

Contractor Questions
For
Solicitation No. SCO150-16-R-0005
ABD Hangar Electrical and Communications Upgrade– Barranquilla, Colombia

Following is a list of the questions that were submitted by prospective offerors for the above solicitation. Each question is followed by the Government's response.

GENERAL CONDITIONS:

Question #G1: Must the proposal be submitted in English or could be in Spanish?

Answer: *As per section L.1 of the contract FAR 52.214-34 SUBMISSION OF OFFERS IN THE ENGLISH LANGUAGE.*

Question #G2: L.8 of Solicitation: Please clarify the magnitude of the project, considering information in the solicitation between \$100.000 to \$250.000 and information during site visit between \$25.000 and \$100.000

Answer: *There will be an amendment to the solicitation to reflect the \$25,000 to \$100,000 range.*

Question #G3: Se requiere de oficina para el COR, de acuerdo con las especificaciones? Puede adaptarse un salón del proyecto para que sea la oficina del COR?

Answer: *In lieu of this requirement the contractor can provide a meeting room (110sqf) for 6 persons, this space can also be used by the contractor when the government personnel is not on site. The remaining aspects of the section will remain to include AC, Lighting, Power and Lavatory and water closet etc..., it is acceptable to use one of the second floor rooms for this purpose but at the time of intervention of these room a separate compliant space will be provided so that there will be an available office at any point in the execution of the contract.*

Question #G4: Los salones del proyecto pueden usarse de bodega y oficina del proyecto?

Answer: *It is acceptable to use the rooms to be intervened as office and storage areas, rooms in the first floor may be used coordinating with base personnel as to avoid interrupting normal operation of the hangar.*

Question #G5: Puede aislarse el piso 2 del proyecto para que sea de uso exclusivo del contratista durante el desarrollo del proyecto?

Answer: *The second floor and all areas that are part of the scope of work will be sealed off from public access by the contractor.*

Question #G5: Los materiales en sitio, sin ser instalados pueden facturarse al 100% de su valor indicado en el formato de "cost break down"?

Answer: *Please refer to section G.3.2 of the solicitation: " Each application for payment shall cover the value of labor and materials completed and in place, including a prorated portion of overhead and profit.", materials that are complete and in place can be invoiced and payed upon verification by COR, only the*

Question #G6: En el caso de demorarse el proyecto por causa de terceros, se afecta el valor del contrato a la Tasa Representativa del Mercado (TRM) de reinicio?

Answer: *Please refer to section H.17 EQUITABLE ADJUSTMENTS and FAR 52.249-14 EXCUSABLE DELAYS.*

Question #G7: La multa diaria por atraso injustificado, se cobra en dólares de la TRM de adjudicación del contrato?

Answer: *Please refer to section F.3 LIQUIDATED DAMAGES and FAR 52.232-5 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS.*

Question #G8: Once the notice to proceed is received when the works should start? In the cover letter it says 10 days (page 2) but in the solicitation document it says 15 calendar days (Section F.2 (a) Page 7). Please clarify.

Answer: *Follow solicitation documents; **do not** follow cover letter.*

Question #G10: In case any the materials requested is not available in country, but a similar one, with same functionality and same durability is available in local market, can the local material replace the requested material?

Answer: *For variations in materials follow section 01 33 00- 1.5 VARIATIONS.*

Question #G11: Please provide an acceptable professional profile for the Manager to superintend the work on site.

Answer: *Contractor shall demonstrate that Superintendent has relevant experience related to the project, please note that as per M.1.2 BASIS FOR AWARD the qualifications of the superintendent are part of the technical evaluation parameters. Also refer to FAR 52.236-6 SUPERINTENDENCE BY CONTRACTOR and SECTION 27 10 00- 1.6.2.2 of the specification.*

Question #G12: A portion of the labor depends on the timing of the furniture provider. In case the furniture provider is delayed and/or is not able to deliver on time, it will create an additional cost and delay on the contract. Will the USG pay for that over cost in case the delay of the furniture provider is higher than a month?

Answer: See G6.

Question #G13: Are we allowed to use one of the empty offices for the project management and to receive the visit of USG visitors?

Answer: See G3 & G4.

Question #G14: From the visit, we understood that we can use the bathroom in the second floor of the building if we provide a cleaning schedule keeping the bathroom in optimal sanitary conditions. Please confirm.

