which is not listed in the Attachments, but is part of the aircraft manual, the service shall be performed as a flat rate obtained from the average of prices for the respective System/ATA to which it belongs.

10.2.7. There are no restrictions for participation in more than one specified ata, provided PB requirements are met.

10.2.8. For bidding purposes, the Attachment list (each ata) includes repairable parts which have undergone repair. The source for the survey includes inquiry performed in SILOMS.

10.3. The total price for each ata shall be calculated as the Total Price sum for services related to item 9 of each system part, taking into account the Flat Rate established by the Administration. The Total Price shall be calculated based on the service cost for each system part (submitted by a participating company), multiplied by the estimated number of items undergoing repair over a 42-month period (Attachment C):

$$PG(i) = \sum PTRG (i) = \sum [PRGR(i) \times QTD(i)]$$

PG(i) = System/Ata Global Price

PTRG(i) = Global Price of services listed in the object of this PB

PRG (i) = General Overhaul Price and repair amount for each system/ata.

QTD(i) = Quantity to be overhauled every 5 years for each ata/system item.

11 TECHNICAL GUARANTEE

11.1 Description of Conditions

11.1.1. All components in transit, storage or being serviced by the CONTRACTED PARTY must be covered by insurance, guaranteeing their reimbursement to the CONTRACTING PARTY at market price.

11.1.2. If a flaw is found in a repairable component, within its warranty period, the CONTRACTED PARTY must transport it from the PAMAs to its WORKSHOP at no cost to the CONTRACTING PARTY. This transportation must be completed within (three) business days of the CONTRACTED PARTY's notification by the Contract Monitor about the repairable component's availability.

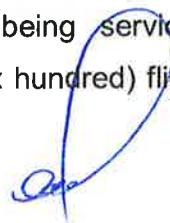
11.1.3. Once the material is received at its WORKSHOP, the CONTRACTED PARTY must start work in the repairable components, kept under warranty within 5 (five) business days.

11.1.4. Once guarantee status is confirmed, the CONTRACTED PARTY must complete the services within 40 (forty) business days, starting on the date on which the materials were received at its WORKSHOP. The CONTRACTED PARTY must inform the Contract Monitor if it exceeds the deadline.

11.1.5. The CONTRACTED PARTY shall provide the technical guarantee for the repairs or services performed, or for any other material delivered to the CONTRACTING PARTY; if they present a flaw, the CONTRACTED PARTY must perform additional repairs, using its own labor, at no cost to the CONTRACTING PARTY.

11.1.6. The Company must issue a Certificate of Conformity (CoC) for the services performed, ensuring that all procedures completed comply with the provisions of the Manufacturer's Manual for repairable components.

11.1.7. Components installed on the aircraft after being serviced by the CONTRACTED PARTY must be guaranteed for 600 (six hundred) flight hours or



600 (six hundred) cycles, whichever occurs first, to include all timeframes starting with the first use of the aircraft.

12 RECEIPT CONDITIONS

12.1. The services addressed by this Basic Project Plan must be received by COMREC, in accordance with ICA 65-8 and with the Technical Orders issued by the manufacturer of the repairable components;

12.2. The following documents must be provided with the material, after service is completed, in addition to other specific documents needed on a case-by-case basis:

12.2.1. Invoice;

12.2.2. Duly updated service log for material components and accessories, listing the services performed and the Service Bulletins incorporated;

12.2.3. Duly updated material LogCard, listing all services performed, as well as Service Bulletins and Technical Directives integrated;

12.2.4. A Technical Report describing the inquiry into the issue, if present, and the solutions applied;

12.2.5. A list of all components replaced (PN, nomenclature, quantity);

12.2.6. A duly completed SEGVOO 003 form, submitted with test logs in performance charts; and

12.2.7. A Guarantee Certificate for installed material and components, after service is completed.

12.3. It is COMREC's task to:

- a) Observe and perform, when applicable, all procedures established in ICA 65-8 and ICA 66-13;

- b) Receive and check Invoices and, if approved, submit them to PAMAS' Payment Department, alongside a Final Acceptance Certificate, for payment processing. In case of discrepancy, they should be returned for the proper corrections, with a letter clarifying the reasons for return; and
- c) Ensure that all Invoices must pertain to services, detailing number of Man Hours, as well as cost of material applied. All supporting documents for materials applied must be attached to the Invoice, for validation by COMREC.

12.4. At any moment, during CONTRACT execution, the CONTRACTED PARTY or its WORKSHOP shall be subject to auditing by the CONTRACTING PARTY, for the purpose of checking its service, checking the CONTRACTED PARTY'S technical capacity or any other administrative matters connected to the object of this Basic Project Plan.

13 TECHNICAL QUALIFICATION WHICH MAY BE REQUIRED OF COMPANY

13.1. Given the complexity of the services addressed by this Basic Project Plan, its execution shall require proper technical qualification of the CONTRACTED PARTY, to include the certification listed below:

- a) Proof that its corporate objective ("main activity") is consistent with the purpose of this bid;
- b) Proof, through submission of a certificate issued by the competent federal air and space or military agency- including the FAA (Federal Aviation Administration), or ANAC (Brazil's National Civil Aviation Agency), DIRMAB (Directorate of Aeronautical and Warfare Material), or other equivalent agency, of its qualification to render the services addressed by this Basic Project Plan.



- c) Statement that it possesses the test beds, equipment, measuring devices, and common and special tools needed per manufacturer manual specifications, in the quantity and quality required for the services described in this Basic Project Plan;
- d) Statement that it possesses the general overhaul manuals and other manuals required for the services listed in the Object of this PB, as well as the parts catalogues required to perform the services described in this Basic Project Plan, in accordance with the most recent index issued by the component manufacturers, in addition to owning a contract for the update of said manuals, stipulated with the manufacturers or with manufacturer-approved companies;
- e) Statement that it possesses, within its professional cadre, at least one individual holding Technical Responsibility for Service Quality;
- f) Statement that it possesses qualified technical staff to perform the services described in this Basic Project Plan;
- g) Statement that the above professional(s) must participate in the services addressed by this Basic Project Plan, through a signed commitment;
- h) Commitment to replacing any professionals only with others of equivalent or greater experience, provided the replacement is approved by the MONITORING [TEAM], through an official statement by the CONTRACTED PARTY;
- i) Certification by RBHA 145, from ANAC, is considered equivalent to the certification described in this Guidelines, provided it includes all the services targeted by the supplying organization (§ 5.2, ICA 65-36/2008). This equivalence also extends to Maintenance Service certificates, issued by Government Certifying Organizations recognized by ANAC (§ 5.2.1, ICA 65-36/2008) or other similar body abroad;
- j) Submit and maintain throughout contract validity a Maintenance Company Certificate, according to ICA 65-36, enabling it to perform all levels of

aeronautical maintenance contemplated by this Bid Notice on them the repairable components;

- k) Submission of the methodology it shall use to perform the services, which shall serve as the basis for its evaluation and acceptance, based on the objective criteria previously established by the department tasked with the Basic Project Plan;
- l) The CHT and CHE must be submitted according to the requirements of ANAC RBHA 145 or other similar government agency; and
- m) Submit proof that it has undersigned a commitment to the provisions of FAA-AC-56 or the equivalent regulations by another government, regulating the services described in this PB for repairable components.

13.2. Subcontracting:

13.2.1- Subcontracting more than 50% of the services addressed by this PB shall not be permitted to the CONTRACTED PARTY.

14 MONITORING

14.1. A CONTRACT MONITOR must be appointed by the CONTRACTING PARTY, in accordance with ICA 65-8 and ICA 12-23.

14.2. It is the Contract Monitor's responsibility to:

- a) Observe and perform, where applicable, all procedures established in ICA 65-8 and ICA 66-13;
- b) Oversee the unfolding of all services addressed by this Basic Project Plan;
- c) Check, in a systematic and accessible manner, all warranty periods for the guarantees performed by the CONTRACTED PARTY;



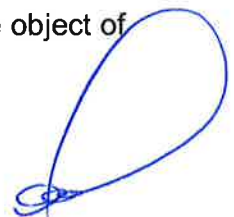
- d) Receive the estimates, compare them with the actual unfolding [of services], certify them and submit them for evaluation to the Chief of TCTR at PAMAS and Chief of TTEC, for final approval by the Expense Supervisor;
- e) Submit for evaluation to TTEC at PAMAS, via fax or official letter, all technical directives to be incorporated in the engines, components and/or accessories, for final approval by the Expense Supervisor. Intercede to ensure these evaluations do not exceed 7 (seven) business days;
- f) Submit for evaluation by TTEC at PAMAS all proposals, requests for clarification, discrepancies and difficulties encountered during the performance of the contract requiring proof, evaluation and/or decision, for final approval by the Expense Supervisor;
- g) Ensure that all Invoices refer to services, and include the number of man hours, amount of man hours used and the cost of materials applied. All supporting documentation for applied material must be attached to the Invoice, for validation by COMREC; and
- h) Issue, until the fifth day of the following month, a Contract Status Report, in accordance with ICA 65-8, sending a copy via ACI at PAMAS and keeping another filed with COMREC.

14.3. The CONTRACTED PARTY must appoint a Program Manager for global management of activities, contract oversight and representation before COMAER/MONITORING.

15 GENERAL OBLIGATIONS

15.1 For the CONTRACTING PARTY

15.1.1. All communication with the CONTRACTED PARTY regarding the object of this PB must be submitted in writing via the Contract Monitor.



15.2 For the CONTRACTED PARTY

15.2.1. All services performed by the CONTRACTED PARTY, including subcontracted services, shall be under the CONTRACTED PARTY'S responsibility and must be carried out in accordance with the CONTRACT;

15.2.2. Any damages or losses caused to the CONTRACTING PARTY or to third parties, in connection with CONTRACT performance, shall be under the CONTRACTED PARTY'S responsibility;

15.2.3. The CONTRACTED PARTY must provide all information and data pertaining to the CONTRACT and to the services provided within 2 (two) business days, in writing, when so requested by the Monitoring team;

15.2.4. The CONTRACTED PARTY may not supply or submit to third parties any information or data concerning the execution of the CONTRACT or the components belonging to the CONTRACTING PARTY;

15.2.5. The CONTRACTED PARTY may not perform any service without first issuing an estimate, subject to formal approval by the Monitor, authorizing it to begin execution;

15.2.6. The CONTRACTED PARTY may only address CONTRACT execution with the Contract Monitor, unless it is authorized to do so in writing by the CONTRACTING PARTY'S EXPENSE SUPERVISOR;

15.2.7. The CONTRACTED PARTY must comply with all the timelines established in the CONTRACT;

15.2.8. The warehousing, storage, packaging, safekeeping and security of materials stocked at the CONTRACTED PARTY'S facilities, whether provided by the CONTRACTED PARTY or by the CONTRACTING PARTY, shall be the CONTRACTED PARTY'S exclusive responsibility, and the respective records must be made available upon request to the CONTRACTING PARTY via Contract Monitor;



15.2.9. All transportation for the delivery and receipt of repairable components in this Basic Project Plan shall be carried out by the CONTRACTED PARTY as INCOTERM 2010, DAP modality.

15.2.10. All costs shall be borne by the CONTRACTED PARTY when a part classified as inadequate for use is delivered, in which case the CONTRACTED PARTY is required to Exchange it immediately to avoid compromising project availability, per terms of sub-item 9.3 in this PB.

15.2.11. The CONTRACTED PARTY must provide all bureaucratic processes, in the country in which the services of this PB are performed, which are required to issue or release an END-USER Certificate, whereas the CONTRACTING PARTY shall only be required to provide the information necessary for the final ratification of the END-USER.

16 PERFORMANCE METRICS

16.1. For the purpose of metrics oversight, timekeeping for customer service shall start when the ASSETS are delivered by the CONTRACTING PARTY to the CONTRACTED PARTY at the BACE/BACW, in accordance GMM- Material Movement Record, and shall end when the parts are received at the BACE/BACW's premises, or other location shown in the request, through supporting documentation.

16.2. Timekeeping shall end when the ASSETS are delivered to the CONTRACTING PARTY and must be officially documented, through the GMM adequately received by the addressee or other document to be agreed upon between the PARTIES.

16.3. Turn Around Time (TAT):

16.3.1. TAT shall begin when the REPAIRABLE COMPONENT is received by the CONTRACTED PARTY at the BACE/BACW, until the time when the parts are delivered to the BACE/BACW, after completion of the services described in this PB.

16.3.2. Metrics for the TAT of the materials shipped must be monitored on a monthly basis, as well as every six months, based on average described below:

- a) 90 (ninety) days for overhaul, for overhauled/repared materials;
- b) If the CONTRACTED PARTY should exceed the TAT for a given material, and the flaw in this item leads to AOG, IPLR or AIFP status, the company must immediately replace the ITEM via EXCHANGE, under penalty of a daily fine equivalent to 1% of repair amount.
- c) TAT timekeeping/metrics shall be individualized per repairable item and the fine shall be applied individually.
- d) Keeping track of lost time (TCP) for consumption items shall follow this formula:

TAT = (Date /Time of material delivery to the Contracting Party (BACE/BACW) – (Date / Time of Receipt of the ITEM by the CONTRACTED PARTY for transportation).

16.3.3 If the established TAT above is exceeded, as well as the guarantee TAT, the CONTRACTED PARTY shall be penalized as follows based on the invoice to be paid by the CONTRACTING PARTY:

DELAY	PENALTY
UP TO 10 DAYS	3%
10-20 DAYS	5%
20-30 DAYS	10%
30 DAYS OR MORE	20%

17 ADDITIONAL SERVICES

17.1. In case of items under Exchange with payment by the CONTRACTING PARTY, the CONTRACTED PARTY must submit an estimate, in accordance with sub-item 9.3 of this PB.

17.2. The estimated amount for additional services shall be 25 % of total repair amount, per Attachment B, taking into account the frequency of aeronautical

services for costs associated with NFF, Item Exchange, AOG, damages caused by the CONTRACTING PARTY and FOD.

17.3. The amount includes US\$ 15.941.672,67 (fifteen million, nine hundred forty-one thousand, six hundred and seventy-two dollars and sixty-seven cents) over a period of 42 (forty-two) months.

17.4. The above amount represents a mere expectation, as it depends on the events detailed in no item 17.2 which are unpredictable by nature. For example, collision with birds is not a frequently occurring event, yet one knows it will occur from time to time, as it is part of the risk associated with aeronautical activity.

18 BUDGET ALLOCATION AND DELIVERY AND PAYMENT SCHEDULE

18.1. The estimated total amount to be paid to the CONTRACTED PARTY for all the services specified in this Basic Project Plan, in addition to taxes and fees, shall be US\$ 79.708.363,35 (Seventy-nine million, seven hundred and eight thousand, three hundred and sixty-three dollars and thirty-five cents)

18.2. The work schedule may be unilaterally altered by the CONTRACTING PARTY, without prior approval by the CONTRACTED PARTY, in accordance with the needs and availability of budget resources.

18.3. Invoicing shall be processed separately for each service rendered and accepted by the CONTRACTING PARTY.

18.4. The repairable components shall be released for the performance of services by the CONTRACTING PARTY, within the availability of financial resources and needs, in order to fulfill the delivery and payment schedule.

18.5. The expenses associated with this Basic Project Plan shall be borne in accordance with the following budget classification: Program 2058 – National Defense, Action 2048 – Aircraft Supply and Maintenance, or other action available, Nature of Expense 339039 – Other Services for Third Party Legal Entity.

18.6. Annual Disbursement Schedule:

18.6.1. The annual disbursement schedule for budget resources is established based on the estimated contract amount, as follows:

ESTIMATED ANNUAL DISBURSEMENT SCHEDULE	
FISCAL YEAR	DISBURSEMENT (US\$)
2018 – 2019 (6 months)	13,284,727.23
2019 – 2020 (12 months)	26,569,454.45
2020 – 2021 (12 months)	26,569,454.45
2021 – 2022 (6 months)	13,284,727.23
TOTAL	79,708,363.35

19 MANNER OF PURCHASE

19.1. The generation of a contract pursuant to this document shall occur via a bid, to be carried out by the BACW, and it shall be awarded based on lowest global price per ATA.

19.1.1 Historically, the services addressed by this PB shall be performed by companies abroad, via BACE/BACW requisitions. The choice of a bidding forum abroad aims to increase competition, thus selecting the most advantageous proposal for the Administration, in order to reduce similar transportation costs.

19.2. Hired services must be performed upon request, as indirect execution, under unit price contract modality, due to the fact that different modules may be requested in different amounts at different times.

20 GUARANTEE OF EXECUTION



20.1. The CONTRACTED PARTY must provide a guarantee in the amount of 5% (five percent) of the contract amount, as established in Art. 56. of Law 8.666/93.

21 SUBJECTIVE MODIFICATION

21.1. The CONTRACTED PARTY's merger, split or incorporation with another legal entity is allowed, provided that the new legal entity complies with all qualification requirements required in the original bid; without compromising the performance of the stipulated object and provided the Administration gives its explicit consent to the continuation of the contract.

22 ENVIRONMENTAL SUSTAINABILITY

22.1. The FUTURE CONTRACTED PARTY must comply with all local laws and norms concerning environmental protection, promoting sustainable actions, and minimizing potential environmental impact caused by the execution of the Basic Project Plan, from the receipt of the spare part until its return to the CONTRACTING PARTY.

22.2. The FUTURE CONTRACTED PARTY shall be responsible for the disposal of materials, in accordance with environmental law.

22.3. Within the recommendations toward environmental sustainability, the future CONTRACTED PARTY shall comply with the criteria listed in Normative Instruction N° 1 (Environmental Sustainability Criteria in the Purchase of Goods, Contracting of Services or Works by Federal government agencies, autonomous institutions and foundations), dated January 19, 2010 by the Logistic and Information Technology Office of the Ministry of Planning, Budget and Management (SLTI/MPOG).

22.4. The CONTRACTED PARTY is also required to comply with noise emission levels, as set forth in Norm NBR-10.151 – Sound Evaluation in Residential Areas

for the purpose of community comfort, issued by the Brazilian Association of Technical Norms– ABNT, or those set forth in NBR-10.152- Noise Levels for Acoustic comfort, by the Brazilian Association of Technical Norms- ABNT, in the terms of CONAMA Resolution N° 01, dated 03/08/90, and related legislation- if located in Brazil, or relevant legislation where the services are performed.

22.5. The CONTRACTED PARTY is further required to abide by atmospheric pollutant emission limits, which shall be governed by CONAMA Resolution N° 436, dated 12/22/2011, or related current legislation where the services are performed.

22.5.1. To this end, the CONTRACTED PARTY must prioritize the use of adequate technologies allowing the reduction of noise levels.

22.6. Should the CONTRACTED PARTY's activities fall within the hypotheses configured in article 20 of 2010 Law 12,305, National Policy on Solid Waste, the CONTRACTED PARTY shall have to issue a solid waste management plan, subject to approval by the competent authority.

22.7. For the drafting, implementation, enforcement and monitoring of all steps in the solid waste management plan, including environmentally adequate final disposal of solids, a technician with due credentials shall be appointed as manager.

22.8. The following forms of final disposal or elimination of solid waste are forbidden to the CONTRACTED PARTY:

- a) Disposal on the beach, in the sea, or any body of water;
- b) Disposal in open landfill, except for mining waste;
- c) Open burning of waste, or burning in containers or installations or equipment lacking the proper license for this purpose; and
- d) Any other manner forbidden by the public authority.

