



The BACW's Bidding Commission hereby present 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** – Basic Project 4.1 - Could you provide the C-130 Aircraft Maintenance Plan document and detail of the operations foreseen on ISOCHRONAL, PDM and HSC inspections?
ANSWER: Maintenance Plain used by FAB for ISOCHRONAL, PDM and HSC is the same established by USAF.
- 2. Question** – Basic Project 4.1 - Could you provide the Equipment Maintenance Plan with, mandatory replacement ("Overhaul", replacement and other interventions in "back shop")?
ANSWER: FAB uses the Maintenance Plains defined by manufacturers for all components operated by the Force.
- 3. Question** – Basic Project 4.1 - Could you provide the following fleet technical information?

 - Aircraft Model and Serial Number;
 - Flight hours and cycles;
 - Latest ISO and PDM inspections;
 - Configuration of installed equipment: PN, SN, Position and times / hours / cycles (TSN, TSO, ...);
 - Equipment Reliability (failure rates or MTBR / MTBF).: PN, SN, Position and times / hours / cycles (TSN, TSO, ...);
 - Equipment Reliability (failure rates or MTBR / MTBF).

ANSWER: This information will be presented during the Site Survey.
- 4. Question** – Basic Project 4.1 - Could you provide the visit plan (ISOCRONAL, PDM, HSC)?
ANSWER: The prediction of maintenance services will be part of the activities that will be executed by the future Contractor.
- 5. Question** – Basic Project 4.1 - Please clarify the definition of workable material?
ANSWER: "Workable" is the item that can be repaired, but do not have a maintenance manual.
- 6. Question** – Basic Project 4.4.1 - Will the CONTRACTING PARTY provide any kind of guarantee for the equipment of its stock (if the installation does not work properly or if it has an early failure)?
ANSWER: The warranty of each component supplied by FAB is the same of the one provided by the sub supplier.
- 7. Question** – Basic Project 5.1.7 - Clarify: The formula refers to TDAPV and the definition is for the acronym TDAPT.
ANSWER: There was a mistyping. The correct abbreviation for item (d) is TDAPV.



8. Question – Basic Project 6.1 - How are extra work requests handled during an "ISOCHRONAL" visit (TCTOs, Additional inspections, other orders)? Are they paid separately?

ANSWER: The activities defined for ISOCHRONAL and FINDINGS till 50% of man-power and 50% of material costs are included at flight-hour price. Any other service or FINDING that supersede the 50% will be paid by a specific Invoice.

9. Question – Basic Project 6.1.1 - Clarify whether the PDM is part of Module 1 or Module 3

ANSWER: PDM is mentioned at Batch 1, because company must have conditions to perform it at company premises. However, the PDM is not part of the structure of flight-hour price. All PDM that may be performed will be paid by a dedicated invoice of Batch 3.

10. Question – Basic Project 6.1.10 - For the stock referred to in §6.1.10, according to the list in Annex I, could you indicate: the minimum stock, the quantity consumed in the last year and the quantity supplied in the last year (s)?

ANSWER: The file MAT_COM_ESTOQUE_A3_MENOS_CONFIG_MOTOR.XLSX correspond to the list of Annex I. The quantities used along last 12 months are listed at column R. The renovation point of stock and the quantity bought along last 12 months will be presented during de Site Survey.

11. Question – Basic Project 6.1.12 - Clarify where the TAT for the execution of the activities can be found in the USAF documents (if possible provide an example)?

ANSWER: This information will be clarified during the Site Survey.

12. Question – Basic Project 6.1.6 - Confirm that, under paragraph 6.1.6.2, the CONTRACTING PARTY intends to delegate the following services to the CONTRACTOR for the entire FAB fleet:

- Management of the maintenance plan of the aircraft and definition of the scope of the works for each visit;
- Control and configuration management of Modifications and Equipment.

ANSWER: Yes.

13. Question – Basic Project 6.1.11 - If the ISOCHRONAL inspection (without FINDINGS) is valued at 1000 man-hours, how many hours of FINDINGS should be considered to be covered by the inspection price ISOCHRONAL: 500 or 1000 man-hours? Whereas the quantity of man-hours and the value of the material for an ISOCHRONAL inspection are not specified in the proposal, how will these limits be established in the performance of the contract?

ANSWER: Considering that company states, at commercial proposal, that ISOCHRONAL inspection is done with X man-hour, the FINDINGS will be covered until the limit of 50% of X, i.e., X/2 man-hour. The limit will be based at the value presented at the commercial proposal.

14. Question – Basic Project 6.2.2.1 - Is the removal and return of components and equipment referred to in § 6.2.2.1 carried out outside the aircraft (s)?

ANSWER: Yes. This item concerns the material out of order stocked at FAB warehouse.



