



The BACW's Bidding Commission hereby presents questions made by companies with their respective answers.

REMARK: The questions presented in this "Questions and Answers" are numbered as they are answered by the Bidding Commission and may not match the numbering provided by the companies.

1. **Question** – *Are Bidders required to consider TWO separate FIBER OPTIC connections between Camera Mast and Control Room?"*

**ANSWER:** Correct. The Bidders have to consider TWO separate FIBER OPTIC connections between Camera Mast and Control Room.

2. **Question** – *Would an Aerial path be acceptable for one of the FIBER OPTIC connections?*

**ANSWER:** Yes. One of the FIBER OPTIC connection can be an Aerial Path.

3. **Question** – *Would wireless (Radio Link), instead of Fiber Optic, be acceptable for providing the required connectivity redundancy?*

**ANSWER:** No. Both the main and the redundancy connectivity have to be Fiber Optic between Camera Mast and Control Room.

4. **Question** – *Please advise whether there is an available template for a bank guarantee or the CONTRACTED PARTY will be allowed to submit its own proposed wording for such bank guarantee?*

**ANSWER:** The Bank Guarantee shall be in accordance with Clause 6.1 of the Contract Draft, Annex IV of the Invitation For Bid. The CONTRACTED PARTY will be allowed to submit its own proposed wording for the Bank Guarantee for analysis and approval of the CONTRACTING PARTY.

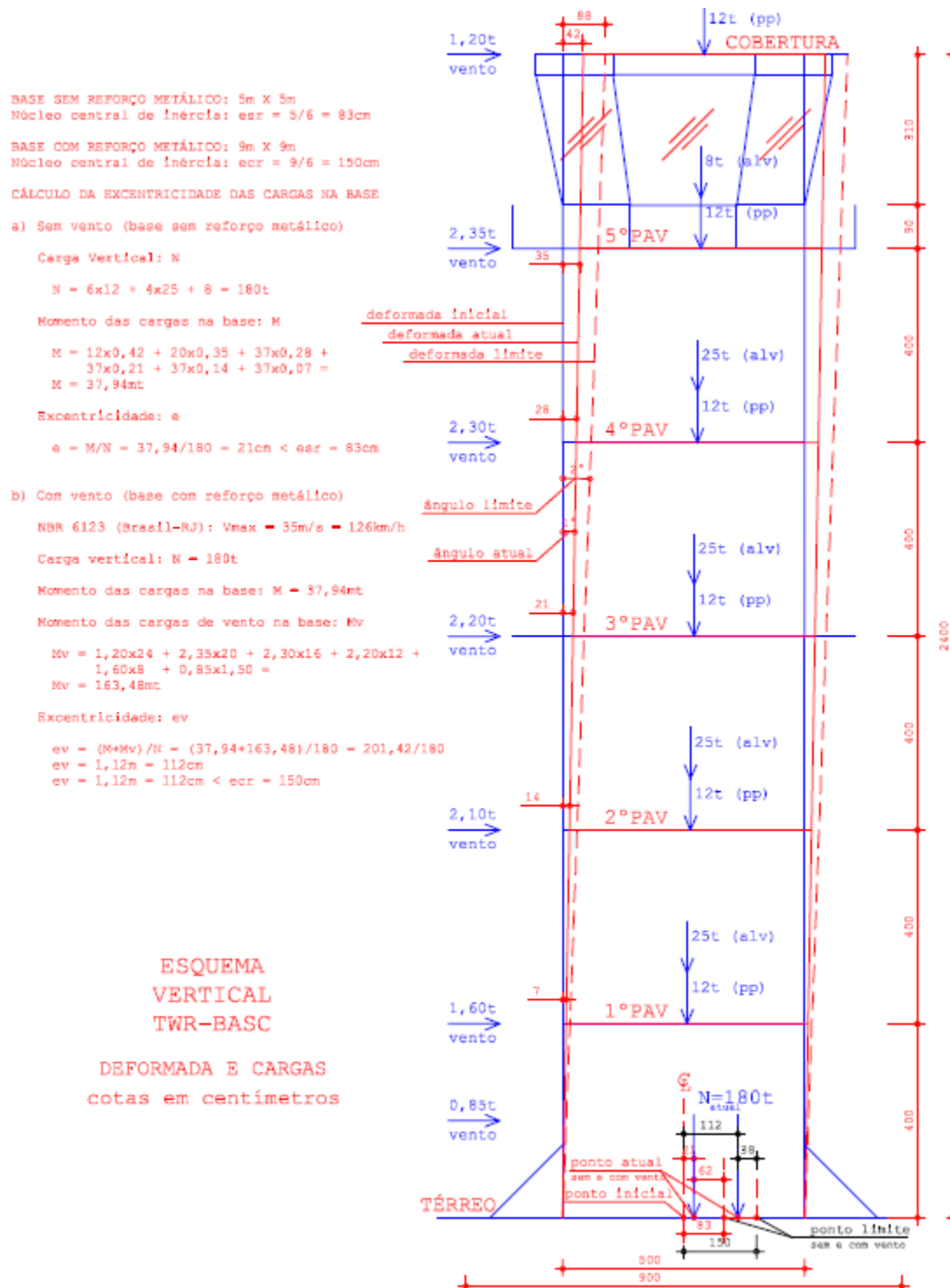
5. **Question** – *Please advise if the CONTRACTED PARTY will be allowed to choose the Brazilian branch office of a well-reputed foreign bank acceptable by the CONTRACTING PARTY to issue such bank guarantee.*

