



The BACW's Bidding Commission hereby presents question 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:** We understand that all infrastructure adequation required for equipment installation will be the CONTRACTED PARTY's responsibility. Such as:

1. *The connection of the ADS-B and MLAT receivers to the KT V/UHF power switchboard, including the supply and installation of circuit breakers, if necessary.*
2. *The supply of racks for the installation of ADS-B and MLAT receivers, if necessary.*
3. *The installation of cable ways, CISCEA standard, for laying power and data cables, if necessary.*
4. *The connection of ADS-B and MLAT equipment to site grounding point, with supply of materials.*
5. *Supply, installation and support to integration of data cables from ADS-B and MLAT equipment to the input/output gateway of site telecommunications, including the necessary infrastructure.*
6. *Technical support to adequate and safe integration of ADS-B and MLAT signals to the Data Treatment and Visualization System (STVD) up to certification.*
7. *Technical support to the integration of the supplied equipment to the CGTEC remote monitoring and maintenance system.*
8. *Installation of ADS-B and MLAT receivers on the existing steel towers, including the connection of the RF signals to their corresponding equipment in the technical room, with the necessary measures for physical isolation and the provision of filters for mitigation of the interference with VHF and UHF stations, primary, secondary and meteorological radars, UHF and microwave links on each site.*

Please confirm our understanding.

Answer: *Your understanding is correct.*

2. **Question:** We understand a detailed installation design for the infrastructure adequation must be supplied to CISCEA for approval before the start of installation on each site.

Answer: *Your understanding is correct.*

3. **Question:** We understand that the technicians responsible for the installation services shall have the Certificate of Technical Qualification issued by DECEA, considering they will be performing services inside operational air traffic control facilities.

Answer: *The company must follow the Brazilian and DECEA standards rules.*



4. **Question:** We understand that the technicians responsible for the installation services shall have the Certificate of Technical Qualification issued by DECEA, considering they will be performing services inside operational air traffic control facilities.

Answer: The company must follow the Brazilian and DECEA standards rules.

5. **Question:** We understand that the equipment to be supplied shall be certified by ANATEL up to the moment of the first equipment SAT.

Answer: Your understanding is correct.

6. **Question:** We understand that the equipment to be supplied shall be certified for operation in the ATN BR environment with a certification issued by LQCEA or by another entity appointed by CISCEA.

Answer: There is no requirement listed in the Technical Specification, however ADS-B / WAN systems must be integrated into the ATN-Br Network for data transmission.

7. **Question:** Due the complexity of the calculations of Porto Alegre WAM we ask CABW to postpone the proposal delivery in 4(four) weeks.

Answer: The proposal delivery has been postponed in 5 weeks.

Notwithstanding, In accordance with the Invitation For Bid item 33.1, *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..*

Based on that, the BACW's Bidding Commission reinforces that questions shall be submitted to 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 BID quality. Any questions or concerns must be submitted to 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>