23 ADMINISTRATIVE SANCTIONS



23.1. An administrative infraction according to the terms of 1993 Law nº 8.666 applies to the Contracted Party, which fails to perform -in full or in part- the obligations undertaken with the contract, which causes a delay in the performance of the object, commits fraud in performing the contract, conducts itself inadequately, perpetrates tax fraud, or does not honor its proposal;

23.2. The Contracted Party which commits any of the above infractions shall be subject to the following sanctions, without exclusion of civil and criminal responsibility:

a) A warning for small breaches, i.e. those which do not cause significant damage to the Contracting Party;

b) Tardy fines shall be calculated as follows:

23.2.b.1. For delays of up to 30 (thirty) days, a 0,2 % (two tenths of a percentage point) on the amount of the obligation shall be applied per consecutive day of delay; and

23.2.b.2. Delays between 31 (thirty-one) and 60 (sixty) days shall result in a fine equivalent to 0.4% (four tenths of a percentage point) of the Contract amount, per consecutive day of delay.

23.2.b.2.1. For delays pertaining to the submission of a guarantee (as back-up or due to extension), a fine shall be applied in the amount of 0.07% (seven tenths of a percentage point) of contract amount per day of delay, up to a maximum of 2% (two percent), so that any delay greater than 25 (twenty-five) days shall authorize the contracting Administration to pursue rescission of the contract;

23.2.b.3. Penalties associated with fines caused by different reasons shall be considered independently of one another.

c) Fines for total or partial non-execution of the Contract shall be treated as followed:

23.2.c.1. In any phase or step the Contracted party shall be liable for a fine equivalent to the difference between the price of the new bid to be performed to complete the job or perform the unfulfilled obligation;

23.2.c.2. A delay greater than 60 (sixty) calendar days shall be considered total non-execution of the contract;

23.2.c.3. A 10% (ten per cent) fine on the Contract amount may be applied if the Contracted Party causes the rescission.

23.2.c.4. In case of partial non-execution, the compensatory fine, in the same percentage of the above subitem shall be applied pro-rata for unfulfilled obligation;

d) Suspension from bidding or entering into a contract with an administrative body, entity or unit acting on behalf of the Public Administration, for up to two years;

e) Declaration of unfitness to bid or enter into contracts with the Public Administration, for as long as the reasons which caused the sanction persist, until rehabilitation is made possible before the authority which applied the penalty; such rehabilitation will be granted provided that the Contracted Party reimburses the CONTRACTING PARTY for the damages incurred after the suspension timeframe referenced in the previous subitem has expired;

23.3. The application of a fine does not rule out the possibility that the Administration may unilaterally rescind the contract and apply other relevant sanctions.

23.4. The winning bidder's unjustified refusal to sign the Contract, after being summoned for this purpose, within the timeframe established by the Administration, is paramount to total non-execution of the Contract, subjecting the company to the above penalties.

23.5. The contracted party shall also be subject to the penalties established in



Art. 87, III and IV of 1993 Law n° 8.666:

- a) If the company has received a final sentence due to the practice of fiscal fraud with felonious intent in collection of any taxes;
- b) If the company or professional committed an unlawful act, for the purpose of interfering with the Bid objectives;
- c) If it proves that it is not, in fact, fit to enter into a Contract due to unlawful committed by it.

23.6. The application of any of the above penalties shall occur through an administrative process which shall ensure the Contracted Party's right to adversary system and ample defense, in accordance with the procedure described in 1993 Law N° 8.666/93, and secondly with 1999 Law N° 9.784.

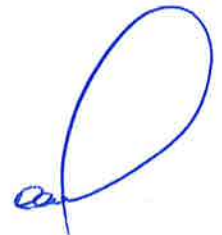
23.7. In applying the sanctions, the competent authority shall take into account the gravity of the offense, the penalty's rehabilitative nature and the damage caused to the Administration, applying the principle of proportionality.

23.8. Fines owed and/or damages caused to the Administration shall be deducted from the payment amounts [owed by it to the Contracting Party] or shall be collected on behalf of the Government or deducted from the guarantee, or- alternatively, when applicable registered as Active Federal Debt and legally enforced.

- a) If the Contracting Party should so decide, the fine must be collected within a maximum timeframe of 5 business days, starting on the notification date, as issued by the competent authority.

23.9. The sanctions herein are independent of one another, and may applied severally, or collectively in the case of fines, without excluding other applicable measures

24 GENERAL PROVISIONS



24.1. The CONTRACTED PARTY must agree to edit the Contract to include repairable components, in addition to those in Attachment A, for services added to the Object of this Basic Project Plan, after it enters into validity, to better suit it to its objectives, based on the following specifications:

- a) Technical Manuals (Illustrated Parts Catalogue, Structural Repair, of the aircraft listed in the object of this Basic Project Plan);
- b) Technical Orders with general information pertaining to the aircraft or any other installed equipment;
- c) Technical Directives;
- d) Manufacturer's Norms and Specifications;
- e) Technical Drawings;
- f) Federal Supply Catalogs (FEDLOG, WEBFLIS, IHS, etc.);
- g) FAA Certificates or similar certificates for parts and materials,
- h) Updated Manufacturers listed in the Technical Manuals.
- i) Aircraft IPC.

24.2. The same situation described in item 17.1 applies to items supplied as alternates or as items superseding the requested item.

24.3. All components supplied by the CONTRACTED PARTY must possess all applicable historic codes such as TSN, CSN, TSO and COC.

24.4. All major sets for the aircraft addressed by the object of this Basic Project Plan are included in the service of this PB.

24.5. The CONTRACTED PARTY must advise the CONTRACTING PARTY where it wishes to deliver the repairable components after the services, either at the BACW or BACE, so that the CONTRACTING PARTY may receive them at these locations.

24.6. All costs involved, except for NFF and Exchange costs, are included in the services listed in the Object of this Basic Project Plan, in the Flat Rate modality.



DISCLAIMER: The English version is a certified translation of the original in Portuguese for information purposes only. In case of a discrepancy, the Portuguese original version shall prevail.

24.7. The CONTRACTED PARTY must submit a quantitative cost breakdown, showing in which manner and at what cost it shall fulfill the services required for this Basic Project Plan, separately detailing direct and indirect costs for the Bidder.

24.8. The CONTRACTED PARTY must submit reference values for all labor involved in the services for this Basic Project Plan. These estimates must be justified by a price formation table.

24.9. The CONTRACTED PARTY must submit the calculation logs for the materials.

ATTACHMENTS

Attachment A – List of Repairable Items and Price Survey;

Attachment B – Reference Prices per ATA; and

Attachment C – ATAS of the Repairable Systems.

São Paulo, May 9, 2018.

WRITTEN BY

LT. COL. ENG. RODRIGO LAMFRE COLMENERO
Chief of FCGP

LT. COL. LEANDRO NÓBREGA LARA
Chief of FCGC-2



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REVIEWED BY:

Brig. Gen. LUIZ AMEDEO IOZZI DA SILVA
Subdirector of SDFC

APPROVED BY:

Maj. Gen. ANTONIO RICARDO PINHEIRO VIEIRA
Director of DIRMAB





Accreditation Form – Annex II

MINISTRY OF DEFENSE
AERONAUTICAL COMMAND
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON D.C.

PAGE 1 of 2

For BACW use only	Date	Receipt
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Part 1 Identification

Company's name

Complete Company's Address

Representative Name

Last Name:

Given Name:

Middle Name:

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Identification Number

E-mail Address

Phone Number

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Part 2 Project Description

Please inform which BATCH is the Bidder bidding on

BATCH	ATA	DESCRIPTION	BIDDING	
			YES	NO
1	12	SERVICING ROUTINE MAINTENANCE		
2	17	UNASSIGNED		
3	19	UNASSIGNED		
4	21	AIR CONDITIONING		
5	22	AUTO FLIGHT		
6	23	COMMUNICATIONS		
7	24	ELECTRICAL POWER		
8	25	EQUIPMENT / FURNISHINGS		
9	26	FIRE PROTECTION		
10	27	FLIGHT CONTROLS		
11	28	FUEL		
12	29	HYDRAULIC POWER		
13	31	INDICATING/RECORDING SYSTEMS		
14	32	LANDING GEAR		
15	33	LIGHTING		
16	34	NAVIGATION		
17	35	OXYGEN SYSTEM		
18	36	PNEUMATIC		
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)		

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Accreditation Form – Annex II

MINISTRY OF DEFENSE
AERONAUTICAL COMMAND
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON D.C.

PAGE 2 of 2

20	46	INFORMATION SYSTEM		
21	53	FUSELAGE		
22	56	WINDOWS		
23	61	PROPELLERS		
24	62	MAIN ROTOR		
25	63	MAIN ROTOR DRIVE		
26	67	ROTORS FLIGHT CONTROL		
27	71	POWER PLANT		
28	72	ENGINE TURBINE		
29	73	ENGINE FUEL AND CONTROL		
30	74	IGNITION		
31	75	AIR		
32	76	ENGINE CONTROLS		
33	77	ENGINE INDICATING		
34	79	OIL		
35	80	STARTING		
36	81	TURBINES		
37	NID	NOT IDENTIFIED		
38	OUTROS	OTHERS		

Part 3 Authentication

Representative printed name

Representative signature

Date of signing

<input type="text"/>	<input type="text"/>
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ATTACHMENT III

AERONAUTICAL LOGISTIC CENTER (CELOG)

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CONTRACT [NUM]/CABW-CELOG/2018

**INVITATION FOR BID 190011/CABW/2019
PAG CELOG 67101.001981/2018-82
PAG CABW 67102.190011/2019-13**



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1. DEFINITIONS	4
2. CLAUSE- OBJECT	11
3. CLAUSE- LANGUAGE	12
4. CLAUSE- CONDITIONS FOR CONTRACT PERFORMANCE	12
5. CLAUSE- CONTRACTED AND CONTRACTING PARTY'S OBLIGATIONS	12
6. CLAUSE- CONTRACT AMOUNT	15
7. CLAUSE- BUDGET ALLOCATION	16
8. CLAUSE- SUBCONTRACTING	16
9. CLAUSE- TIMEFRAMES	17
10. CLAUSE- TECHNICAL GUARANTEE	18
11. DELIVERY LOCATION	18
12. CLAUSE- CHANGES TO THE CONTRACT	18
13. CLAUSE- SUBJECTIVE MODIFICATION	19
14. CLAUSE- PRICE ADJUSTMENT	19
15. CLAUSE- PAYMENT	21
16. CLAUSE- MONITORING	21
17. CLAUSE- RECEIPT OF THE OBJECT	21
18. CLAUSE- FORCE MAJEURE AND FORTUITOUS EVENTS	22
19. CLAUSE- ADMINISTRATIVE SANCTIONS AND PENALTIES	22
20. CLAUSE- LEGAL BASIS	22
21. CLAUSE RESCISSION	22
22. CLAUSE- CHOICE OF LAW	24
23. CLAUSE- NOTIFICATIONS AND CORRESPONDENCE	24
24. CLAUSE- SUSTAINABILITY	25
25. CLAUSE- NUMBER OF COPIES	26

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PAG N° 67102. 190011/2019-13
CONTRACT N° [NUM]/CABW-CELOG/2018

PROVISION OF SERVICES TO INCLUDE THE CALIBRATION, RENOVATION, RECOVERY, AND/OR OVERHAUL, EXCHANGE OF REPAIRABLE COMPONENTS, TECHNICAL DIRECTIVES AND PUBLICATIONS FOR REPAIRABLE COMPONENTS, IN ORDER TO MEET THE SCHEDULED AND UNSCHEDULED INSPECTIONS FOR COMAER'S C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM AND C-105 AIRCRAFT, FULFILLING THE DEMAND FOR THE PRODUCTION OF REPAIRABLE ITEMS AT THE AERONAUTICAL MATERIAL DEPOTS, INCLUDING ADDITIONAL SERVICES, [STIPULATED] BETWEEN THE FEDERAL GOVERNMENT, REPRESENTED BY THE AERONAUTICAL LOGISTICS CENTER, AND COMPANY [NAME OF COMPANY].

The Federal Government through the Aeronautical Logistics Center, located at Av. Dom Pedro I, n° 100 - 3° Andar - Cambuci – CEP 01.552-000 - São Paulo - SP, Brazil represented by **Brigadier LUIZ AMEDEO IOZZI DA SILVA**, in the exercise of his legal attributions, in accordance with Art. 61 of Law N° 8.666/93, henceforth referred to as the CONTRACTING PARTY, and company [CONTRACTED PARTY'S NAME], located at [ADDRESS], ZIP [ZIP CODE], in [CITY, STATE] henceforth referred to as the CONTRACTED PARTY, represented by Mr. [LEGAL REPRESENTATIVE], bearer of Identity Card N° [NUMBER], PAG n° 67102.190011/2019-13, and the final outcome of Bid n° **190011/CABW/2019**, based on the principles of Law N° 8.666/93, Decree n° 2.271/1997 and 2017 MPDG Normative Instruction n° 5, as well as other related legislation, decide to stipulate this CONTRACT and sign this agreement, in accordance with the following terms and conditions:

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1. DEFINITIONS

1.1. In order to facilitate comprehension of terminology and simplify text composition, the following abbreviations and phrases were adopted, with the meanings provided beside them:

1.1.1. MANAGING AGENT. It is the authority overseeing the MANAGING UNIT'S administrative activities.

1.1.2. AIPC: Aircraft Illustrated Parts Catalog, technical publication indicating all Part Numbers used to equip the aircraft, which are necessary for its operation.

1.1.3. DIVISION ('ALA'): FAB Unit destined to coordinate, control and perform logistic and administrative activities needed for the operation of the military organizations it oversees, or deployed military organizations, as well as any military organizations headquartered under its jurisdiction.

1.1.4. ANAC: The Brazilian Government's National Civil Aviation Agency.

1.1.5. AOG: Aircraft on Ground. Phrase used to describe an aircraft which is not fit to continue or resume operations until necessary measures are taken to restore the aircraft's airworthiness. This condition qualifies as maximum priority in processing a spare parts request and/or maintenance action.

1.1.6. ATA: The official records to be taken into account, for the purposes of this Invitation, shall be those specified ATA-100, from the "Air Transport Association of America ", per link "www.s-techhent.com/ATA100.htm", except for the official records pertaining to the engine, propeller or electronic warfare

1.1.7. APPROVED AVIATION AUTHORITY (AAA): shall mean the IFI in Brazil, the Federal Aviation Administration (FAA) in the US, the European Aviation Safety Agency (EASA) in Europe or other agency identified by the CONTRACTING PARTY, and agreed upon in writing with the CONTRACTED PARTY, any other equivalent foreign aviation authority with jurisdiction over the performance of the object contemplated by the Basic Project Plan.

1.1.8. CIVIL AVIATION AUTHORITY. This shall refer to ANAC, in Brazil, or other agency recognized as responsible the Civil Aviation Administration in the country in which the services contemplated here are rendered or received.

1.1.9. BER- Beyond Economic Repair or item whose repair is economically inviable. Expression usually used to define the condition of a spare part or component, whose total repair cost is economically inviable (repair cost higher than 70% of cost of new part- ICA 66-13).

1.1.10. BS/SB Service Bulletin. A document issued by the Component Manufacturer, providing information about the way in which the modification should be performed.

1.1.11. C-95/P95: Code assigned by the Brazilian Air Force to EMB aircraft 110, known as 'Bandeirante'.

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- 1.1.12. C-97:** Code assigned by the Brazilian Air Force to EMB aircraft 120, known as 'Brasília'.
- 1.1.13. C-98:** Code assigned by the Brazilian Air Force to Cessna aircraft 208, known as 'Caravan'.
- 1.1.14. C-105:** Twin turboprop engine developed for tactical military transportation. Code assigned by the Brazilian Air Force (FAB) from the state of AMAZONAS.
- 1.1.15. BACE:** The Brazilian Aeronautical Commission in Europe: London- based logistic Office in charge for foreign supply chain.
- 1.1.16. BACW:** Brazilian Aeronautical Commission in Washington: Washington- based logistic office in charge of foreign supply chain.
- 1.1.17. CELOG:** Aeronautical Logistic Center.
- 1.1.18. CALIBRATION:** Provision of services calibrating an item, for the purpose of restoring it to usable condition, through the application of specific standards, which ensure its correct functioning.
- 1.1.19. SERVICE CENTER:** center for the provision of maintenance to satisfy in full all requirements by the Aeronautical Authority in the State of Country in which the workshop is based, with a license –issued by the Aeronautical Authority and by the aircraft manufacturer- to operate as a workshop for the aircraft listed in the Basic Project.
- 1.1.20. COC:** Certificate of Conformity
- 1.1.21. CHE:** Company Accreditation Certificate, issued by ANAC.
- 1.1.22. CHT:** Technical Accreditation Certificate, issued by ANAC.
- 1.1.23. CMM:** Components Maintenance Manual. Repair Parts Catalogue, with manufacturer description.
- 1.1.24. COMAER:** Aeronautical Command.
- 1.1.25. COMGAP:** General Support Command
- 1.1.26. COMPONENT:** Any independent part, set of parts, subsets, kits or units, whether new or used, with a distinct function which is necessary to operate the aircraft or other related ATA.
- 1.1.27. CONSUMABLE COMPONENT:** A component which is only used once, and which shall be treated in the Basic Project Plan as a Disposable Component.
- 1.1.28. DISPOSABLE COMPONENT:** A component for which there is no authorized repair process or whose repair cost would normally exceed the cost of replacement.
- 1.1.29. ROTATION COMPONENT:** A repairable component in usable condition, which is not installed on the aircraft, however.
- 1.1.30. REPAIRABLE COMPONENT:** A component which encompasses or includes replaceable components, provided their repair is economically viable, and subject to

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rehabilitation and restoration of full operational condition during a shorter time than the shelf life of comparable flight equipment.

1.1.31. COMPONENT IN NON-USABLE CONDITION: A component which is no longer usable or which needs to be removed from the aircraft for repair or general overhaul.

1.1.32. COMREC: Contract Monitoring and Execution Commission, composed by COMAER representatives, appointed to represent it, for the purpose of monitoring execution and receiving the object addressed by the Basic Project Plan with the CONTRACTED PARTY.

1.1.33. "NEW CONDITION": Factory new item which is free from any non-conformity or any type of discrepancy. An item which has undergone overhaul may not be considered new.

1.1.34. MAJOR SET: A repairable set made up of two or more components which are also repairable, whether installed or connected to the whole, fulfilling a specific function for the general operation, subject to an indicator for general overhaul or repair such as TSO, TSN, TBO, CSN, etc.

1.1.35. AIRWORTHY CONDITION: The mandatory safety status required by the Civil Aviation Authority to maintain the aircraft in normal flight operation, based on type of approved project, except as otherwise specified in the Basic Project Plan.

1.1.36. CONTRACTED PARTY: Company responsible for delivering the object of this Basic Project Plan.

1.1.37. CONTRACTING PARTY- the Government- represented by the Aeronautical Command- through the Aeronautical Material Depot (PAMAS).

1.1.38. EXPENSE CONTRACT: For the purposes of the Basic Project Plan, the Agreement which the Public Administration (CONTRACTING PARTY), acting as such, signs with a private or administrative entity (CONTRACTED PARTY), for the performance of the services in question, under the conditions set forth by the Public Administration itself.

1.1.39. CTLA: Aeronautical Logistic Transportation Center.

1.1.40. DA: Airworthiness Directive. It refers to any mandatory directive published by the Civil Aviation Authority, defining actions to maintain the Aircraft's Airworthy Condition.

1.1.41. DIRMAB: Directorate of Aeronautical and Warfare Material.

1.1.42. DOU: Official Gazette.

1.1.43. DRS: Main repair workshop designated by the CONTRACTED PARTY.

1.1.44. EA or "ea.": Unit or "each other".

1.1.45. END USER: End User Statement.

1.1.46. ESM: Supply and Maintenance Squadron

1.1.47. EXCHANGE: Replacement of a repairable item owned by COMAER with another repairable item owned by the CONTRACTED PARTY, provided that an equal, alternative or superior item is offered from its stock, with a quantifiable potential for use, close to the potential

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of the replaced items, added to the cost of overhaul or repair which the item might undergo in this replacement.