15. Question – Basic Project 6.2.4 - Can you send the list of CMMs referred to in § 6.2.4?

ANSWER: This information will be presented during the Site Survey.

16. Question – Basic Project 6.3.1.2 and 6.3.2 - Can you provide the expected number of events or indicate how many events of this type existed in the last year (s)?

ANSWER: Considering that items 6.3.1.2 and 6.3.2 are related to non-scheduled events, there is no predicted quantity for this kind of requests. Considering the events that took place along last 12 months, it is requested the identification the non-scheduled events company would like to know the quantities.

17. Question – Basic Project 6.4.3 - Can you provide a list and quantity of equipment declared BER or SCRAP in recent years?

ANSWER: This information will be presented during the Site Survey.

18. Question – Basic Project 14.5.1 - Can you provide a list of Technical Publications applicable to the aircraft?

ANSWER: This information will be presented during the Site Survey.

19. Question – Basic Project 1.2 and 12.3 - What is the correct amount, R \$ 111,106,548.29 or \$ 111 million USD?

ANSWER: The exact value, at the date of preliminary evaluation of the inventory, is R\$ 111.106.548,29.

20. Question – Basic Project 5.1.6 b) - Where can you find the "Aircraft Distribution Table defined by EMAER"?

ANSWER: The "Tabela de Distribuição de Aeronaves" defined by EMAER is updated annually, because of this it has not been included at the Bid Process.

21. Question – Basic Project 4.1 a) Module 1: When Isochronal inspections are carried out what happens with the appearance of discrepancies?

ANSWER: When the ISOCHRONAL inspection is performed, part of FINDINGS is included at the flight-hour price, together with the ISOCHRONAL inspection. Man-power and material up to 50% of the man-power and material costs informed by the bidder for the ISOCHRONAL at its commercial proposal is included at the flight hour price. Man-power and material costs above 50% will be charged in a different Invoice.

22. Question – Basic Project 4.1 b) Module 2: What are the specific materials that are excluded in T-56, REVO and MAFFS engines?



ANSWER: *The entire T-56 engine and accessories, the entire REVO system and the entire MAFFS system. Future Contractor will be responsible only for the material that will be used for the installation and removal of those systems at the aircraft.*

Question – Basic Project 4.1 c) Module 3: How many PDMs are estimated in the 5 year contract?

ANSWER: *Only one PDM is certain for the 5-year period of contract. Additional PDM are not planned at this moment.*

23. Question – Basic Project 4.2.1. What do you mean by the fact that the modules of the 3rd level of maintenance services of the T-56 engines are excluded from all modules?

ANSWER: *Repair and overhaul of entire engine and its accessories are excluded from all batches.*

24. Question – Basic Project 5.1.1- Is chart 1 correct?

ANSWER: *Yes. It's the information available now from the EMAER.*

25. Question – Basic Project 6.1.1 - Module 1 includes only Isochronous Inspections, not PDM. Please clarify otherwise.

ANSWER: *It's right. Flight-hour price includes only ISOCHRONAL inspections. PDM is mentioned at Batch 1, because future Contractor must have premises capable for PDM. All PDM will be paid under Batch 3 according specific Invoice.*

26. Question – Basic Project 6.1.11 - How are the hours' quantities defined by isochronous inspection and materials used? Assessment.

ANSWER: *The man-power and material cost will be presented as part of the company's commercial proposal. If future Contractor fails to comply with its man-power and material cost, penalties will be applied.*

27. Question – Basic Project 12.3.5 - What does it mean that the materials shall be selected by the contractor? What criteria is used for such selection?

ANSWER: *From the 6^o month to the 30^o month, company will have the right to choose, from the FAB inventory, the material that will be furnished as part of the payment.*

28. Question – Basic Project 13.1 - Does the 50% limit for subcontracting also include the acquisition of materials or does it only refer to work contracted to third parties?

ANSWER: *No, this limit applies only for contracting of services from sub suppliers.*

29. Question –Which is the formula used for the calculation of the points that each bidder achieves in the technical and price part?



ANSWER: *There is no especial formula. The criteria is defined at Paragraph nº 21 and Annex C of Basic Project.*

30. Question –*At the end of the contract, the stock of spare parts and materials held by the FAB is transferred to the contracted party?*

ANSWER: *No. Each month, together with the payment of each invoice, 75% will be paid with currency and 25% with inventory. At the end of the contract, 25% of the total amount will have been paid with FAB inventory transferred to the company. Aircrafts and the remaining inventory will not be transferred to the Contractor.*

31. Question – *We would like to know if it's possible to provide us the word version of the documents to facilitate the preparation of our proposal? The PDF version available doesn't allowed us to copy the text.*

ANSWER: *Yes. It will be available on our website.*

Notwithstanding, In accordance with the Invitation For Bid 181301/CABW/2018 item 37.1, *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, up to 48 hours before the delivery of the proposals.*

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>