**ANSWER:** Yes, the CONTRACTED PARTY will be allowed to choose the Brazilian branch office of a well-reputed foreign bank acceptable by the CONTRACTING PARTY.



6. Question – Please kindly confirm total height of existing ATC Control Tower.

ANSWER: The ATRW-SC measures 24 meters as per the drawing below.





- 7. Question** – *During site survey, we learned that the Remote Tower Center will be hosted in an annex building yet to be construed. In order to help us efficiently quote installation services, we kindly ask you to supply an electric diagram of the premises to be built for hosting the Remote Tower Center.*
- a. *With respect to Section 4.1.2.3 of the Basic Project (Integration to the Integrated Airfield Control Tower System), we respectfully request the review of the whole section, due to the following reasons:*
  - b. *The Section clearly establishes the requirement that SVR-TWR system should add a maximum of one (1) additional HMI to the CWP. That's understandable and perfectly achievable.*
  - c. *Likewise, SVR-TWR's ability to forwards alarms/alerts to SITWR system might be enabled, although Bidders have no control or authority on how such warnings will be treated by SITWR system. Besides, SVR-TWR system shall have its own internal maintenance and troubleshooting mechanisms, with warning messages forwarded to SITWR for advisory purposes, only.*
  - d. *The requirement that SVR-TWR's "command functionalities be actuated and displayed from SITWR HMI" seems both unreasonable and unachievable for any Bidder. Besides the fact that command functionalities are inherent parts of any system's logic & algorithm (as such built-in its own HMI), no entity other than SITWR's supplier may program its own HMI. Lastly, under a safety perspective, it would not be acceptable that anyone other than the ATCO in position could manipulate command functionalities.*

*Therefore, we kindly request that requirement of Integration to the Integrated Airfield Control Tower System be limited to maximum of one (1) additional HMI to the CWP and the forwarding of warning messages to SITWR, in case of SVR-TWR system failure - message format to be agreed between SVR-TWR and SITWR suppliers.*

**ANSWER:** The requirements of Section 4.1.2.3 of the Basic Project shall not be modified; 2 – The document described of Interface (ICD) of the SVR-TWR shall be provided by the winning bidder to the company ACAMS, the supplier of the integrated management system of the tower (SITWR); 3 – The integrations of the functionalities SVR-TWR in the SITWR shall be ACAMS's responsibility.

- 8. Question** – *It is our understanding that in accordance with CABW solicitation regulations, in case there are less than 3 companies present proposals the solicitation shall be suspended and a new date for presentation of proposals shall be appointed.*

**ANSWER:** It is important to mention that proposals submitted to BACW shall be interpreted, evaluated and judged in accordance with the principles contained in articles 3 and 123 of Act 8.666/93, dated 06/21/1993, related to legality, impartiality, morality, equality and transparency.

Moreover, the Bidding Commission must follow the procedures set forth in the Invitation for Bid.

Based on that, if there are less than 3 companies at the open session appointed to November 7, 2018, the Bidding Commission shall proceed with the Bidding Process.



Notwithstanding, In accordance with the Invitation For Bid 180393/CABW/2018 item 28.1, *Any doubts arising from the provisions of this INVITATION FOR BID may be subject to consultation, in writing, to the **Bidding Committee** in charge of this bidding process, up to 48 (forty-eight) hours prior to the delivery of the proposals.*

Based on that, the BACW's Bidding Committee reinforces that questions shall be submitted to [con@cabw.org](mailto:con@cabw.org) and no agents outside BACW should be copied in the e-mail. Thus, only answers published in BACW's website are considered official and part of the solicitation file.

Furthermore, the Brazilian Aeronautical Commission appreciates the question, and stands available to clarify and explain any doubts or concerns in order to increase the BIDDING quality. Any questions or concerns must be submitted to [\*\*con@cabw.org\*\*](mailto:con@cabw.org)

*Note: This information has been made available at BACW website in the publishing for the related Bidding Process.*  
<http://www.cabwnews.com/index.php/solicitations.html>