1.1.48. F-5M: Name assigned by the Brazilian Air Force to Northrop F-5E Tiger, known as F5.

1.1.49. FAA-AC-56: FAA Rule establishing companies to be certified for each aircraft system (ATA) as per website: www.aviationsuppliers.org/faa-ac00/56.

1.1.50. FAB: Brazilian Air Force

1.1.51. FACTORY NEW: New item which has still not been stocked.

1.1.52. FADT: Technical Directive Analytic Tab. This expression shall refer to the CONTRACTING PARTY'S opinion on the decision to incorporate a Technical Directive issued by a manufacturer in connection with an aeronautical item.

1.1.53. FEDLOG: Federal Logistics Catalogue [US].

1.1.54. FHT: Historic Tab or yellow Tab. This term refers to the document issued by the CONTRACTING PARTY for each aeronautical item with a serial number and must include the following data: aircraft/engine on which it was installed; Date of installation/removal; Partial and full operational hours; Reason for Removal; integrated Technical Directives; Services performed on the item; Date on which services were performed and items replaced.

1.1.55. MONITOR: Administration agent specifically appointed as its representative to monitor and oversee the execution of the Contract, where third-parties may be hired to assist and support him with information pertaining to these duties in situations in which his technical expertise is not sufficient to carry them out.

1.1.55.1. The monitor is responsible for the receipt and delivery of all notifications, estimates and estimate approval.

1.1.55.2. He is also responsible for sending the estimates for approval by the EXPENSE SUPERVISOR to PAMAS.

1.1.56. GLOG: Logistic Group tasked with coordinating, directing and monitoring activities in the maintenance and supply chain in the respective ALA's.

1.1.57. GMM: Material Movement Record. This phrase shall designate the document, issued by the CONTRACTING PARTY, which will accompany the aeronautical item being delivered to the CONTRACTED PARTY to undergo any service.

1.1.58. HANDLING: All additional charges, expressed as a percentage, based on a price or reference amount for purchase of material and relevant financial onus, direct and direct expenses and profit.

1.1.59. H-60L: Aircraft named as S-70 by the manufacturer. It is a medium size two-engine helicopter for attack and utility transportation. It is known within the FAB as H-60L.

1.1.60. H/H (MH) Man hour

1.1.61. HSCA: Component and Accessory Service History

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- 1.1.62.** ICA 65-8: Aeronautical Command Directive on COMREC and Contract Monitor Duties.
- 1.1.63.** ICA-66-13 Aeronautical Command Directive on Maintenance Services in Aeronautical Companies.
- 1.1.64.** IHS: US Federal Catalog- Parts Prices.
- 1.1.65.** INCOTERMS 2010: International Commercial Terms.
- 1.1.66.** INVOICE: Commercial document which formalizes a service interaction occurring abroad, as described in this Basic Project Plan, including quantity, price and payment conditions for commodities [purchased] or services rendered.
- 1.1.67.** LAW nº 8.666: Law dated June 21, 1993, governing Art. 37, segment XXI, of the Federal Constitution, establishing norms for bids and contracts by the Public Administration, in addition to providing other guidelines. It establishes general norms and rules on administrative contracts and bids pertaining to projects, services, including the disclosure, procurement and leases within the authority of the federal Government, the States, the Federal District and Municipalities.
- 1.1.68.** LOG CARD: Historical record
- 1.1.69.** MODIFICATION: Rendering of services in a repairable item, for the purpose of complying with a Technical Norm or Bulletin.
- 1.1.70.** SCHEDULED MAINTENANCE: Maintenance performed at regular intervals to maintain a repairable component in operational condition, through a systematic inspection, detection and replacement of worn out components; tuning, calibration and cleaning, in accordance with the manuals
- 1.1.71.** UNSCHEDULED MAINTENANCE: Maintenance which was not contemplated in the SCHEDULED MAINTENANCE, or which occurred before the established timeframe, being performed to restore the airworthy condition of a repairable component, or of a component which has been restored by correcting a breakdown, or a breakdown which occurred or was detected through an obvious breakdown inquiry procedure, suspicion of defect or poor functioning, in accordance with the manuals.
- 1.1.72.** NATO: NATO Catalog System, as described on website: http://www.nato.int/structur/AC/135/nmcr1/nmcr1_e/index.htm
- 1.1.73.** INADEQUATE FOR USE: In non-compliance with the airworthy standards established by the AAA.
- 1.1.74.** NEW SURPLUS: New item on shelf.
- 1.1.75.** NEW MANUFACTURE: new item which has not been stocked yet.
- 1.1.76.** NF ('Nota Fiscal'): Bill of Sale
- 1.1.77.** NFF: Items sent by the CONTRACTING PARTY which do not require repair.
- 1.1.78.** NSN: NATO Stock Number.
- 1.1.79.** OEM: Original Equipment Manufacturer


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MARIO EMILIO FRAMIL CABIZUCA Lt Col



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1.1.80. WORKSHOP: Premise owned by the CONTRACTED PARTY where the services contemplated by this Basic Project Plan shall be delivered. It shall also apply to the location in which the services detailed in the Object of this Basic Project Plan are performed

1.1.81. OPERATORS. Air Units and Aeronautical Material Depots. **EXPENSE SUPERVISOR:** Any public official or Administrative Agent exercising oversight of activities pertaining to budget, estimate, asset and financial administration in the Managing Unit (UG).

1.1.82. ADMINISTRATIVE MANAGEMENT PROCESS (PAG) – Consisting in the chronological set of the parts which make up a process, starting with the first page, which generated the process, to the table of contents, with all pages numbered and initialed in ascending order, starting with the cover, which must summarize the topic, interested party and date.

1.1.83. P-3AM: Extended range and Anti-Submarine Warfare maritime patrol aircraft.

1.1.84. PAMALS: Aeronautical Material Depot of Lagoa Santa, Central Depot for Projects. C-95, C-97, C-98, C-105, H-60L, F-5, P-3AM, T-25 and T-27

1.1.85. CENTRAL DEPOT- PAMAs. Executive SISMA body which is responsible for all necessary provisions pertaining to the supply, maintenance and technical support of operators, for the general oversight of a project or equipment assigned to its task by the system's Central Organization, as well as for knowing in full detail the status of equipment applied in projects under its supervision, whose repair shall be the responsibility of another Depot, as Workshop Depot. The Central Depot is the manager of the Project as a whole, including components possibly assigned to one or more Workshop Depots.

1.1.86. PB: Basic Project Plan.

1.1.87. REJECTED PARTS: Parts deemed inadequate or whose repair was considered economically inviable (BER) by the CONTRACTED PARTY, being greater than 70% of [the cost of] a new part.

1.1.88. PN: Part Number

1.1.89. PMA: Items which are not original manufacturer parts yet may be installed on aircraft with certification by the FAA or Military or Civil Authority exercising the same competence.

1.1.90. SMALL REPAIR: It is a provision of services in a repairable item, for the purpose of restoring its usable condition. The same item, after repair, must be placed directly on "Flight line" or returned to the usable [item] stock. It is different from a repair due to the degree of labor and material intervention in order to restore the item to the flight line.

1.1.91. PRICE LIST: Price list issued by the manufacturer of the parts used in the service.

1.1.92. RESTORATION: Provision of services on repairable item consisting in the incorporation of items (spare parts) for the purpose of upgrading the same item.

1.1.93. SCHEDULED COMPONENT REMOVAL: When a part has reached its scheduled limit and is ready for removal, it must be removed from service and sent to the Workshop for overhaul.


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MARIO EMILIO FRAMIL CABIZUCA Lt Col



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1.1.94. UNSCHEDULED COMPONENT REMOVAL (PREMATURE): When a part presents functional breakdown before reaching time between overhauls and the prescribed corrective measure does not eliminate the breakdown, it shall be removed from service, regardless of hours, time, number of departures and operational time still available, and it shall be sent to the Overhaul Workshop.

1.1.95. REPAIR: It is the provision of services in a repairable item, for the purpose of restoring usable condition. The same item may, after repair, be placed directly on "flight line" or returned to the usable item stock.

1.1.96. GENERAL OVERHAUL or "OVERHAUL": Provision of services including a major set of interventions, replacing mandatory parts, in a repairable item, which is not necessarily broken, and may occur to fulfill TBO.

1.1.97. SEGVOO 003 (Airworthiness Approval Label) – Form meant for primary maintenance record, for the purpose of approving return to service of engines, propellers and Class II and III aeronautical products after maintenance, preventive maintenance, reconditioning, modification or repair, in accordance with section 43.9 of RBHA 43, issued by ANAC.

1.1.97.1. Completion of form must comply with Normative Directive nº IAC 3149-21/43-0302, dated April 1st. 2002, issued by ANAC.

1.1.97.2. The CONTRACTED PARTY must submit a similar document to SEGVOO for the country which will perform the service.

1.1.98. SILOMS: Aeronautical Command's Integrated Logistic Maintenance and Service System "Software" used by FAB, for the purpose of recording, identifying and transporting aeronautical material.

1.1.99. SISMA: Aeronautical Material System.

1.1.100. S/N Serial Number. Alpha-numeric code individualizing equipment. The code is affixed to the equipment.

1.1.101. T-25: Name assigned by the Brazilian Airforce to Aircraft Neiva T-25, known as T-25.

1.1.102. T-27: Name assigned by the Brazilian Air Force to aircraft EMB T-27, known as 'Tucano'.

1.1.103. TAT: Turn Around Time, time between receipt of the part by the CONTRACTED PARTY and its return to the CONTRACTING PARTY in usable condition, after performing the service established in the Basic Project Plan.

1.1.104. PRORATA FEE (P): Administrative fee to be paid by one of the parties, in case of exchange.

1.1.105. TBO: Time Between Overhaul, or time between general overhauls of item or equipment.

1.1.106. TCTR: Subdivision of Aeronautical Material Depot Control.

1.1.107. TLV: Shelf Life Limit for a repairable item.


No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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- 1.1.108.** TSN: Time since New: total use time of an item or piece of equipment since new.
- 1.1.109.** TSO: Time Since Overhaul: Use time of an item or piece of equipment since last general overhaul.
- 1.1.110.** TTEC: Technical Division of the Aeronautical Material Depots- PAMAS.
- 1.1.111.** ADMINISTRATIVE UNIT: It is the military organization (OM), or its appointed section, per legal documents, to manage the assets, funds and credits specifically assigned to it, in full or in part.
- 1.1.112.** MANAGING UNIT (UG): – Generic Term for ADMINISTRATIVE UNIT.
- 1.1.113.** WEBFLIS: US Federal Catalog.

2. CLAUSE- OBJECT

2.1. The purpose of this BIDDING PROCESS is the provision of services, to include the calibration, renovation, recovery and/or overhaul, exchange of repairable components, technical publications for repairable components, exchange in order to meet scheduled and unscheduled inspections for COMAER aircraft C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105, fulfilling the demand for production of repairable items at the Aeronautical Material Depots, including additional services, as per technical specifications and quantities shown in the BASIC PROJECT PLAN, nº 008, Items to be repaired abroad, Attachment A, as per the BATCH below:

BATCH	ATA	DESCRIPTION
1	12	SERVICING ROUTINE MAINTENANCE
2	17	UNASSIGNED
3	19	UNASSIGNED
4	21	AIR CONDITIONING
5	22	AUTO FLIGHT
6	23	COMMUNICATIONS
7	24	ELECTRICAL POWER
8	25	EQUIPMENT / FURNISHINGS
9	26	FIRE PROTECTION
10	27	FLIGHT CONTROLS
11	28	FUEL
12	29	HYDRAULIC POWER
13	31	INDICATING/RECORDING SYSTEMS
14	32	LANDING GEAR
15	33	LIGHTING
16	34	NAVIGATION
17	35	OXYGEN SYSTEM
18	36	PNEUMATIC
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)
20	46	INFORMATION SYSTEM
21	53	FUSELAGE
22	56	WINDOWS
23	61	PROPELLERS
24	62	MAIN ROTOR
25	63	MAIN ROTOR DRIVE
26	67	ROTORS FLIGHT CONTROL
27	71	POWER PLANT
28	72	ENGINE TURBINE
29	73	ENGINE FUEL AND CONTROL
30	74	IGNITION

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 No Imp RENATO ALVES DE OLIVEIRA Lt Col
 BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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31	75	AIR
32	76	ENGINE CONTROLS
33	77	ENGINE INDICATING
34	79	OIL
35	80	STARTING
36	81	TURBINES
37	NID	NOT IDENTIFIED
38	OUTROS	OTHERS

2.2. For all purposes, the following attachments shall be an integral part of the CONTRACT, regardless of whether they are transcribed or attached hereto:

- ATTACHMENT A – BASIC PROJECT PLAN n° 008- Items to be repaired abroad.;
- ATTACHMENT B – CONTRACTED PARTY'S PRICE PROPOSAL; and
- ATTACHMENT C – DELIVERY AND PAYMENT SCHEDULE.
- ATTACHMENT D – PORTUGUESE CONTRTACT DRAFT

3. CLAUSE- CONTRACTUAL PERFORMANCE

3.1. The CONTRACT must be performed upon request, under indirect execution regime, as a unit price contract, in accordance with ATTACHMENT A- the BASIC PROJECT PLAN

4. CLAUSE- LANGUAGE

4.1. It is hereby agreed among the parties that the language for this CONTRACT, for the purpose of documentation, correspondence and any other matter, shall be **English**, with a translation into Portuguese, which shall form an integral part of the Contract, as per ATTACHMENT D replicating the same content and featuring the same signatures from both parties and witnesses

5. CLAUSE- CONDITIONS FOR CONTRACT PERFORMANCE

5.1. The services must be performed by the CONTRACTED PARTY in accordance with the terms of this agreement and with the BASIC PROJECT PLAN, Attachment A.

5.2. The CONTRACTED PARTY must accept all conditions required of it during the qualification phase in the bid and throughout the duration of the present CONTRACT.

6. CLAUSE- OBLIGATIONS

6.1. In addition to the provisions of item 15.2 of the Basic Project Plan, ATTACHMENT A, the CONTRACTED PARTY commits to the following:

6.1.1. Perform all services in accordance with the specifications provided in the BASIC PROJECT PLAN, and its proposal, with the necessary resources for the full compliance with the provisions of this CONTRACT;

6.1.2. Strictly comply with all specifications and instructions contained in the Invitation for Bid;

6.1.3. Take full responsibility for the supply of contracted materials and services;


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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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- 6.1.4.** Ensure the supply of all materials and/or equipment necessary for the fulfillment of contractual obligations;
- 6.1.5.** Take full responsibility for the selection, qualification, transportation, meals, accommodation, employment contracts and termination of contracts for its employees, as well as for the CONTRACTED PARTY'S judicial standing before labor authorities, transportation authorities and insurance. The CONTRACTED PARTY'S failure to fulfill the obligations established in this CONTRACT does not make the CONTRACTING PARTY responsible for any payments;
- 6.1.6.** Accept liability, furthermore, for damages directly caused to the CONTRACTING PARTY, in connection with the performance of the services provided by the CONTRACTED PARTY'S employees or appointed agents;
- 6.1.7.** Provide all clarification requested by the CONTRACTING PARTY, and promptly investigate any complaints;
- 6.1.8.** Replace, at no cost to the CONTRACTING PARTY, all equipment or material supplied in a damaged state in any way or due to damages caused by improper handling by the CONTRACTED PARTY'S employees, or items rejected in inspection tests;
- 6.1.9.** Ship, handle and warehouse, with adequate care, avoiding shocks, impact or breakage, all material used during the service, specifically taking care of material prone to damage due to heat, light and humidity, and which must be stored in an adequate environment for its protection, up until time of use;
- 6.1.10.** Accept full civil responsibility for any and all material damages and losses caused by action or omission by the CONTRACTED PARTY'S contracted employees, workers, agents or representatives, whether intentionally or not, before the Aeronautical Command or third parties;
- 6.1.11.** Employ skilled workers, with basic knowledge of the services to be performed in conformity with current rules and regulations;
- 6.1.12.** Take responsibility for all labor, social and tax contributions, as well as for any other direct and indirect obligations set forth in specific legislation. A breach of any of these obligations does not imply their transfer to the CONTRACTING PARTY;
- 6.1.13.** Train its employees regarding the importance of following the directives provided by the CONTRACTING PARTY, including as regards norms and regulations established by the Military Organization, if applicable;
- 6.1.14.** Maintain, throughout CONTRACT validity, consistency with the obligations undertaken and all qualification conditions required during the Bid;
- 6.1.15.** Refrain from transferring- even only in part- to third parties any responsibilities undertaken;
- 6.1.16.** Accept responsibility for any costs associated with possible quantitative and calculation errors contained in its Proposal, including variable costs associated with future and uncertain events, accepting responsibility for covering items

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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which were initially included in its Proposals, but turned out to be insufficient to perform the object of this bid;

6.1.17. The CONTRACTED PARTY shall be responsible for providing all services, which must comply with the CONTRACT and the BASIC PROJECT PLAN;

6.1.18. Refrain from performing any additional services before providing a budget estimate, which must be officially approved by the CONTRACTING PARTY;

6.1.19. Appoint a manager in charge of all activities/services, to monitor the CONTRACT and interact with the CONTRACT'S MONITORING TEAM;

6.1.20. Fulfill all CONTRACT timelines;

6.1.21. Fulfill all requirements by the CONTRACTING PARTY, especially pertaining to deadlines, to the performance and completion of contracted services, as well as the requirements related to priority services, emergency services and services with special timeframes;

6.1.22. Observe the Contracting Military Organization's office hours, as convenient to them, or based on any requested change, communicating/requesting changes to office hours to the MONITORING team with at least 24 (twenty-four) hours' notice;

6.1.23. Accept responsibility for any complaints, and financial onus arising from any judicial processes, or damages directly or indirectly caused by the CONTRACTED PARTY, which may be claimed against PAMALS by third parties;

6.1.24. Use adequate equipment and hardware, to enable correct service execution, using safe and efficient work methods;

6.1.25. The CONTRACTED PARTY is forbidden from disclosing to third parties any information on the nature or progress of material delivery contemplated by this CONTRACT, as well as notifying the written or spoken press, including television and/or any other means of public disclosure, except with explicit consent from the CONTRACTING PARTY;

6.2. In addition to the provisions of item 15.1 in the Basic Project Plan, Attachment A, the CONTRACTING PARTY, with assistance from the INSPECTION team, duly appointed for this purpose, is legally obligated to:

6.2.1. Appoint a receipt commission (COMREC), via internal document, for the quantitative and qualitative receipt of the Object of the CONTRACT;

6.2.2. Provide all conditions to enable the CONTRACTED PARTY to perform the services, in accordance with the provisions of the CONTRACT, Invitation to Bid and their Attachments, specifically the BASIC PROJECT PLAN;

6.2.3. Demand faithful compliance with all obligations undertaken by the CONTRACTED PARTY in accordance with the provisions of the BASIC PROJECT, in this CONTRACT and under the terms and conditions provided in its proposal;

6.2.4. Exercise oversight over all Administrative agents specifically appointed to this task, who shall record any flaws encountered;


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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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6.2.5. Notify the CONTRACTED PARTY in writing of any irregularities in the performance of the services, establishing a timeframe for their correction as per ICA 12-23;

6.2.6. Pay the CONTRACTED PARTY the amount owed for the services provided, as established in the CONTRACT through the receipt and acceptance of an invoice; and

6.2.7. Certify that, throughout the execution of this Contract, all eligibility and qualification requirements set forth in the bid shall be maintained, in accordance with the obligations undertaken by the CONTRACTED PARTY.

7. CLAUSE- SERVICE DETAILS

7.1. The CONTRACT must be performed by the CONTRACTED PARTY per the provisions of this CONTRACT and in the BASIC PROJECT PLAN.

8. CONTRACT AMOUNT

8.1. The total contract amount is **US\$ [AMOUNT] (AMOUNT)**, with an initial commitment in the amount **US\$ [AMOUNT] AMOUNT)**, through Allocation Bill n° [NUMBER], the difference amounting to **US\$ [AMOUNT] (AMOUNT)**, to complement the above Allocation Bill, in accordance with the amount contracted per batch bellow:

BATCH	ATA	DESCRIPTION	CONTRACTED AMOUNT
1	12	SERVICING ROUTINE MAINTENANCE	
2	17	UNASSIGNED	
3	19	UNASSIGNED	
4	21	AIR CONDITIONING	
5	22	AUTO FLIGHT	
6	23	COMMUNICATIONS	
7	24	ELECTRICAL POWER	
8	25	EQUIPMENT / FURNISHINGS	
9	26	FIRE PROTECTION	
10	27	FLIGHT CONTROLS	
11	28	FUEL	
12	29	HYDRAULIC POWER	
13	31	INDICATING/RECORDING SYSTEMS	
14	32	LANDING GEAR	
15	33	LIGHTING	
16	34	NAVIGATION	
17	35	OXYGEN SYSTEM	
18	36	PNEUMATIC	
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)	
20	46	INFORMATION SYSTEM	
21	53	FUSELAGE	
22	56	WINDOWS	
23	61	PROPELLERS	
24	62	MAIN ROTOR	
25	63	MAIN ROTOR DRIVE	
26	67	ROTORS FLIGHT CONTROL	
27	71	POWER PLANT	
28	72	ENGINE TURBINE	

No Imp RENATO ALVES DE OLIVEIRA Lt Col
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MARIO EMILIO FRAMIL CABIZUCA Lt Col



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29	73	ENGINE FUEL AND CONTROL	
30	74	IGNITION	
31	75	AIR	
32	76	ENGINE CONTROLS	
33	77	ENGINE INDICATING	
34	79	OIL	
35	80	STARTING	
36	81	TURBINES	
37	NID	NOT IDENTIFIED	
38	OUTROS	OTHERS	

8.2. The contract amount includes all expenses associated with the performance of services, directly or indirectly, including, but not limited to- the following: all costs in accordance with the BASIC PROJECT PLAN, such as fees and/or taxes, social contributions, expenses, insurance, worker's compensation, labor, social security contributions, fiscal, administrative tax, equipment, materials and any other fees associated with the Execution of the CONTRACT Object.

9. CLAUSE- BUDGET ALLOCATION

9.1. The expenses associated with this Basic Project Plan must be covered in accordance with the following budget classification: Program 2058- National Defense, Action 2048- Aircraft Supply and Maintenance, or other action available, Nature of Expense 339030 (Third Party Legal Entity).

9.2. The information provided in this item is required by the Brazilian Government, and is simply provided for information purposes.

10. CLAUSE- SUBCONTRACTING

10.1. The upper limit for subcontracting the execution of this object is 50% (fifty percent), of the total Contract amount, calculated per terms of sub-item 13.2 of the Basic Project Plan, Attachment A.

10.2. Subcontracting must be authorized by the Chief of the BACW through a technical opinion from the MONITORING [team], together with specification of the activities which will be subcontracted and the timeframe within which they will be performed.

10.3. Subcontracted companies must have all technical qualification requirements set forth in the BASIC PROJECT PLAN, Attachment A, based on the activity to be performed.

10.4. The CONTRACTED PARTY shall be legally and contractually responsible before the CONTRACTING PARTY for subcontracted services. All communication and clarification shall be exchanged directly between the CONTRACTING and CONTRACTED PARTIES. Any communication or clarification with the subcontracted companies shall be the under the CONTRACTED PARTY'S responsibility.

10.5. The CONTRACTED PARTY shall be legally and contractually responsible before the CONTRACTING PARTY for subcontracted services. The CONTRACTED PARTY shall be solely and entirely responsible not only for service guarantee but also for any insurance coverage which may claimed against it, in case of accidents or breakdowns caused by services performed by the subcontracted party.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
 BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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10.6. If subcontracting becomes necessary, in accordance with Art. 72 of 1993 Law 8.666, the following recommendations must be followed:

10.6.1.1. The CONTRACTED PARTY shall cover the onus and risks associated with subcontracting, including- but not limited to- the quality guarantee for the services rendered.

10.6.1.2. The CONTRACTED PARTY must provide the CONTRACTING PARTY, through the Contract Monitor, with all the information required by him about the services, as well as of subcontracted companies.

10.6.1.3. The CONTRACTED PARTY shall not be exempt from its contractual responsibilities and obligations, when- as a consequence of any type of readjustment with subcontracted companies, it is not possible to fulfill any of the obligations set forth in the contract.

11. CLAUSE- TIMEFRAMES

11.1. Valid Term

11.1.1. The Contract's validity term must be **42 (forty-two) months**, starting on signature date, as per sub-item 7.1 of the Basic Project Plan.

11.1.2. Any extension shall occur through a duly documented Amendment, signed by the CONTRACTING PARTY and the CONTRACTED PARTY, with at least 90 (ninety) business days' notice before the expiration of the timeframe, as per AGU Normative Directive nº 38, dated November 13, 2011.

11.2. Execution Period

11.2.1. The contract must be executed within **34 (thirty-four) months**, starting on signature date, as per sub-item 7.2 of the Basic Project Plan.

11.3. Receipt Period

11.3.1. Services shall be temporarily received within a 15- (fifteen-) day timeframe, starting on the date of the components' arrival at the BACE/BACW. By COMREC at the BACE/BACW, for the purpose of later verification of their conformity with the descriptions contained in the Basic Project Plan and in the Proposal.

11.3.2. The services may be rejected in full or in part if they do not comply with the specifications contained in this Basic Project Plan and in the Proposal, in which case they must be replaced/corrected/newly delivered within the timeframe established by the contract monitor, at the Contracted Party's expense, without excluding the application of penalties.

11.3.3. The services shall be definitively accepted within a 20 (twenty-) day period, starting from temporary receipt, after the quantity and quality of the material has been verified and thereafter accepted through the relevant document.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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11.3.3.1. Should it be verified that the process described in the previous item does not occur within the established timeframe, it shall be considered completed with the final receipt occurring when the deadline expires.

11.3.4. Temporary or definitive acceptance of the object does not exclude the CONTRACTED PARTY's responsibility for the damages caused by incorrect Contract execution.

11.4. Payment Processing Time

11.4.1. Payment term shall be **30 (thirty)** calendar days, starting on the date on which the definitive acceptance certificate is issued by COMREC, in accordance with sub-item 7.4 of the Basic Project Plan, Attachment A.

12. CLAUSE- FINANCIAL GUARANTEE

12.1. A financial guarantee shall be required of the CONTRACTED PARTY, in the amount of **5% (five percent)** of total Contract Amount, within 20 (twenty) days of CONTRACT signature, in US Dollars (USD), in accordance with item 20 of the Basic Project Plan, Attachment A:

12.2. A guarantee which does not cover all possible risks and losses associated with the performance of the CONTRACT shall not be accepted;

12.3. The Financial Guarantee must be valid throughout CONTRACT duration;

12.4. If the guarantee amount is used, in full or in part, the CONTRACTED PARTY must replenish the respective amount within 20 (twenty) days, starting on the date of notification.

12.5. After CONTRACT termination, further to issue of the last Final Acceptance Certificate, and verification that all CONTRACTED PARTY obligations have been fulfilled completely, the guarantee shall be released and returned.

12.6. All costs associated with the financial guarantee shall be borne by the CONTRACTED PARTY.

12.7. If the CONTRACT is amended, the financial guarantee must be extended to reflect new expiration date.

13. CLAUSE- TECHNICAL GUARANTEE

13.1. The technical guarantee shall comply with item 11 of the Basic Project Plan, Attachment A.

14. DELIVERY LOCATION

14.1. The delivery location for the object is detailed in item 8 of the Basic Project Plan, Attachment A,

15. CLAUSE- CHANGES TO THE CONTRACT

15.1. The CONTRACT may be altered unilaterally by the CONTRACTING PARTY in the following situations:


No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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15.1.1. If the project or its specifications should change, to better suit its objectives from a technical standpoint.

15.1.2. Should the Contract Amount require modification due to the quantitative increase or decrease of its Object.

15.1.3. The CONTRACTED PARTY is contractually obligated to accept, at the same terms and conditions, all changes involving an increase or decrease in services of up to 25% (twenty-five percent) of the updated original CONTRACT amount.

15.1.3.1.1. Quantitative decreases exceeding 25% (twenty-five percent) of CONTRACT amount shall only be executed when both parts are in agreement.

15.2. The CONTRACT may be amended by agreement between the parties in the following situations:

15.2.1. When it becomes necessary to modify the execution regime for the good or service, as well as the manner of supply, after technical verification that the original contractual terms are inviable;

15.2.2. If it becomes necessary to alter form of payment, due to unforeseen circumstances, maintaining the original updated amount, excluding advance payment, as regards the fixed payment and delivery schedule, without the equivalent consideration for the provision of goods or execution of services;

15.2.3. To reestablish the relation initially agreed upon by the parties between contractual obligations and payment from the Administration as just compensation for the service, for the purpose of maintaining the Contract's initial economic and financial equilibrium, should unforeseen events occur, or foreseeable events of unforeseeable consequences, which delay or obstruct performance of the amended contract, or in case of force majeure, fortuitous event or factum principis, constituting extraordinary and extra-contractual economic risk.

16. CLAUSE- SUBJECTIVE MODIFICATION

16.1. The merger, split or incorporation of the CONTRACTED PARTY with another legal entity is admissible, provided such entity complies with all qualification requirements established in this Invitation for Bid, and that all Contract clauses and terms are fulfilled, that no the execution of the contractual object is not negatively impacted in any way, and the Administration gives its explicit consent to giving the Contract continuity.

17. CLAUSE- PRICE ADJUSTMENT

17.1. As per Art. 65, of 1993 Law, the contract may be changed in order to reestablish the relation initially stipulated by the parties between the contracted party's efforts and the compensation received from the administration as just payment for the work, service or supply, for the purpose of maintaining the contract's initial economic-financial equilibrium, should unforeseen facts arise,

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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or foreseen facts of unforeseeable consequences, which delay or hinder the performance of the amended contract, or which, in the case of Force Majeure, factum principis or fortuitous events, present extraordinary and extra-contractual risk.

17.2. The economic and financial equilibrium shall be based on the CONTRACTED PARTY's formal proposal, and it shall be examined only after 12 months have lapsed from CONTRACT Signature.

17.3. The physical-financial equilibrium shall be preceded by a request from the CONTRACTED PARTY, supported by a table with an analytical breakdown of the CONTRACT's cost components, which must show the formation of the current price as well the price presented in the proposal.

17.4. The inclusion of advantages which were not featured in the initial proposal is forbidden, except when they have become mandatory due to a legal agreement, normative sentence, collective agreement or collective convention.

17.5. A request to reestablish the economic and financial equilibrium shall only be considered through negotiation between the parties, taking into consideration:

17.5.1. The occurrence of an unforeseeable fact, or foreseeable fact of unforeseeable consequences, which delays or prevents the execution of the agreement and its adequate characterization;

17.5.2. The occurrence of a Force Majeure event, fortuitous event or factum principis, constituting extraordinary and extra-contractual economic risk, and its adequate configuration;

17.5.3. Proof of imbalance, through a request by the CONTRACTED PARTY with two price formation tables, one for the initial Price Proposal and one for the New Price Proposal;

17.5.4. Economic analysis of the table through verification of the arithmetic calculation through which the new price was obtained;

17.5.5. Processing of the relevant calculation logs;

17.5.6. Analysis of the newly calibrated price compared with market prices;

17.5.7. The existence of a budget allocation to cover a possible Price change.

17.6. A decision on the request must be finalized within a maximum timeframe of 60 days, starting on the date in which proof of cost variation is delivered.

17.7. In case of economic and financial equilibrium an amendment to the current Contract shall be prepared.

17.8. The timeframe referenced in the previous paragraph shall be suspended until the CONTRACTED PARTY fulfills its obligations or provides the documentation requested by the Contacted Party to prove imbalance.

17.9. The CONTRACTING PARTY can make evidentiary requests to verify the imbalance alleged by the CONTRACTED PARTY.

17.10. The submission of a proposal of economic and financial equilibrium by the CONTRACTED PARTY does not imply acceptance by the CONTRACTING PARTY.

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17.11. Should the CONTRACTED PARTY not submit other adequately adjusted indices, the maximum adjustment amount shall be equivalent to variation in CPI, i.e. Consumer Price Index, issued by the Bureau of Labor Statistics and disclosed by the Federal Reserve Bank.

18. CLAUSE- PAYMENT

18.1. The payment term shall be up to 30 (thirty) calendar days, starting on the date on which the ACCEPTANCE CERTIFICATE is issued, alongside the invoice, in accordance with item 7.4 of the Basic Project Plan, and with the rules of procedure established in ICA 65-8.

18.2. An invoice shall be issued by the CONTRACTED PARTY in accordance with the following procedures:

18.2.1. "Approval" of the invoice is conditional upon the fulfillment of services described in the invoice presented by the CONTRACTED PARTY; and

18.2.2. In case of failure to present the necessary documents, or of a situation which prevents invoice payment, payment shall be suspended until the CONTRACTED PARTY takes applicable measures to resolve all pending issues. In this case, the payment term shall take effect after pending issues are resolved by the CONTRACTED PARTY, without any cost to the CONTRACTING PARTY.

18.3. The payment date shall be the date on which the wire transfer is processed by the CONTRACTING PARTY'S bank. The CONTRACTING PARTY shall not be responsible for any fees charged by the CONTRACTED PARTY'S financial institution.

18.4. The CONTRACTING PARTY shall not be responsible for any expenses made by the CONTRACTED PARTY which are not established in the CONTRACT.

18.5. If the CONTRACTED PARTY wishes to receive payment in any other currency than US Dollars, it shall cover the cost of any currency exchange or any other bank fees which may apply).

18.5.1. Payments made in Brazilian currency shall be made at the Exchange rate in effect on the business day immediately preceding actual payment date.

19. CLAUSE- MONITORING

19.1. MONITORING must be performed by members of the Administration, specifically appointed to this end by the Administration, in accordance with Law N° 8.666 / 1993, ICA n° 65-8 / 2009, and ICA n° 12-23 / 2014, in order to monitor and oversee the fulfillment of the CONTRACT under way.

19.2. MONITORING must comply with the terms of this Invitation and item 14 of the Basic Project Plan, Attachment I to the Invitation.

20. CLAUSE- RECEIPT OF THE OBJECT

20.1. The object of this INVITATION must be received by COMREC in accordance with the specifications set forth in the BASIC PROJECT PLAN, Attachment A.

20.1.1. All proposals, questions, discrepancies and difficulties encountered during CONTRACT execution, requiring evaluation, must be submitted to the


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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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MONITORING, [team] for evaluation by the Head of the BACW.

21. CLAUSE- FORCE MAJEURE AND FORTUITOUS EVENTS

21.1. Fortuitous or Force Majeure events must be notified in writing to the Chief of the BACW, through the MONITORING team, so that he may decide the appropriate course of action, provided it has been proven that such events affected the services/materials provided in accordance with the Object of this CONTRACT.

21.2. For the purpose of this CONTRACT, events shall be considered unforeseeable or Force Majeure events, if they fit the legal definition provided in the single paragraph of Art. 393 of the Brazilian Civil Code, in accordance with Line II, §1º, Art. 57 of Law Nº 8.666/93.

22. CLAUSE- ADMINISTRATIVE SANCTIONS AND PENALTIES

22.1. The administrative sanctions and penalties are established in item 23 of the Basic Project Plan, Attachment A.

23. CLAUSE- LEGAL BASIS

23.1. This CONTRACT is legally bound to INVITATION FOR BID nº 190011/CABW/2019, and to the CONTRACTED PARTY's Price Proposal, as submitted by company [NAME OF COMPANY] to the BACW.

24. CLAUSE RESCISSION

24.1. In accordance with the provisions of Article 78 of Law Nº 8.666 / 93 (Brazil), the following are sufficient reasons to rescind the Contract:

24.1.1. Non-fulfillment of contract clauses, specifications, projects and timeframes;

24.1.2. Irregular fulfillment of contract clauses, specifications, projects and timeframes;

24.1.3. Slowness in execution, leading the CONTRACTING PARTY to prove it is inviable to complete services within the established timeframes;

24.1.4. Undue delay in starting service.

24.1.5. Service downtime, without valid cause and without prior notification to the Administration.

24.1.6. Total or partial subcontracting of the object, the CONTRACTED PARTY's partnership with other companies, total or partial transfer, such as a merger, split or incorporation, in forms not allowed by the Invitation for Bid and this CONTRACT;

24.1.7. Non-compliance with the orders issued by the authority appointed to oversee and inspect the performance of services, or of higher-ranking authorities;


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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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24.1.8. Repeated errors in execution, recorded as prescribed by §1° of Art. 67, Law N° Lei 8.666/93;

24.1.9. Filing for bankruptcy or civil insolvency;

24.1.10. Dissolution of the corporation or death of the contracted individual;

24.1.11. Corporate change or modification of the CONTRACTED PARTY's purpose or structure, in a manner which compromises CONTRACT performance;

24.1.12. Public interest reasons (Brazil), which are highly relevant and widely known, justified and ordered by a highest-ranking executive authority in the administrative branch with jurisdiction over the CONTRACTED PARTY, based on an administrative proceeding established in the CONTRACT;

24.1.13. Suspension of services, based on written order from the CONTRACTING PARTY, for a period of over 120 (one hundred and twenty) days, except in cases of natural disaster, civil unrest or war, or repeated suspensions adding up to the same length of time. In addition to the payment required as indemnification to the CONTRACTED PARTY, it is also entitled to suspend the fulfillment of its obligations until normalcy is restored;

24.1.14. A delay greater than 90 (ninety) business days in the payments owed by the CONTRACTING PARTY, for completed and accepted services, deliveries and work, except in case of disasters, domestic disorder or wars. The CONTRACTED PARTY shall be entitled to suspend the fulfillment of its obligations until normalcy is restored;

24.1.15. Failure by the CONTRACTING PARTY to make available the facilities or object for the performance of services within the established deadlines;

24.1.16. Unforeseeable or Force Majeure events, preventing Contract Execution, in which case proof is required; and

24.1.17. Non-compliance with line V, Art. 27 of Law N° 8.666/ 93, without excluding applicable criminal sanctions.

24.2. The rescission shall be formally recorded in accordance with the law, ensuring the right to due legal process and ample defense.

24.3. The rescission of this CONTRACT may be:

24.3.1. Unilaterally decided, in writing, by the CONTRACTING PARTY in the events listed in items 24.1.1. through 24.1.12 and 24.1.16 of this clause;

24.3.2. The rescission of the Contract may also occur due to suspension of services by the Administration, resulting in adjustments to the initial CONTRACT amount of up to 25% (twenty-five percent), through no fault of the CONTRACTED PARTY'S;

24.3.3. It may be amicable, further to agreement between the parties, recorded in an amendment to the CONTRACT, provided this is in the CONTRACTING

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MARIO EMILIO FRAMIL CABIZUCA Lt Col



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PARTY'S interest; and

24.3.4. Legally mandated in accordance with applicable legislation.

24.4. The CONTRACTED PARTY shall be compensated for the damages incurred, provided it is able to prove them, as a result of contract rescission, based on items 24.1.12, 24.1.13, 24.1.14, 24.1.15 and 24.1.16 in accordance with this Clause, being entitled to:

24.4.1. The release of its financial guarantee;

24.4.2. Payments owed for CONTRACT execution up until date of rescission; and

24.4.3. Payment owed for its demobilization.

24.5. Administrative or amicable rescissions must be preceded by a written authorization, with adequate justification by the competent authority.

24.6. Rescission of the CONTRACT due to non-fulfillment of Contract Clauses shall result in use of the financial guarantee to compensate the CONTRACTING PARTY for the fines established in Clause 22 and for any indemnification due. Any credits associated with the CONTRACT shall be retained up to the limit of the damages caused to the CONTRACTING PARTY, in addition to the sanctions established in this CONTRACT.

24.7. The Contract Rescission Document must include:

24.7.1.1. Evaluation of contractual services rendered in full;

24.7.1.2. List of completed and pending payments; and

24.7.1.3. Indemnifications and Fines.

25. CLAUSE- CHOICE OF LAW

25.1. This CONTRACT shall be written and interpreted in accordance with the principles of Law n°8.666/93, and it shall be governed in accordance with the laws of the District of Columbia, to include the Uniform Commercial Code, as adopted in the District of Columbia, without taking into account any conflict of law or doctrine which may apply. The United National Convention for Contracts for the Sale of International Goods shall not apply to this CONTRACT.

25.2. The parties agree to make a diligent, good faith attempt to amicably resolve any conflicts before either party initiates litigation in the terms of Clause 24 (Contract Rescission Clause) of this CONTRACT.

25.3. Any controversy or complaint related to this Contract, including matters concerning its existence, validity or rescission must be addressed by the Superior Court of the District of Columbia or US District Court in the District of Columbia, which shall be the exclusive jurisdiction for the submission of complaints by the parties.

26. CLAUSE- NOTIFICATIONS AND CORRESPONDENCE

26.1. All correspondence, reports and notifications arising from the execution of this CONTRACT shall be made in writing and shall only be deemed received by the CONTRACTING PARTY and the CONTRACTED PARTY, if delivered to the addresses indicated


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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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below by one party to the other party or from any other addresses that may be communicated by the PARTIES, throughout the validity of this CONTRACT.

CONTRACTING PARTY:

AERONAUTICAL LOGISTIC CENTER (CELOG)

Av. Dom Pedro I, n° 100 - 3° Andar - Cambuci

CEP 01.552-000 - São Paulo - SP

+55 (11) 3382-6100

+55 (11) 3382-5290

Email: protocolo.celog@fab.mil.br

BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON (CABW)

1701 22ND ST. N.W.

WASHINGTON D.C. 20008 (EUA)

+1 (202) 518-7359 con@cabw.org

CONTRACTED PARTY

CONTRACTED PARTY'S NAME

Attn: Mr./Ms. [Name of Legal Representative]

ADDRESS:

Telephone:

Fax

Email:

27. CLAUSE- SUSTAINABILITY

27.1. The FUTURE CONTRACTED PARTY must comply with all local laws and norms concerning environmental protection, promoting sustainable actions, and minimizing potential environmental impact caused by the execution of the Basic Project Plan, from the receipt of the spare part until its return to the CONTRACTING PARTY

27.2. The FUTURE CONTRACTED PARTY shall be responsible for the disposal of materials, in accordance with environmental law.

27.3. Within the recommendations toward environmental sustainability, the future CONTRACTED PARTY shall comply with the criteria listed in Normative Instruction N° 1 (Environmental Sustainability Criteria in the Purchase of Goods, Contracting of Services or Works by Federal government agencies, autonomous institutions and foundations), dated January 19, 2010 by the Logistic and Information Technology Office of the Ministry of Planning, Budget and Management (SLTI/MPOG):

27.4. The CONTRACTED PARTY is also required to comply with noise emission levels, as set forth in Norm NBR-10.151 – Sound Evaluation in Residential Areas for the purpose of community comfort, issued by the Brazilian Association of Technical Norms– ABNT, or those set forth in NBR-

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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10.152- Noise Levels for Acoustic comfort, by the Brazilian Association of Technical Norms- ABNT, in the terms of CONAMA Resolution N° 01, dated 03/08/90, and related legislation- if located in Brazil, or relevant legislation, if located abroad.

27.5. The CONTRACTED PARTY is further required to abide by atmospheric pollutant emission limits, which shall be governed by CONAMA Resolution N° 436, dated 12/22/2011, or related current legislation where the services are performed. To this end the CONTRACTED PARTY must prioritize the use of adequate technologies to satisfy the requirement in noise reduction levels.

27.6. Should the CONTRACTED PARTY's activities fall within the hypotheses configured in article 20 of Law 12305, of 2010, National Policy on Solid Waste, the CONTRACTED PARTY shall have to issue a solid waste management plan, subject to approval by the competent authority.

27.7. For the drafting, implementation, enforcement and monitoring of all steps in the solid waste management plan, including environmentally adequate final disposal of solids, a technician with due credentials shall be appointed as manager.

27.8. The following forms of final disposal or elimination of solid waste are forbidden to the CONTRACTED PARTY:

27.8.1. Disposal on the beach, in the sea, or any body of water;

27.8.2. Disposal in open landfill, except for mining waste;

27.8.3. Open burning of waste, or burning in containers or installations or equipment lacking the proper license for this purpose; and

27.8.4. Any other manner forbidden by the public authority.

28. CLAUSE- NUMBER OF COPIES

28.1. It is agreed that this Contract shall be issued in 2 (two) original copies, of equal form and content:

28.1.1. (One) original for the CONTRACTING PARTY; and

28.1.2. (One) original for the CONTRACTED PARTY.

28.2. In witness thereof, the parties sign this CONTRACT in 2 (two) original copies, of equal form and content in the presence of the undersigned witnesses

Washington, DC, [DAY] of [MONTH] de 2018.

CONTRACTING PARTY:

Brigadier LUIZ AMEDEO IOZZI DA SILVA
CELOG'S DIRECTOR

CONTRACTED PARTY:

Name

Name

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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Job Title - CONTRACTED

Job Title - CONTRACTED

TESTEMUNHAS:

CONTRACT MONITOR

PAULO HENRIQUE SCHEICHER Col R1
Internal Control
Brazilian Air Force - CELOG

Name

Job Title - CONTRACTED

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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ATTACHMENT A

BASIC PROJECT PLAN

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ATTACHMENT B

PRICE PROPOSAL

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



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ATTACHMENT C
DELIVERY AND PAYMENT SCHEDULE

ITEM	DESCRIPTION	AMOUNT (R\$)	MAXIMUM TAT (BACE/BACW - REPAIR WORKSHOP- TO BACW/BACW)	PAYMENT TERM
01		XXX	* D + 90 days	** D + 30
	TOTAL	XXX		

* D = Date on which notification is received by the Contracted Party that the budget has been approved by the Contracting Party;

** D = Date on which Final Acceptance Certificate is issued by COMREC

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col

ANEXO III

CENTRO LOGÍSTICO DA AERONÁUTICA (CELOG)

MINUTA



CONTRATO [NUM]/CABW-CELOG/2018

**INVITATION FOR BID 190011/CABW/2019
PAG CELOG 67101.001981/2018-82
PAG CABW 67102.190011/2019-13**



-----MINUTA-----

ÍNDICE

1. DEFINIÇÕES.....	4
2. CLÁUSULA – OBJETO.....	12
3. CLÁUSULA – EXECUÇÃO CONTRATUAL.....	13
4. CLÁUSULA – IDIOMA.....	13
5. CLÁUSULA – CONDIÇÕES PARA A PRESTAÇÃO DOS SERVIÇOS.....	13
6. CLÁUSULA – OBRIGAÇÕES.....	13
7. CLÁUSULA – DISCRIMINAÇÃO DOS SERVIÇOS.....	16
8. CLÁUSULA – VALOR DO CONTRATO.....	16
9. CLÁUSULA – DOTAÇÃO ORÇAMENTÁRIA.....	17
10. CLÁUSULA – SUBCONTRATAÇÃO.....	17
11. CLÁUSULA – PRAZOS.....	18
12. CLÁUSULA – GARANTIA FINANCEIRA.....	19
13. CLÁUSULA - GARANTIA TÉCNICA.....	19
14. CLÁUSULA - LOCAL DE EXECUÇÃO.....	19
15. CLÁUSULA – ALTERAÇÕES CONTRATUAIS.....	20
16. CLÁUSULA - ALTERAÇÃO SUBJETIVA.....	20
17. CLÁUSULA - AJUSTE DE PREÇOS.....	20
18. CLÁUSULA – PAGAMENTO.....	22
19. CLÁUSULA – FISCALIZAÇÃO.....	22
20. CLÁUSULA – RECEBIMENTO DO OBJETO.....	22
21. CLÁUSULA – CASOS FORTUITOS E FORÇA MAIOR.....	23
22. CLÁUSULA – PENALIDADES E SANÇÕES ADMINISTRATIVAS.....	23
23. CLÁUSULA – VINCULAÇÃO.....	23
24. CLÁUSULA – RESCISÃO.....	23
25. CLÁUSULA – FORO.....	25
26. CLÁUSULA – NOTIFICAÇÕES E CORRESPONDÊNCIAS.....	25
27. CLÁUSULA - SUSTENTABILIDADE.....	26
28. CLÁUSULA – NÚMERO DE CÓPIAS.....	28

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

PAG Nº: **67102. 190011/2019-13**
CONTRATO Nº **[NUM]/CABW-CELOG/2018**

PRESTAÇÃO DE SERVIÇO INCLUINDO CALIBRAÇÃO, REFORMA, RECUPERAÇÃO E/OU REVISÃO, TROCA (EXCHANGE) DE COMPONENTES REPARÁVEIS, DIRETIVAS TÉCNICAS, PUBLICAÇÕES DOS COMPONENTES REPARÁVEIS, TROCA (EXCHANGE) PARA ATENDIMENTO AS INSPEÇÕES PROGRAMADAS E NÃO PROGRAMADAS DAS AERONAVES C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM E C-105 DO COMAER, E PARA ATENDER A PRODUÇÃO DE REPARÁVEIS FEITA NOS PARQUES DE MATERIAL AERONÁUTICO, INCLUINDO SERVIÇOS ADICIONAIS, ENTRE A UNIÃO FEDERAL, AQUI REPRESENTADA PELO CENTRO LOGÍSTICO DA AERONÁUTICA, E A EMPRESA [NOME DA CONTRATADA]

A União Federal, por meio do Centro Logístico da Aeronáutica, localizado na Av. Dom Pedro I, nº 100 - 3º Andar - Cambuci – CEP 01.552-000 - São Paulo - SP, Brasil representado pelo **Brigadeiro do Ar LUIZ AMEDEO IOZZI DA SILVA**, no uso de suas atribuições legais, de acordo com o art. 61 Lei nº 8.666/93, aqui definido como CONTRATANTE, e a empresa [NOME DA CONTRATADA], localizada na [LOGRADOURO], CEP [CÓDIGO POSTAL], em [CIDADE - ESTADO] aqui definida como CONTRATADA, representada pelo Sr [REPRESENTANTE LEGAL], portador da Carteira de Identidade nº [NÚMERO], e de acordo com o PAG nº 67102.190011/2019-13, e o resultado final da Licitação nº **190011/CABW/2019**, baseados nos princípios da Lei nº 8.666/93, Decreto nº 2.271/1997 e Instrução Normativa MPDG nº 5, de 2017, e demais leis relacionadas, decidem firmar este CONTRATO e executar este instrumento, de acordo com os seguintes termos e condições:

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

1. DEFINIÇÕES

1.1. Com o objetivo de facilitar a compreensão das terminologias e simplificar a composição do texto, as abreviaturas e expressões a seguir serão adotadas com os seus respectivos significados listados ao lado de cada uma, declarados da seguinte forma:

1.1.1. AGENTE DIRETOR: É a autoridade que exerce a direção das atividades administrativas da UNIDADE GESTORA.

1.1.2. AIPC: "Aircraft Illustrated Parts Catalog" (Catálogo Ilustrado de Peças da Aeronave): publicação técnica do fabricante que informa todos os PN que equipam a aeronave e são necessários para sua operação.

1.1.3. ALA: Unidade da FAB que se destina a coordenar, controlar e executar as atividades administrativas e logísticas necessárias ao funcionamento de suas Organizações Militares subordinadas, ou eventualmente desdobradas, bem como de outras Organizações Militares sediadas na área jurisdicionada.

1.1.4. ANAC: Agência Nacional de Aviação Civil, do Governo Brasileiro.

1.1.5. AOG: Aircraft on Ground. Designação utilizada para definir que a aeronave está inapta para continuar ou retornar a operar até que as medidas cabíveis sejam tomadas para restituir a condição de aeronavegabilidade da Aeronave. Esta condição caracteriza prioridade máxima para processar um pedido de peças sobressalentes e/ou atos de manutenção.

1.1.6. ATA: As Atas a serem consideradas para fins desse Edital serão de acordo com a especificação ATA-100, da "Associação dos Transportes Aéreos da América", conforme link "www.s-techhent.com/ATA100.htm", com exceção das Atas relacionadas ao motor, hélice e guerra eletrônica.

1.1.7. AUTORIDADE DE AVIAÇÃO APROVADA (AAA): significa o IFI no Brasil, a Administração Federal de Aviação nos Estados Unidos (FAA), a Agência Européia para Segurança da Aviação (EASA) na Europa, ou, conforme identificada pelo CONTRATANTE e acordado por escrito com a CONTRATADA, qualquer outra autoridade de aviação estrangeira equivalente que possua jurisdição sobre a execução dos serviços previstos no Projeto Básico.

1.1.8. AUTORIDADE DE AVIAÇÃO CIVIL: Significa a ANAC, no Brasil, ou outra agência que seja reconhecida como responsável pela Administração da Aviação Civil no país onde ocorrer a prestação dos serviços ou o recebimento do Objeto.

1.1.9. BER: Beyond Economic Repair ou Reparo Economicamente Inviável. Termo comumente utilizado para definir a condição de peça ou componente, cujo custo total de reparo torna-se inviável economicamente (reparo superior a 70% do valor da peça nova – ICA 66-13).

1.1.10. BS: Boletim de Serviço ou Service Bulletin (SB). Significa um documento emitido pelo Fabricante do componente, que fornece as informações sobre a forma que uma modificação deve ser efetuada.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

- 1.1.11. C-95/P95:** Designativo atribuído pela Força Aérea Brasileira à aeronave EMB 110, conhecida pelo nome de Bandeirante.
- 1.1.12. C-97:** Designativo atribuído pela Força Aérea Brasileira à aeronave EMB 120, conhecida pelo nome de Brasília.
- 1.1.13. C-98:** Designativo atribuído pela Força Aérea Brasileira à aeronave Cessna 208, conhecida pelo nome de Caravan.
- 1.1.14. C-105:** É um bimotor turbo- hélice desenvolvido para o transporte tático militar. Denominado pela FAB de AMAZONAS.
- 1.1.15. CABE - Comissão Aeronáutica Brasileira na Europa.** Escritório Logístico responsável pela cadeia de suprimento no exterior sediada em Londres.
- 1.1.16. CABW – Comissão Aeronáutica Brasileira em Washington.** Escritório Logístico responsável pela cadeia de suprimento no exterior sediada em Washington.
- 1.1.17. CELOG - Centro Logístico da Aeronáutica.**
- 1.1.18. CALIBRAÇÃO:** É a prestação de serviços, em item calibrável, visando colocá-lo em condições de utilizável através da utilização de padrões específicos, que garantem o correto funcionamento do mesmo.
- 1.1.19. CENTRO DE SERVIÇO:** significa um estabelecimento de manutenção que atende, em todos os aspectos, as exigências da Autoridade Aeronáutica no Estado ou no País onde a oficina opera, está homologada para operar como uma oficina dos modelos das aeronaves referentes ao Projeto Básico pela Autoridade Aeronáutica e pelo fabricante da aeronave;
- 1.1.20. COC:** Certificado de Conformidade
- 1.1.21. CHE:** Certificado de Homologação de Empresa, emitido pela ANAC.
- 1.1.22. CHT:** Certificado de Habilitação Técnica, emitido pela ANAC.
- 1.1.23. CMM:** Components Maintenance Manual. Catálogo de Peças de Reparo com descrição de fornecedores.
- 1.1.24. COMAER:** Comando da Aeronáutica.
- 1.1.25. COMGAP – Comando Geral de Apoio**
- 1.1.26. COMPONENTE:** Qualquer peça independente, combinação de peças, subconjuntos, conjuntos ou unidades, nova ou usada, com função distinta e necessária à operação da aeronave e um ou mais atas relacionados a ele.
- 1.1.27. COMPONENTE CONSUMÍVEL:** Significa componente que é utilizado somente uma vez, e que será tratado no Projeto Básico como um Componente Descartável.


No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

1.1.28. COMPONENTE DESCARTÁVEL: Significa componente para o qual não existe um processo de reparo autorizado ou cujo custo de reparo normalmente excederia o custo de substituição.

1.1.29. COMPONENTE DE GIRO: Componente reparável em condições de uso, porém que não estejam instalados na aeronave.

1.1.30. COMPONENTE REPARÁVEL: Significa um componente que compreenda ou inclua componentes substituíveis, desde que economicamente viáveis de serem reparados, e sujeitos a serem reabilitados a uma completa condição operacional durante um período inferior à vida útil do equipamento de voo ao qual o mesmo encontra-se relacionado.

1.1.31. COMPONENTE SEM CONDIÇÃO DE USO: Significa um componente que tenha se tornado não utilizável ou o componente que precisa ser retirado da aeronave para reparo ou revisão geral.

1.1.32. COMREC: Comissão de Fiscalização e Execução de Contratos, constituída por representantes do COMAER, designada para representá-lo, a fim de acompanhar a execução e o recebimento dos serviços objeto do Projeto Básico, junto à CONTRATADA.

1.1.33. "Condition NEW": Item novo de fábrica que não apresenta nenhuma desconformidade e nenhum tipo de pane ou discrepância. Não é considerado novo o item que sofreu overhaul.

1.1.34. CONJUNTO MAIOR: Conjunto reparável constituído de dois ou mais componentes também reparáveis, integrados ou conectados ao todo, cumprindo função específica para o funcionamento geral e que seja submetido a um indicador para revisões gerais ou reparos como, por exemplo, TSO, TSN, TBO, CSN, etc.

1.1.35. CONDIÇÃO DE AERONAVEGABILIDADE: Significa o estado de segurança obrigatório exigido pela Autoridade de Aviação Civil para manter a Aeronave em operação normal de voo, conforme projeto de tipo aprovado, exceto se de outra forma especificado no Projeto Básico.

1.1.36. CONTRATADA: Empresa fornecedora dos serviços objeto do Projeto Básico, a ser contratada para executá-los.

1.1.37. CONTRATANTE: União – Comando da Aeronáutica (COMAER) – Centro Logístico da Aeronáutica (CELOG).

1.1.38. CONTRATO DE DESPESAS: Para efeito do Projeto Básico, apenas CONTRATO e define-se como: o ajuste que a Administração Pública (CONTRATANTE), agindo nessa qualidade, firma com particular ou outra Entidade Administrativa (CONTRATADA), para contratação dos serviços aeronáuticos ora em pauta e nas condições estabelecidas pela própria Administração Pública.

1.1.39. CTLA: Centro de Transporte Logístico da Aeronáutica.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

1.1.40. DA: Diretriz de Aeronavegabilidade. Significa qualquer diretriz mandatária publicada pela Autoridade de Aviação Civil e que define ações para manter a Condição de Aeronavegabilidade da Aeronave.

1.1.41. DIRMAB: Diretoria de Material Aeronáutico e Bélico.

1.1.42. DOU - Diário Oficial da União.

1.1.43. DRS: A principal oficina de reparo designada pela CONTRATADA.

1.1.44. EA ou "ea": Unidade ou "each other".

1.1.45. END USER: Declaração de Usuário Final.

1.1.46. ESM: Esquadrão de Suprimento e Manutenção.

1.1.47. EXCHANGE: Substituição de um item reparável de propriedade do COMAER por outro item reparável de propriedade da CONTRATADA, desde que seja oferecido um item igual, alternado ou superior de seu estoque, com um potencial de uso que possa ser quantificado e esteja próximo ao potencial do item substituído mais os custos de revisão ou reparo que o mesmo venha a sofrer nesta substituição.

1.1.48. F-5M: Designativo atribuído pela Força Aérea Brasileira à aeronave Northrop F-5E Tiger, conhecida pelo nome de F-5.

1.1.49. FAA-AC-56: Norma FAA que estabelece empresas a serem certificadas para cada sistema (ATA) da aeronave, conforme estabelecido no endereço eletrônico www.aviationsuppliers.org/faa-ac00/56.

1.1.50. FAB: Força Aérea Brasileira.

1.1.51. FACTORY NEW: Item novo ainda não estocado.

1.1.52. FADT: Ficha de Análise de Diretiva Técnica. Este termo significará o parecer da CONTRATANTE, quanto à decisão de incorporar uma Diretiva Técnica emitida por algum fabricante envolvendo algum item aeronáutico.

1.1.53. FEDLOG: Catálogo Federal Americano.

1.1.54. FHT: Ficha Histórico ou Ficha Amarela. Este termo designará o documento emitido pela CONTRATANTE, para cada item aeronáutico possuidor de número de série e que conterá os seguintes dados: Aeronave/motor no qual foi instalado; Datas de instalação/remoção; Horas parciais e totais de funcionamento; Motivo de remoção; Diretivas Técnicas incorporadas; Serviços executados no item; Datas de execução dos serviços e Peças substituídas.

1.1.55. FISCAL: Agente da Administração especialmente designado como seu representante para acompanhar e fiscalizar a execução do instrumento contratual, permitida a contratação de terceiros para assisti-lo e subsidiá-lo de informações pertinentes a essas atribuições nas situações em que o seu conhecimento técnico não seja suficiente para exercê-las.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

1.1.55.1. É o responsável pelo recebimento e remessa de todas as comunicações, orçamento e aprovação de orçamento.

1.1.55.2. É o responsável pelo encaminhamento de orçamentos para aprovação pelo ORDENADOR DEDESPESAS do PAMAS.

1.1.56. GLOG: Grupo Logístico que possui a atribuição de coordenar, orientar e fiscalizar as atividades da cadeia de suprimento e manutenção nas respectivas ALAs.

1.1.57. GMM: Guia de Movimentação de Material. Este termo designará o documento, emitido pela CONTRATANTE, que acompanhará o item aeronáutico que irá sofrer algum serviço na empresa CONTRATADA.

1.1.58. HANDLING: Todo acréscimo, em termos de porcentagem, em relação a um preço ou valor de referência em função da aquisição de material e seus respectivos ônus financeiro, despesas direta e indireta e lucro.

1.1.59. H-60L: Aeronave designada pelo fabricante como S-70. É um helicóptero médio bimotor de transporte utilitário e assalto. NA FAB é conhecido como H-60L.

1.1.60. H/H: Homem-hora.

1.1.61. HSCA: Histórico de Serviços de Componentes e Acessórios.

1.1.62. ICA 65-8: Instrução do Comando da Aeronáutica sobre as Atribuições do Fiscal de Contrato e COMREC.

1.1.63. ICA 66-13: Instrução do Comando da Aeronáutica sobre os Serviços de Manutenção nas Empresas Aeronáuticas.

1.1.64. IHS: Catálogo Federal Americano de Preço de Peça.

1.1.65. INCOTERMS 2010: Termos Internacionais de Comércio.

1.1.66. INVOICE: Documento comercial que formaliza uma operação dos serviços descritos neste Projeto Básico como exterior, contendo quantidade, preço e condições de pagamentos das mercadorias ou dos serviços prestados.

1.1.67. LEI nº 8.666 – Lei de 21 de junho de 1993, que regulamenta o art. 37, inciso XXI, da Constituição Federal, institui normas para licitações e contratos da Administração Pública e dá outras providências. Estabelece regras ou normas gerais sobre licitações e contratos administrativos pertinentes a obras, serviços, inclusive de publicidade, compras, alienações e locações no âmbito dos Poderes da União, dos Estados, do Distrito Federal e dos Municípios.

1.1.68. LOG CARD: Registro histórico.

1.1.69. MODIFICAÇÃO: É a prestação de serviço realizada em item recuperável, visando o cumprimento de um Boletim ou Norma Técnica.


No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

1.1.70. MANUTENÇÃO PROGRAMADA: Significa uma Manutenção realizada em intervalos determinados previamente para manter um Componente reparável em condições operacionais, através de inspeção sistemática, detecção e substituição de Componentes gastos, ajuste, calibração e limpeza, de acordo com os manuais.

1.1.71. MANUTENÇÃO NÃO-PROGRAMADA: Significa a Manutenção que não tenha sido contemplada pela MANUTENÇÃO PROGRAMADA ou que ocorreu antes do prazo esperado, e que foi realizada para que a condição de aeronavegabilidade do componente reparável, ou de um componente fosse restaurada através da correção de uma falha ocorrida ou detectada por intermédio de um procedimento de pesquisa de panes evidente, de uma suspeita de mau funcionamento e/ou de um defeito, de acordo com os manuais.

1.1.72. NATO: Sistema de Catalogação da OTAN e descrito no site http://www.nato.int/structur/AC/135/nmcr/nmcr_e/index.htm.

1.1.73. NÃO ADEQUADOS AO USO: Em desacordo com os padrões de aeronavegabilidade estabelecidos pela AAA.

1.1.74. NEW SURPLUS: Item novo na prateleira.

1.1.75. NEW MANUFACTURE: Item novo ainda não estocado.

1.1.76. NF: Nota Fiscal.

1.1.77. NFF: Itens enviados pela CONTRATANTE e que não necessitam de reparo.

1.1.78. NSN: NATO Stock Number ou número de estoque da OTAN.

1.1.79. OEM: Fabricante Original do Equipamento.

1.1.80. OFICINA: Instalação da CONTRATADA onde serão executados os serviços objetos deste Projeto Básico. Também se considera oficina o local de execução dos serviços descritos no Objeto deste Projeto Básico.

1.1.81. OPERADORES: Unidades Aéreas e Parques de Material Aeronáutico **ORDENADOR DE DESPESAS:** É todo Agente da Administração ou Agente Público que exerce a função de direção das atividades de administração orçamentária, financeira e patrimonial na UG.

1.1.82. PROCESSO ADMINISTRATIVO DE GESTÃO (PAG) - Consiste na reunião cronológica das peças que compõem um processo, a partir da inicial que o originou até o índice, com todas as folhas rubricadas e numerada sem ordem crescente, a partir da capa, esta com indicações relativas ao assunto, ao interessado e à data.

1.1.83. P-3AM: Aeronave de patrulhamento marítimo de longo alcance e guerra antissubmarina.

1.1.84. PAMALS: Parque de Material Aeronáutico de Lagoa Santa. Parque Central dos Projetos C-95, C-97, C-98, C-105, H-60L, F-5, P-3AM, T-25 e T-27.


No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

1.1.85. PARQUE CENTRAL - PAMAs: Órgão executivo do SISMA responsável por todas as providências necessárias às atividades de suprimento, manutenção, apoio técnico aos operadores, controle geral de um projeto ou equipamento atribuído ao seu encargo pelos operadores e controle geral de um projeto ou equipamento atribuído ao seu encargo pelo Órgão Central do sistema, bem como por conhecer perfeitamente a situação dos equipamentos de aplicação nos projetos sob seu encargo, cuja recuperação seja de responsabilidade de outro Parque, na condição de Parque Oficina. O Parque Central é o gestor do Projeto como um todo, inclusive dos componentes eventualmente atribuídos a um ou mais Parques Oficina.

1.1.86. PB: Projeto Básico.

1.1.87. PEÇAS REJEITADAS: Peças consideradas pela CONTRATADA como Inadequadas ao Uso e cujos reparos sejam economicamente inviáveis (BER), com valor de reparo superior a 70% da peça nova.

1.1.88. PN: Número de Peça ou "Part Number".

1.1.89. PMA: Itens não originais de fábrica que podem ser aplicados as aeronaves com certificação pela FAA ou Autoridade Civil ou Militar que tenha a mesma competência.

1.1.90. PEQUENO REPARO: É a prestação de serviços, em item reparável, visando colocá-lo em condições de utilizável. Podendo o mesmo, após o reparo, ser colocado diretamente para a "linha de voo" ou, retornado ao estoque de utilizáveis. Difere do reparo pelo grau de intervenção de mão de obra e material para o retorno do item a linha de voo.

1.1.91. PRICE LIST: Lista de preço emitida pelo fabricante das peças que foram utilizadas no serviço.

1.1.92. REFORMA – É a prestação de serviço em item reparável que consiste na incorporação de itens (spare parts) visando um "upgrade" daquele item.

1.1.93. REMOÇÃO PROGRAMADA DE COMPONENTE: Quando uma peça atingir seu limite programado para sua remoção, ele deve ser retirado do serviço e enviado à Oficina para que sofra uma revisão.

1.1.94. REMOÇÃO NÃO-PROGRAMADA DE COMPONENTE (PREMATURA): Quando uma peça apresentar falha funcional antes de atingir o tempo entre revisões e a ação corretiva prescrita não eliminar a falha, ele é removido de serviço, não importando horas, tempo, nº de partidas ou de funcionamento ainda disponíveis e encaminhado à Oficina revisora.

1.1.95. REPARO: É a prestação de serviços, em item reparável, visando colocá-lo em condições de utilizável. Podendo o mesmo, após o reparo, ser colocado diretamente para a "linha de voo" ou, retornado ao estoque de utilizáveis.

1.1.96. REVISÃO GERAL ou "OVERHAUL": É a prestação de serviço que engloba um conjunto maior de intervenções, com troca de partes obrigatórias, em um item reparável, que não obrigatoriamente estará avariado; podendo ocorrer para cumprimento de TBO.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

1.1.97. SEGVOO 003 (Etiqueta de Aprovação de Aeronavegabilidade) – Formulário destinado ao registro primário de manutenção, visando à aprovação do retorno ao serviço de motores, hélices e produtos aeronáuticos Classes II e III, após manutenção, manutenção preventiva, recondicionamento, modificação ou reparo, de acordo com a Seção 43.9 do RBHA 43, emitido pela ANAC.

1.1.97.1. O preenchimento do formulário deverá seguir ao previsto na Instrução Normativa n.º IAC 3149-21/43-0302, de 01 abr. 2002, emitida pela ANAC.

1.1.97.2. A CONTRATADA deverá apresentar documento similar ao SEGVOO do país que irá realizar o serviço.

1.1.98. SILOMS: Sistema Integrado de Logística de Manutenção e Serviço, do Comando da Aeronáutica. “Software” utilizado pela FAB, com a finalidade de registrar, identificar e movimentar material aeronáutico.

1.1.99. SISMA: Sistema de Material da Aeronáutica.

1.1.100. S/N: Número de Série ou “Serial Number”. Código Alfa numérico que individualiza um equipamento. Tal código fica apostado no referido equipamento.

1.1.101. T-25: Designativo atribuído pela Força Aérea Brasileira à aeronave Neiva T-25, conhecida pelo nome de T-25.

1.1.102. T-27: Designativo atribuído pela Força Aérea Brasileira à aeronave EMB T-27, conhecida pelo nome de Tucano.

1.1.103. TAT: Turn Around Time, tempo entre o recebimento da peça pela CONTRATADA e seu retorno à CONTRATANTE em condição de uso, após serviço executado previsto no PB.

1.1.104. TAXA PRORATA (P): É uma taxa administrativa a ser paga por uma das partes, em caso de Exchange.

1.1.105. TBO: “Time Between Overhaul”. É o tempo entre duas revisões gerais de um item ou equipamento.

1.1.106. TCTR: Subdivisão de Controle dos Parques de Material Aeronáutico.

1.1.107. TLV: “Tempo Limite de Vida” de um item reparável.

1.1.108. TSN: É o tempo total de utilização de um item ou equipamento desde novo.

1.1.109. TSO: É o tempo de utilização de um item ou equipamento desde a última revisão geral.

1.1.110. TTEC: Divisão Técnica dos Parques de Material Aeronáutico PAMAS.

1.1.111. UNIDADE ADMINISTRATIVA: É a Organização Militar (O.M.) ou sua fração encarregada, por atos legais, da gerência de patrimônio e de recursos creditícios ou financeiros a ela especificamente atribuídas, no todo ou em parte.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

1.1.112. UNIDADE GESTORA(UG): – É a denominação genérica de UNIDADE ADMINISTRATIVA.

1.1.113. WEBFLIS: Catálogo federal americano.

2. CLÁUSULA – OBJETO

2.1. O objeto deste PROCESSO LICITATÓRIO é a prestação de serviço incluindo calibração, reforma, recuperação e/ou revisão, troca (*exchange*) de componentes reparáveis, diretivas técnicas, publicações dos componentes reparáveis, troca (*exchange*) para atendimento as inspeções programadas e não programadas das aeronaves **C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105** do COMAER, e para atender a produção de reparáveis feita nos Parques de Material Aeronáutico, incluindo serviços adicionais, conforme especificações técnicas e quantidades apresentadas no PROJETO BÁSICO nº 008 Reparáveis Exterior, anexo A. e o módulo de reparos abaixo:

Módulo de reparos	Ata	Descrição
1	12	SERVICING ROUTINE MAINTENANCE
2	17	UNASSIGNED
3	19	UNASSIGNED
4	21	AIR CONDITIONING
5	22	AUTO FLIGHT
6	23	COMMUNICATIONS
7	24	ELECTRICAL POWER
8	25	EQUIPMENT / FURNISHINGS
9	26	FIRE PROTECTION
10	27	FLIGHT CONTROLS
11	28	FUEL
12	29	HYDRAULIC POWER
13	31	INDICATING/RECORDING SYSTEMS
14	32	LANDING GEAR
15	33	LIGHTING
16	34	NAVIGATION
17	35	OXYGEN SYSTEM
18	36	PNEUMATIC
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)
20	46	INFORMATION SYSTEM
21	53	FUSELAGE
22	56	WINDOWS
23	61	PROPELLERS
24	62	MAIN ROTOR
25	63	MAIN ROTOR DRIVE
26	67	ROTORS FLIGHT CONTROL
27	71	POWER PLANT

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

28	72	ENGINE TURBINE
29	73	ENGINE FUEL AND CONTROL
30	74	IGNITION
31	75	AIR
32	76	ENGINE CONTROLS
33	77	ENGINE INDICATING
34	79	OIL
35	80	STARTING
36	81	TURBINES
37	NID	NÃO IDENTIFICADOS
38	OUTROS	OUTROS

2.2. Para todos os efeitos, os seguintes anexos serão parte integrante do presente CONTRATO, independentemente de existirem ou não, eles são aqui transcritos:

- ANEXO A – PROJETO BÁSICO nº 008 Reparáveis Exterior;
- ANEXO B – PROPOSTA DE PREÇO DA CONTRATADA; e
- ANEXO C – CRONOGRAMA FÍSICO-FINANCEIRO.
- ANEXO D – CONTRATO EM PORTUGUÊS.

3. CLÁUSULA – EXECUÇÃO CONTRATUAL

3.1. O CONTRATO deverá ser realizado sob demanda, sob a forma de execução indireta, pelo regime de empreitada por preço unitário, de acordo com o ANEXO A – PROJETO BÁSICO.

4. CLÁUSULA – IDIOMA

4.1. Fica acordado entre as partes que o idioma do presente CONTRATO, com a finalidade de documentação, correspondência, e quaisquer outros interesses será o **Inglês**, com tradução para o Português, que integra o presente contrato, conforme Anexo D, possuindo o mesmo conteúdo e deverá ser assinado pelas mesmas partes e testemunhas.

5. CLÁUSULA – CONDIÇÕES PARA A PRESTAÇÃO DOS SERVIÇOS

5.1. Os serviços devem ser executados pela CONTRATADA conforme descrito neste termo e no PROJETO BÁSICO, Anexo A.

5.2. A CONTRATADA deverá aceitar e manter todas as condições exigidas na habilitação realizada durante o processo de licitação e durante a vigência do presente CONTRATO.

6. CLÁUSULA – OBRIGAÇÕES

6.1. Além do estabelecido no item 15.2 do Projeto Básico, Anexo A, a parte CONTRATADA estará ainda obrigada a:

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

- 6.1.1.** Executar os serviços de acordo com as especificações fornecidas no PROJETO BÁSICO e na sua proposta, com os recursos necessários para a plena conformidade com as disposições do CONTRATO em comento;
- 6.1.2.** Observar rigorosamente as especificações e instruções contidas no Edital de Licitação;
- 6.1.3.** Assumir a responsabilidade total pelo fornecimento dos materiais e serviços contratados;
- 6.1.4.** Assegurar o fornecimento de todos os materiais e/ou equipamentos necessários para o cumprimento das obrigações contratuais;
- 6.1.5.** Assumir a responsabilidade pela seleção, qualificação, transporte, alimentação, alojamento, contratação e rescisão trabalhista de seus empregados, assim como para a situação jurídica da CONTRATADA para com as autoridades trabalhistas, de trânsito e seguros. A falha da CONTRATADA em cumprir com as obrigações estabelecidas neste CONTRATO, não torna a CONTRATANTE responsável por quaisquer pagamentos;
- 6.1.6.** Assumir a responsabilidade, ademais, por danos causados diretamente a CONTRATANTE, decorrente do desempenho dos serviços prestados pelos funcionários da CONTRATADA ou agentes nomeados;
- 6.1.7.** Fornecer todos os esclarecimentos solicitados pela CONTRATANTE, averiguando imediatamente as reclamações;
- 6.1.8.** Substituir, sem nenhum custo para a CONTRATANTE, todo o material ou equipamento fornecido danificado de qualquer forma ou danos causados pelo manuseio inadequado pelos empregados da CONTRATADA, ou que tenha sido rejeitado durante os testes de inspeção;
- 6.1.9.** Transportar, manusear e armazenar, com o cuidado adequado evitando choques, golpes ou a quebra, os materiais que serão usados durante o serviço, cuidando devidamente dos materiais que estão sujeitos a danos em virtude de calor, luz e umidade, e que devam ser armazenados em um ambiente adequado para a sua proteção, até que eles sejam utilizados;
- 6.1.10.** Arcar com as responsabilidades civis por todos e quaisquer materiais e por prejuízos causados por ação ou omissão por empregados contratados, trabalhadores, agentes ou representantes da CONTRATADA, intencionalmente ou não, perante o Comando da Aeronáutica, e terceiros;
- 6.1.11.** Contratar trabalhadores qualificados, com conhecimento essencial dos serviços que serão executados em conformidade com as regras e regulamentos em vigor;
- 6.1.12.** Ser responsável por todas as obrigações trabalhistas, sociais e fiscais, bem como por quaisquer outros direitos e obrigações previstos na legislação específica. A violação de quaisquer destas obrigações, não implica na transferência destas responsabilidades à CONTRATANTE;
- 6.1.13.** Instruir seus funcionários sobre a necessidade de seguirem as orientações fornecidas pela CONTRATANTE, inclusive no que diz respeito às normas e/ou regulamentos estabelecidas pela OM, se for o caso;

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

- 6.1.14.** Manter ao longo do prazo do CONTRATO, a coerência com as obrigações assumidas e todas as condições de elegibilidade e qualificação exigidas na licitação;
- 6.1.15.** Não transferir a terceiros, de qualquer forma, nem mesmo parcialmente, quaisquer responsabilidades assumidas;
- 6.1.16.** Ser responsável por quaisquer custos resultantes de eventuais erros cometidos no cálculo da quantidade de itens na sua proposta, incluindo-se os custos variáveis associados com fatos futuros e incertos, sendo responsável por cobrir os itens que foram inicialmente previstos na sua proposta, mas que não foram suficientes para executar o objeto do presente processo licitatório;
- 6.1.17.** A CONTRATADA será responsável pela prestação de todos os serviços e os mesmos devem ser realizados em conformidade com o CONTRATO e o PROJETO BÁSICO;
- 6.1.18.** Não realizar quaisquer serviços extras antes de fornecer um orçamento estimado, que deve ser autorizado formalmente pela CONTRATANTE;
- 6.1.19.** Nomear um gestor responsável pela gerenciamento global das atividades / serviços, monitorando o CONTRATO e interagindo com a FISCALIZAÇÃO;
- 6.1.20.** Cumprir todos os prazos previstos no CONTRATO;
- 6.1.21.** Cumprir todas as exigências da CONTRATANTE, especialmente àquelas relacionadas aos prazos, desempenho e conclusão dos serviços contratados, bem como com os requisitos relacionados aos serviços sob prazo especial, prioritários e emergenciais;
- 6.1.22.** Observar o horário comercial das Organizações Militares, de acordo com a sua conveniência ou necessidade de qualquer mudança, comunicando/solicitando as alterações em relação ao horário de trabalho à FISCALIZAÇÃO com pelo menos 24 (vinte e quatro) horas de antecedência;
- 6.1.23.** Ser responsável por quaisquer reclamações e encargos financeiros que possam surgir de quaisquer processos judiciais, ou danos causados direta ou indiretamente pela CONTRATADA, e que possa, eventualmente, ser argumentado contra a CABW, por terceiros;
- 6.1.24.** Usar equipamentos e ferramentas adequados, visando permitir a correta execução dos serviços, e utilizar métodos eficientes e seguros de trabalho;
- 6.1.25.** É proibido a CONTRATADA divulgar a terceiros quaisquer informações sobre a natureza ou a progressão da entrega de material contemplado por este CONTRATO, bem como notificar a imprensa escrita ou oral, incluindo a televisão e / ou qualquer outro meio de divulgação pública, exceto com o consentimento explícito da CONTRATANTE.
- 6.2.** Além do estabelecido no item 15.1 do Projeto Básico, Anexo A, a CONTRATANTE, por meio da assistência do FISCALIZAÇÃO, devidamente designado para tal função, será obrigada a:
- 6.2.1.** Nomear uma comissão de recebimento (COMREC), por meio de documento interno, para receber qualitativa e quantitativamente o objeto do CONTRATO;


No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

- 6.2.2.** Proporcionar todas as condições que possibilitem a CONTRATADA proceder a execução dos serviços, em conformidade com as disposições previstas no CONTRATO, no Edital e em seus anexos, particularmente, no PROJETO BÁSICO;
- 6.2.3.** Exigir o cumprimento de todas as obrigações assumidas pela CONTRATADA de acordo com as disposições contidas no PROJETO BÁSICO, no CONTRATO e nos termos e condições de sua proposta;
- 6.2.4.** Efetuar a supervisão de serviços por agentes da Administração oficialmente designados para este fim, que registrarão quaisquer falhas encontradas;
- 6.2.5.** Notificar a CONTRATADA por escrito a ocorrência de quaisquer irregularidades durante a execução dos serviços, e estabelecer um prazo para a sua correção, de acordo com a ICA 12-23;
- 6.2.6.** Pagar a CONTRATADA o montante devido pela prestação de serviços, tal como estabelecido no CONTRATO por meio do recebimento e aceite de uma fatura; e
- 6.2.7.** Certificar-se que, ao longo do prazo do CONTRATO, todas as condições de elegibilidade e qualificações exigidas no processo de licitação serão mantidas, em conformidade com as obrigações assumidas pela CONTRATADA.

7. CLÁUSULA – DISCRIMINAÇÃO DOS SERVIÇOS

7.1. O CONTRATO deve ser realizado pela CONTRATADA conforme as disposições previstas no presente CONTRATO e no PROJETO BÁSICO.

8. CLÁUSULA – VALOR DO CONTRATO

8.1. O montante estimado máximo total do contrato é de **US\$ [VALOR] (VALOR)**, sendo empenhado inicialmente o valor de US\$ [VALOR] (VALOR), por meio da Nota de Empenho nº [NÚMERO], sendo os restantes US\$ [VALOR] (VALOR), o complemento da Nota de Empenho acima referida, conforme os valores dos módulos de reparo, abaixo

Módulo de Reparo	Ata	Descrição	Valor Contratado
1	12	SERVICING ROUTINE MAINTENANCE	
2	17	UNASSIGNED	
3	19	UNASSIGNED	
4	21	AIR CONDITIONING	
5	22	AUTO FLIGHT	
6	23	COMMUNICATIONS	
7	24	ELECTRICAL POWER	
8	25	EQUIPMENT / FURNISHINGS	
9	26	FIRE PROTECTION	
10	27	FLIGHT CONTROLS	
11	28	FUEL	
12	29	HYDRAULIC POWER	
13	31	INDICATING/RECORDING SYSTEMS	
14	32	LANDING GEAR	
15	33	LIGHTING	
16	34	NAVIGATION	

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

17	35	OXYGEN SYSTEM	
18	36	PNEUMATIC	
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)	
20	46	INFORMATION SYSTEM	
21	53	FUSELAGE	
22	56	WINDOWS	
23	61	PROPELLERS	
24	62	MAIN ROTOR	
25	63	MAIN ROTOR DRIVE	
26	67	ROTORS FLIGHT CONTROL	
27	71	POWER PLANT	
28	72	ENGINE TURBINE	
29	73	ENGINE FUEL AND CONTROL	
30	74	IGNITION	
31	75	AIR	
32	76	ENGINE CONTROLS	
33	77	ENGINE INDICATING	
34	79	OIL	
35	80	STARTING	
36	81	TURBINES	
37	NID	NÃO IDENTIFICADOS	
38	OUTROS	OUTROS	

8.2. No valor contratado estão incluídas todas as despesas resultantes da execução dos serviços, direta ou indiretamente, incluindo, mas não se limitando, a qual é descrita a seguir: todos os custos como as taxas e/ou impostos, em conformidade com PROJETO BÁSICO, contribuições sociais, despesas, seguros, compensação do trabalhador, seguro de responsabilidade civil, trabalhista, previdência social, fiscal, taxas de administração, equipamentos, materiais, e toda e qualquer outro custo ou taxas necessárias para a execução do objeto do CONTRATO.

9. CLÁUSULA – DOTAÇÃO ORÇAMENTÁRIA

9.1. As despesas decorrentes deste Projeto Básico deverão ser custeadas de acordo com a seguinte classificação orçamentária: Programa 2058 – Defesa Nacional, Ação 2048 – Suprimento e Manutenção de Aeronaves, ou outra disponível, Natureza de Despesa 339039 (Outros Serviços de Terceiros Pessoa Jurídica).

9.2. A informação constante neste item é uma exigência do Governo Brasileiro, tendo apenas finalidade informativa.

10. CLÁUSULA – SUBCONTRATAÇÃO

10.1. O limite máximo aceito para subcontratação da execução do presente objeto é de até 50% (cinquenta por cento), calculado sobre o valor contratado, nos termos do subitem 13.2 do Projeto Básico, Anexo A.

10.2. A subcontratação deve ser autorizada pelo Chefe da CABW, mediante parecer técnico da FISCALIZAÇÃO, juntamente com a especificação das atividades que serão subcontratadas e o período que terão de ser realizados;


No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

10.3. As empresas subcontratadas deverão possuir todos os requisitos de qualificação técnica estabelecidas no PROJETO BÁSICO, Anexo A, conforme atividade a ser desempenhada.

10.4. A CONTRATADA será responsável legal e contratualmente perante a CONTRATANTE pelos serviços subcontratados. Toda comunicação e/ou esclarecimentos ocorrerão diretamente entre CONTRATANTE e CONTRATADA. A comunicação e/ou esclarecimentos junto às subcontratadas será de inteira responsabilidade da CONTRATADA.

10.5. A CONTRATADA será responsável legal e contratualmente perante a CONTRATANTE pelos serviços subcontratados. A CONTRATADA responderá inteira e solidariamente pelas garantias, não somente dos serviços, mas, também, pela cobertura de seguros que lhe são imputados, em casos de sinistros ou avarias decorrentes dos serviços executados pela sua subcontratada.

10.6. Em caso de necessidade de subcontratação, conforme art. 72 da Lei 8.666, de 1993, as seguintes recomendações devem ser seguidas:

10.6.1. A CONTRATADA arcará com os riscos e ônus decorrente da subcontratação, incluindo-se, mas não se restringindo, a garantia da qualidade do serviço prestado.

10.6.2. A CONTRATADA deverá fornecer à CONTRATANTE, por meio do Fiscal do Contrato, todas as informações exigidas deste sobre o serviço, bem como das subcontratadas.

10.6.3. A CONTRATADA não ficará isenta de suas responsabilidades ou obrigações contratuais quando, em função de qualquer tipo de ajuste com suas subcontratadas, não for possível o cumprimento de qualquer das obrigações previstas no contrato.

11. CLÁUSULA – PRAZOS

11.1. Prazo de Vigência

11.1.1. O prazo de vigência do Contrato deverá ser de **42 (quarenta e dois) meses**, a contar da data de sua assinatura, conforme o subitem 7.1 do Projeto Básico.

11.1.2. Qualquer prorrogação será mediante Termo Aditivo devidamente documentado, firmado pela CONTRATANTE e CONTRATADA, com antecedência de pelo menos 90 (noventa) dias para o término de tal prazo, conforme Orientação Normativa AGU nº 38, de 13 de novembro de 2011.

11.2. Prazo de Execução

11.2.1. contrato deverá ter prazo de execução de **34 (trinta e quatro) meses**, a contar da data de sua assinatura, conforme o subitem 7.2 do Projeto Básico.

11.3. Prazo de Recebimento

11.3.1. Os serviços serão recebidos provisoriamente no prazo de 15 (quinze) dias, a contar da chegada dos componentes na CABE/CABW, pela COMREC na CABE/CABW, para efeito de posterior verificação de sua conformidade com as especificações constantes no Projeto Básico e na proposta, devendo ser elaborado relatório circunstanciado, contendo o registro, a análise e a conclusão acerca das ocorrências na execução do contrato e demais documentos que julgarem necessários, devendo encaminhá-los ao fiscal do contrato

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

11.3.2. Os serviços poderão ser rejeitados, no todo ou em parte, quando em desacordo com as especificações constantes neste Projeto Básico e na proposta, devendo ser corrigidos/refeitos/substituídos no prazo fixado pelo fiscal do contrato, às custas da Contratada, sem prejuízo da aplicação de penalidades.

11.3.3. Os serviços serão recebidos definitivamente no prazo de 20 (vinte) dias, contados do recebimento provisório, pela COMREC na CABE/CABW, após a verificação da qualidade e quantidade do serviço executado e materiais empregados, com a consequente aceitação mediante termo circunstanciado.

11.3.3.1. Na hipótese de a verificação a que se refere o subitem anterior não ser procedida dentro do prazo fixado, reputar-se-á como realizada, consumando-se o recebimento definitivo no dia do esgotamento do prazo.

11.4. Tempo de Processamento para Pagamento

11.4.1. O prazo de pagamento será de até **30 (trinta)** dias corridos, contados a partir da data da emissão do termo de recebimento definitivo pela COMREC, em conformidade com o subitem 7.4 do Projeto Básico, Anexo A.

12. CLÁUSULA – GARANTIA FINANCEIRA

12.1. Apresentação de uma garantia financeira será exigida da CONTRATADA, no montante de **5% (cinco por cento)** do valor total do contrato, no prazo de 20 (vinte dias) após a assinatura do CONTRATO, em dólares americanos (USD), em conformidade com o item 20 do Projeto Básico, Anexo A.

12.2. A garantia que não abranger todos os possíveis riscos e perdas associadas com a execução do Contrato não será aceita.

12.3. A Garantia Financeira deve ser válida durante todo o prazo do CONTRATO.

12.4. Se o montante da garantia for utilizado, no todo ou em parte, a CONTRATADA deve repor o respectivo montante no prazo de 20 (vinte) dias, a partir da data em que for notificada.

12.5. Após a conclusão do CONTRATO, e após a confecção do último Termo de Recebimento Definitivo, quando o cumprimento regular de todas as obrigações da CONTRATADA for verificado, a garantia será liberada e devolvida.

12.6. Todos os custos associados à garantia financeira são por conta da CONTRATADA.

12.7. Se o contrato for aditivado, a garantia financeira deverá ser estendida para refletir a data de vencimento do CONTRATO.

13. CLÁUSULA - GARANTIA TÉCNICA

13.1. A garantia técnica seguirá conforme o que preconiza o item 11 do Projeto Básico, Anexo A.

14. CLÁUSULA - LOCAL DE EXECUÇÃO

14.1. O local de execução dos serviços está descrito no item 8 do Projeto Básico, Anexo A.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

15. CLÁUSULA – ALTERAÇÕES CONTRATUAIS

15.1. O CONTRATO poderá ser alterado unilateralmente pela CONTRATANTE nas seguintes situações:

15.1.1. Quando houver modificação do projeto ou das especificações, para melhor adequação técnica aos seus objetivos.

15.1.2. Quando necessária a modificação do valor contratual em decorrência de acréscimo ou diminuição quantitativa de seu objeto

15.1.3. A CONTRATADA fica obrigada a aceitar, nas mesmas condições contratuais, os acréscimos ou supressões que se fizerem nos serviços, até 25% (vinte e cinco por cento) do valor inicial atualizado do contrato.

15.1.3.1.1. Deduções no montante que exceda ao limite de 25% (vinte e cinco por cento) do valor do CONTRATO somente serão feitas quando ambas as partes estiverem de acordo.

15.2. O CONTRATO poderá ser alterado por acordo entre as partes nas seguintes situações:

15.2.1. Quando necessária a modificação do regime de execução da obra ou serviço, bem como do modo de fornecimento, em face de verificação técnica da inaplicabilidade dos termos contratuais originários;

15.2.2. Quando necessária a modificação da forma de pagamento, por imposição de circunstâncias supervenientes, mantido o valor inicial atualizado, vedada a antecipação do pagamento, com relação ao cronograma financeiro fixado, sem a correspondente contraprestação de fornecimento de bens ou execução de obra ou serviço;

15.2.3. Para restabelecer a relação que as partes pactuaram inicialmente entre os encargos do contratado e a retribuição da administração para a justa remuneração do serviço, objetivando a manutenção do equilíbrio econômico-financeiro inicial do contrato, na hipótese de sobrevirem fatos imprevisíveis, ou previsíveis porém de consequências incalculáveis, retardadores ou impeditivos da execução do ajustado, ou, ainda, em caso de força maior, caso fortuito ou fato do príncipe, configurando álea econômica extraordinária e extracontratual.

16. CLÁUSULA - ALTERAÇÃO SUBJETIVA

16.1. É admissível a fusão, cisão ou incorporação da CONTRATADA com/em outra pessoa jurídica, desde que sejam observados pela nova pessoa jurídica todos os requisitos de habilitação exigidos neste Edital de Licitação; sejam mantidas as demais cláusulas e condições do Contrato; não haja prejuízo à execução do objeto pactuado e haja anuência expressa da Administração à continuidade do Contrato.

17. CLÁUSULA - AJUSTE DE PREÇOS

17.1. Conforme Art. 65, da Lei 8666, de 1993, o contrato poderá ser alterado para restabelecer a relação que as partes pactuaram inicialmente entre os encargos do contratado e a retribuição da administração para a justa remuneração da obra, serviço ou fornecimento, objetivando a

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

manutenção do equilíbrio econômico-financeiro inicial do contrato, na hipótese de sobrevirem fatos imprevisíveis, ou previsíveis porém de consequências incalculáveis, retardadores ou impeditivos da execução do ajustado, ou, ainda, em caso de força maior, caso fortuito ou fato do príncipe, configurando álea econômica extraordinária e extracontratual.

17.2. O equilíbrio econômico financeiro será baseado em proposição formal da CONTRATADA e somente após o decurso de 12 meses da assinatura do Contrato.

17.3. O equilíbrio físico-financeiro será precedido de solicitação da CONTRATADA, acompanhado de planilha com a demonstração analítica da variação dos componentes dos custos do contrato, na qual deverão constar a composição do preço atual e a do preço da proposta.

17.4. É vedada a inclusão, de benefícios não previstos na proposta inicial, exceto quando se tornarem obrigatórios por força de instrumento legal, sentença normativa, acordo coletivo ou convenção coletiva.

17.5. Quando da solicitação de equilíbrio econômico financeiro, este somente será concedida mediante negociação entre as partes, considerando-se:

17.5.1. A ocorrência de fato imprevisível, ou previsível porém de consequências incalculáveis retardador ou impeditivo da execução do ajustado e a sua adequada caracterização;

17.5.2. A ocorrência de caso de força maior, de caso fortuito, ou fato do príncipe, configurando álea econômica extraordinária ou extracontratual, a sua adequada configuração;

17.5.3. A demonstração do desequilíbrio, mediante requerimento da contratada contendo duas planilhas de composição dos preços: uma da proposta de preços inicial e outra do preço atual;

17.5.4. O exame econômico da planilha mediante a conferência de cálculos aritméticos para a obtenção do novo preço;

17.5.5. A elaboração da memória de cálculo correspondente;

17.5.6. A análise do novo preço re-equilibrado em relação aos preços de mercado;

17.5.7. A existência de dotação orçamentária para custear uma eventual alteração do preço

17.6. A decisão sobre o pedido deve ser feita no prazo máximo de sessenta dias, contados a partir da solicitação e da entrega dos comprovantes de variação dos custos.

17.7. No caso de equilíbrio econômico-financeiro, será lavrado termo aditivo ao contrato vigente.

17.8. O prazo referido no parágrafo anterior ficará suspenso enquanto a CONTRATADA não cumprir os atos ou apresentar a documentação solicitada pela contratante para a comprovação do desequilíbrio.

17.9. A CONTRATANTE poderá realizar diligências para conferir o desequilíbrio alegado pela CONTRATADA.

17.10. A apresentação da proposta de equilíbrio econômico-financeiro pela CONTRATADA não obriga a aceitação pela CONTRATANTE.

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

17.11. Caso a CONTRATADA não apresente outros índices devidamente justificados, o valor máximo do equilíbrio econômico-financeiro será o corresponderá à variação do CPI (*Customer Price Index, issued by the Bureau of Labor Statistics – BLS – Relativo ao Ministério do Trabalho Norte-Americano*).

18. CLÁUSULA – PAGAMENTO

18.1. O prazo de pagamento será de até 30 (trinta) dias corridos contados a partir da data da apresentação do TERMO DE RECEBIMENTO, acompanhado da Nota Fiscal, em conformidade com o item 7.4 do Projeto Básico, e com o rito processual asseverado na ICA 65-8.

18.2. A fatura será emitida pela CONTRATADA de acordo com os seguintes procedimentos:

18.2.1. A "aprovação" da Nota Fiscal está condicionada ao cumprimento dos serviços descritos na fatura apresentada pela CONTRATADA; e

18.2.2. Em caso de falha na apresentação dos documentos necessários, ou de uma situação que impeça que a fatura seja paga, o pagamento permanecerá suspenso até que a CONTRATADA tome as medidas cabíveis para resolver todas as questões pendentes. Neste caso, o prazo para pagamento contará depois que as pendências forem solucionadas pela CONTRATADA, sem quaisquer custos para a CONTRATANTE.

18.3. A data do pagamento será quando a transferência bancária for processada pelo banco da CONTRATANTE. A CONTRATANTE não será responsável por quaisquer taxas cobradas pela instituição financeira da CONTRATADA.

18.4. A CONTRATANTE não será responsável por quaisquer despesas que possam ser feitas pela CONTRATADA que não foram acordadas no CONTRATO.

18.5. Caso a CONTRATADA deseje receber o pagamento em outra moeda ao invés de Dolares Americanos, esta arcará com quaisquer custos de taxa de câmbio e de outras taxas bancárias porventura existentes.

18.5.1. O pagamento feito em moeda brasileira será efetuado à taxa de câmbio vigente no dia útil imediatamente anterior à data do efetivo pagamento.

19. CLÁUSULA – FISCALIZAÇÃO

19.1. A FISCALIZAÇÃO deverá ser realizada por agentes da Administração, especificamente designada pela Administração, de acordo com os preceitos estabelecidos pela Lei nº 8.666 / 1993, ICA nº 65-8 / 2009, e ICA nº 12-23 / 2014, de modo a acompanhar e fiscalizar o cumprimento do CONTRATO a ser executado.

19.2. A FISCALIZAÇÃO deverá ser realizada conforme o que preconiza este edital e o item 14 do Projeto Básico, Anexo A.

20. CLÁUSULA – RECEBIMENTO DO OBJETO

20.1. Os serviços que são objeto deste EDITAL devem ser recebidos pela COMREC em conformidade com as especificações estabelecidas no PROJETO BÁSICO, Anexo A.

20.1.1. Todas as propostas, perguntas, discrepâncias e dificuldades encontradas

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



MINUTA

durante a execução do CONTRATO ou que necessitem de uma avaliação devem ser apresentadas à FISCALIZAÇÃO, para apreciação do Chefe da CABW.

21. CLÁUSULA – CASOS FORTUITOS E FORÇA MAIOR

21.1. Eventos imprevisíveis ou de força maior devem ser comunicados por escrito ao Chefe da CABW, por meio da FISCALIZAÇÃO, de modo que ele possa decidir o curso de ação apropriado, desde que tenha sido comprovado que tais eventos afetem os serviços/materiais fornecidos em consonância com o objeto do presente CONTRATO.

21.2. Para os fins a que se destinam o presente CONTRATO, os eventos serão considerados imprevisíveis ou de força maior, caso se encaixem na descrição legal prevista no parágrafo único do art. 393 do Código Civil Brasileiro, ou nos termos do inciso II, §1º, art. 57 da Lei nº 8.666/93.

22. CLÁUSULA – PENALIDADES E SANÇÕES ADMINISTRATIVAS

22.1. As penalidades e sanções administrativas estão preconizadas no item 23 do Projeto Básico, Anexo A.

23. CLÁUSULA – VINCULAÇÃO

23.1. Este CONTRATO fica condicionado ao Edital nº 190011/CABW/2019, e à Proposta de Preço da CONTRATADA, apresentada pela empresa [NOME DA EMPRESA] para a CABW.

24. CLÁUSULA – RESCISÃO

24.1. De acordo como disposto no Art. 78 da Lei nº 8.666/93, as seguintes situações se constituem em motivos suficientes para cancelar o presente CONTRATO:

- 24.1.1.** O não cumprimento de cláusulas contratuais, especificações, projetos e prazos;
- 24.1.2.** Cumprimento irregular de cláusulas contratuais, especificações, projetos e prazos;
- 24.1.3.** A lentidão do seu cumprimento, levando a CONTRATANTE a comprovar a impossibilidade da conclusão dos serviços nos prazos estipulados;
- 24.1.4.** Atraso injustificado no início dos serviços;
- 24.1.5.** A paralisação do serviço, sem justa causa e prévia comunicação à Administração;
- 24.1.6.** A subcontratação total ou parcial do seu objeto, a associação da CONTRATADA com outrem, a cessão ou transferência, total ou parcial, bem como a fusão, cisão ou incorporação, não admitidas no Edital de Licitação e neste CONTRATO;
- 24.1.7.** O não atendimento das determinações regulares da autoridade designada para acompanhar e fiscalizar a sua execução, assim como as de seus superiores;
- 24.1.8.** O cometimento reiterado de faltas na sua execução, anotadas na forma do §1º do art. 67 da Lei 8.666/93;
- 24.1.9.** Decretação de falência ou a instauração de insolvência civil;

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----MINUTA-----

- 24.1.10.** Dissolução da sociedade ou o falecimento do contratado;
- 24.1.11.** Alteração social ou a modificação da finalidade ou da estrutura da CONTRATADA, que prejudique a execução do CONTRATO;
- 24.1.12.** Razões de interesse público, de alta relevância e amplo conhecimento, justificadas e determinadas pela máxima autoridade da esfera administrativa a que está subordinada a CONTRATADA, exaradas no processo administrativo do respectivo CONTRATO;
- 24.1.13.** A suspensão dos serviços, por ordem escrita da CONTRATANTE, por prazo superior a 120 (cento e vinte) dias, salvo em caso de calamidade pública, grave perturbação interna ou guerra, ou ainda por repetidas suspensões que totalizem o mesmo prazo. Além do pagamento obrigatório de indenização à CONTRATADA, esta também tem o direito nestes casos de suspender o cumprimento de suas obrigações até que a normalidade seja alcançada;
- 24.1.14.** O atraso superior a 90 (noventa) dias úteis dos pagamentos devidos pela CONTRATANTE decorrentes dos serviços, fornecimento e obras já recebidos ou executados, salvo em caso de calamidade pública, grave perturbação da ordem interna ou guerra. A CONTRATADA terá o direito de suspender o cumprimento das suas obrigações até que a normalidade seja alcançada;
- 24.1.15.** Falha da CONTRATANTE em disponibilizar as instalações ou o objeto para a realização de serviços dentro dos prazos estabelecidos;
- 24.1.16.** Casos fortuitos ou de força maior que impeçam a execução do CONTRATO, que deve ser devidamente demonstrado; e
- 24.1.17.** Descumprimento do disposto no inciso V, art. 27 da Lei nº 8.666/ 93, sem prejuízo das sanções penais cabíveis.
- 24.2.** A rescisão será formalmente registrada sob a lei, com os direitos ao devido processo legal e ampla defesa assegurados.
- 24.3.** A rescisão deste CONTRATO poderá ser:
- 24.3.1.** Decidida unilateralmente e por escrito pela CONTRATANTE nos casos listados nos itens 24.1.1 a 24.1.12 e 24.1.16 desta cláusula;
- 24.3.2.** A rescisão do CONTRATO também ocorrerá na suspensão pela Administração de serviços resultando em ajustes do montante inicial do CONTRATO até o limite de 25% (vinte e cinco por cento), sem responsabilidade da CONTRATADA;
- 24.3.3.** Amigável, por acordo entre as partes, reduzida a termo aditivo ao CONTRATO, desde que conveniente para a CONTRATANTE; e
- 24.3.4.** Judicialmente, nos termos da legislação aplicável.
- 24.4.** A CONTRATADA será restituída das perdas incorridas, desde que possa demonstrá-las, a respeito da rescisão do CONTRATO com base nos itens 24.1.12, 24.1.13, 24.1.14, 24.1.15 e 24.1.16 de acordo com esta cláusula, tendo o direito à:

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MARIO EMILIO FRAMIL CABIZUCA Lt Col



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- 24.4.1.** Devolução da garantia financeira;
 - 24.4.2.** Pagamentos devidos pela execução do CONTRATO até a data da rescisão; e
 - 24.4.3.** Pagamento do custo da desmobilização.
- 24.5.** A rescisão administrativa ou amigável deve ser precedida de autorização por escrito e bem fundamentada pela autoridade competente.
- 24.6.** A rescisão do CONTRATO por descumprimento de cláusulas contratuais, deverá fazer com que a garantia financeira a ser executada compense a CONTRATANTE no tocante às multas previstas na Cláusula 23 e as indenizações devidas. Quaisquer créditos decorrentes do CONTRATO serão retidos até ao limite das perdas causadas à CONTRATANTE, além das sanções previstas neste CONTRATO.
- 24.7.** O Termo de Rescisão deve incluir:
- 24.7.1.** Avaliação dos serviços contratuais prestados e aqueles que foram totalmente concluídos;
 - 24.7.2.** Lista de pagamentos efetuados e pagamentos devidos; e
 - 24.7.3.** Indenizações e multas.

25. CLÁUSULA – FORO

- 25.1.** Este CONTRATO será elaborado e interpretado de acordo com os princípios da Lei nº8.666/93, e será regido e executado de acordo com as leis do Distrito de Columbia, incluindo o *Uniform Commercial Code*, tal como adotado no Distrito de Columbia, sem levar em conta qualquer escolha de lei ou conflito de leis e doutrinas que possam ser aplicadas. A Convenção das Nações Unidas sobre Contratos para a Venda Internacional de Bens não terá aplicação a este CONTRATO.
- 25.2.** As partes acordam em fazer uma tentativa diligente, de boa fé para resolver amigavelmente todas as disputas antes que qualquer uma das partes inicie litígios nos termos da presente Cláusula 23 (Cláusula de Rescisão Contratual) deste CONTRATO.
- 25.3.** Quaisquer controvérsias ou reclamações decorrentes ou relacionadas a este CONTRATO, como uma violação do mesmo, devem ser apresentadas ao Superior Tribunal do Distrito de Columbia ou do Tribunal Distrital dos Estados Unidos no Distrito de Columbia, jurisdição exclusiva para o envio dos reclames pelas partes.

26. CLÁUSULA – NOTIFICAÇÕES E CORRESPONDÊNCIAS

- 26.1.** Toda as correspondências, relatórios e notificações decorrentes da execução do presente CONTRATO devem ser feitas por escrito e só serão consideradas recebidas pela CONTRATANTE e CONTRATADA, devendo ser entregues nos endereços indicados abaixo, por uma parte à outra parte ou de quaisquer outros endereços que possam se comunicar, durante a vigência do presente CONTRATO.

PARTE CONTRATANTE:


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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

CENTRO LOGÍSTICO DA AERONÁUTICA (CELOG)

Av. Dom Pedro I, nº 100 - 3º Andar - Cambuci

CEP 01.552-000 - São Paulo - SP

+55 (11) 3382-6100

+55 (11) 3382-5290

Email: protocolo.celog@fab.mil.br

COMISSÃO AERONAUTICA BRASILEIRA EM WASHINGTON (CABW)

1701 22ND ST. N.W.

WASHINGTON D.C. 20008 (EUA)

+1 (202) 518-7359

con@cabw.org

PARTE CONTRATADA:

Nome da CONTRATADA

Attn: Sr. /Sra. Nome do Representante Legal

ENDEREÇO:

Fone:

Fax

E-mail:

27. CLÁUSULA - SUSTENTABILIDADE

27.1. A futura CONTRATADA deverá obedecer a todas as leis e normas locais que se destinem à proteção do meio ambiente, promovendo ações sustentáveis e minimizando os possíveis impactos ambientais decorrentes da execução do objeto do Projeto Básico, desde o recebimento da peça até a sua devolução à CONTRATANTE.

27.2. A futura CONTRATADA será responsável pelo descarte dos materiais, observando a legislação ambiental.

27.3. Dentre as recomendações voltadas para a sustentabilidade ambiental, a futura CONTRATADA observará os critérios elencados na Instrução Normativa nº 1 (Critérios de Sustentabilidade Ambiental na Aquisição de Bens, Contratação de Serviços ou Obras pela Administração Pública Federal Direta, Autárquica e Fundacional), de 19 de janeiro de 2010 da Secretária de Logística e Tecnologia da Informação do Ministério do Planejamento, Orçamento e Gestão (SLTI/MPOG).

27.4. A CONTRATADA também fica obrigada a observar os níveis de ruídos dos seus equipamentos, que deverão respeitar, quando aplicável, os limites aceitáveis pela Norma NBR-10.151 - Avaliação do Ruído em Áreas Habitadas, da Associação Brasileira de Normas Técnicas - ABNT, ou aqueles estabelecidos na NBR-10.152 - Níveis de Ruído para Conforto Acústico, da ABNT, nos termos da Resolução CONAMA nº01, de 08/03/90, ou legislação correlata vigente no local da execução dos serviços.

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

27.5. A CONTRATADA também fica obrigada a observar os limites de emissão de poluentes atmosféricos, que deverão respeitar, quando aplicável, os limites aceitáveis pela Resolução CONAMA nº 436, de 22/12/2011, ou legislação correlata vigente no local da execução dos serviços. Para tal, a CONTRATADA deverá priorizar a utilização de tecnologias adequadas que permitam atender às necessidades de redução de níveis de ruído.

27.6. Caso as atividades da CONTRATADA se enquadrem nas hipóteses do artigo 20 da Lei nº 12.305, de 2010 - Política Nacional de Resíduos Sólidos, a CONTRATADA deverá elaborar plano de gerenciamento de resíduos sólidos, sujeito à aprovação da autoridade competente.

27.7. Para a elaboração, implementação, operacionalização e monitoramento de todas as etapas do plano de gerenciamento de resíduos sólidos, nelas incluído o controle da disposição final ambientalmente adequada dos rejeitos, será designado responsável técnico devidamente habilitado.

27.8. São proibidas, à CONTRATADA, as seguintes formas de destinação ou disposição final de resíduos sólidos ou rejeitos:

27.8.1. Lançamentos em praias, no mar ou em quaisquer corpos hídricos;

27.8.2. Lançamento in natura a céu aberto, excetuados os resíduos de mineração;

27.8.3. Queima a céu aberto ou em recipientes, instalações e equipamentos não licenciados para essa finalidade; e

27.8.4. Outras formas vedadas pelo poder público.

“intencionalmente deixado em branco”

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



-----**MINUTA**-----

28. CLÁUSULA – NÚMERO DE CÓPIAS

28.1. Fica acordado que este CONTRATO será emitido em duas (2) vias, com igual teor e forma, como se segue:

28.1.1. (Uma) original para a CONTRATANTE; e

28.1.2. (Uma) original para a CONTRATADA.

28.2. Em testemunho do que, as partes assinam este Contrato em 2 (duas) vias de igual teor, na presença das testemunhas subscritas abaixo.

Washington DC, [DATA] de [MÊS] de [ANO].

Pela CONTRATANTE:

Brigadeiro do Ar LUIZ AMEDEO IOZZI DA SILVA
Diretor do CELOG

Pela CONTRATADA:

Nome
CARGO/FUNÇÃO - CONTRATADA

Nome
CARGO/FUNÇÃO - CONTRATADA

TESTEMUNHAS:

FISCAL DO CONTRATO

PAULO HENRIQUE SCHEICHER Cel Int R1
Agente de Controle Interno
Força Aérea Brasileira – CELOG

Nome
CARGO/FUNÇÃO - CONTRATADA

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ANEXO A

PROJETO BÁSICO

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-----**MINUTA**-----

ANEXO B

PROPOSTA DE PREÇO

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ANEXO C
CRONOGRAMA FÍSICO FINANCEIRO

ITEM	DESCRIÇÃO	VALOR (R\$)	TAT MÁXIMO (CABE/CABW – OFICINA REPARADOR A – CABE/CABW)	PRAZO PARA PAGAMENTO
01		XXX	* D + 90 dias	** D + 30
	TOTAL	XXX		

* D = Dia da notificação recebida pela Contratada da aprovação do orçamento pela contratante;

** D = Dia da emissão do termo de recebimento definitivo pela COMREC

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col

Price Proposal – Annex IV



MINISTRY OF DEFENSE
AERONAUTICAL COMMAND
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON D.C.

PAGE 1 of 3

Part 1 Representative Identification

Representative Name

Last Name

Given Name

Middle Name

--	--	--

Identification Number (Federal Id with Photo)

E-mail Address

--	--

Phone Number

Fax Number

--	--

Company's Name

--

The company mentioned above, makes a proposal to be judged based on the **LOWEST GLOBAL PRICE PER BATCH (ATA – Air Transport Association of America)**, for the provision of services, to include the calibration, renovation, recovery and/or overhaul, exchange of repairable components, technical publications for repairable components, exchange in order to meet scheduled and unscheduled inspections for COMAER aircraft **C/P-95, C-98, F-5, T-25, T-27, H-60, P-3AM e C-105**, fulfilling the demand for production of repairable items at the Aeronautical Material Depots, including additional services, as per technical specifications and quantities provided in the Invitation For Bid.

Part 2 Statements

Initial of the representative

1-	Prices offered must include all expenses associated with supplying the product, directly or indirectly, including but not limited to: all costs such as fees and/or taxes, social contributions, expenses, insurance, workers compensation, civil responsibility insurance, labor, social security, fiscal, administrative fees, equipment, materials and any and all other costs or fees associated with the execution of the object as per the BASIC PROJECT PLAN, in accordance with the provisions of the Bid Invitation and its Attachments Amounts offered by the bidder must reflect all costs involved in the object	(place initial)
2-	We hereby acknowledge the content of INVITATION TO BID and its Annexes, fully and irrevocably accepting its terms and requirements, as well as all relevant legislation. This price proposal shall be valid for 60 (sixty) days starting on the date on which proposals are opened, after which time it shall be subject to confirmation by our Company.	(place initial)
3-	The company declares that it will meet all of the requirements listed in the Bid Announcement and Basic Project, Annex I of the Invitation to Bid 190011/CABW/2018 .	(place initial)
4-	<u>The price proposal to be submitted for the bid must be composed of the tables described in sub-items 7.2, 7.3 and the price proposal model, ATTACHMENT IV of this Invitation For Bid</u>	(place initial)

No Imp RENATO ALVES DE OLIVEIRA Lt Col
BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



Price Proposal – Annex IV

MINISTRY OF DEFENSE
AERONAUTICAL COMMAND
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON D.C.

PAGE 2 of 3

Part 3 Price Proposal

BATCH	ATA	DESCRIPTION	Price Proposal (USD)
1	12	SERVICING ROUTINE MAINTENANCE	
2	17	UNASSIGNED	
3	19	UNASSIGNED	
4	21	AIR CONDITIONING	
5	22	AUTO FLIGHT	
6	23	COMMUNICATIONS	
7	24	ELECTRICAL POWER	
8	25	EQUIPMENT / FURNISHINGS	
9	26	FIRE PROTECTION	
10	27	FLIGHT CONTROLS	
11	28	FUEL	
12	29	HYDRAULIC POWER	
13	31	INDICATING/RECORDING SYSTEMS	
14	32	LANDING GEAR	
15	33	LIGHTING	
16	34	NAVIGATION	
17	35	OXYGEN SYSTEM	
18	36	PNEUMATIC	
19	45	CENTRAL MAINTENANCE SYSTEM (CMS)	
20	46	INFORMATION SYSTEM	
21	53	FUSELAGE	
22	56	WINDOWS	
23	61	PROPELLERS	
24	62	MAIN ROTOR	
25	63	MAIN ROTOR DRIVE	
26	67	ROTORS FLIGHT CONTROL	
27	71	POWER PLANT	
28	72	ENGINE TURBINE	
29	73	ENGINE FUEL AND CONTROL	
30	74	IGNITION	
31	75	AIR	
32	76	ENGINE CONTROLS	
33	77	ENGINE INDICATING	
34	79	OIL	
35	80	STARTING	
36	81	TURBINES	
37	NID	NOT IDENTIFIED	
38	OUTROS	OTHERS	

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BACW's Bidding Commission President

MARIO EMILIO FRAMIL CABIZUCA Lt Col



Price Proposal – Annex IV

MINISTRY OF DEFENSE
AERONAUTICAL COMMAND
BRAZILIAN AERONAUTICAL COMMISSION IN WASHINGTON D.C.

PAGE 3 of 3

Part 4 Bank Information for the Bidder

Bank Name:

Branch:

Checking Account:

Other:

Part 5 Authentication

Representative printed name

Representative signature

Date of signing

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