Answer: *The contractor shall provide temporary facilities as per H.10 of the contract and Section 01 50 00 of the specifications. It is at the discretion of Colombian Airforce to permit access and use of the existing bathroom facilities to the contractor but in the event that the Air Force is not able or not willing to provide such facilities it will not constitute an excusable delay and the contractor is still responsible to provide such facilities elsewhere in the site at no cost to the government.*

Question #G15: The project requires some electrical work to the current electrical infrastructure. Please advise if we will be exceptionally authorized to work in hours out of the regular duty hours in order to prevent power cuts to areas sharing the same electrical circuits. This authorization request will occur two times during the whole project execution at most.

Answer: *The contractor will coordinate work hours and power cuts with the base personnel as to minimize normal work interruption to the Hangar and base activities.*

ARCHITECTURAL:

Question #A1: Must be installed the floor dielectric over the existing floor?

Answer: *The contractor shall install the floor over the existing floor.*

Question #A2: Existen paredes manchadas, estas deben ser pintadas al terminar el proyecto?

Answer: *The contractor will paint completely all walls that are intervened as part of the scope of work, all other walls will remain as is, and the contractor will generate with local base personnel a vicinity act to determine the conditions of the site before start of the activities any items damaged during the execution of the contract will be repaired by the contractor at no cost to the government.*

Question #A3: In the official bidding chart its included a section of doors and windows, but in the visit it was stated that neither windows nor doors were required to be replaced. Please specify if windows and door are required for the project. Is it only for the communications area?

Answer: *Correct the contractor will provide windows and doors in the refurbished area in the first floor communications/rack room.*

MECHANICAL:

Question #M1: On site visit were found all the AC units already installed. Shall we offer only the maintenance for its startup?

Answer: *The contractor shall provide the AC unit and all the necessary accessories for installation in the Comms/Rack room on the first floor the units on the second floor are existing and the contractor will provide maintenance and start-up to deliver all A/C units in fully working conditions at final completion of the project. The new AC system will comply with all sections in DIVISION 23 of the specifications.*

Question #M2: Cuáles de los aires acondicionados deben suministrarse y a cuáles se les debe hacer mantenimiento?

Answer: *See M1.*

Question #M3: In the visit it was suggested that the ACs won't be necessary. Please provide a written specification of what is requested for the HVAC system.

Answer: *See M1.*

ELECTRICAL:

Question #E1: Section 26 33 53.00 20: UPS is three-phase. In accordance with drawings will be located in the rack. Could you explain the bypass detail?

Answer: *There should be a bypass before the input to the UPS that feeds the UPS panel board circuits and UPS to allow UPS to be removed without interruption of power to regulated circuits (See Drawing E-5).*

Question #E2: Electrical feed to panelboard for second floor will be installed using cable tray or piping from the main panel board?

Answer: *Feeder to panelboard shall be routed in conduit.*

Question #E3: Please determine if electrical feed to the building should be aerial or underground?

Answer: *Main electrical feeder shall come down from the exterior low voltage aerial distribution at a post using GRC Conduit and a weatherproof cap then use buried PVC to enter the building crossing exterior sidewalk and grass area and enter the building and up to the electrical room.*

Question #E4: Drawings don't show where will be located the outlet for AC unit inside the Data Center. Should be it taken from the Main Distribution Board?

Answer: *The AC unit shall be feed from the main distribution panelboard; the contractor shall provide the breaker, circuit wiring, conduit, raceway and all the necessary material to correctly install the AC unit.*

Question #E5: On drawings there are no calculations about the grounding mesh. In the case it doesn't get 5Ω as required, can we do a new design and that design and calculations will be included like an additional in the contract?

Answer: *Follow section 26 41 00.00 40 the contractor shall provide a ground resistivity test of the grounding location and calculations of the new grounding system before installation for COR approval before initiating grounding system installation works, it is up to the contractor to install a system that is compliant with the code and specification performance requirements.*

Question #E6: En las especificaciones se incluye el capítulo 26.41.00.00.40 - Lightning Protection System. Por favor enviar el plano o indicar el plano en el que se muestra la ubicación de este sistema

Answer: *Drawings are posted in the Solicitation web site, this sections includes specifications related to grounding system.*

Question #E7: The grounding system is requested with a resistance of 5 ohms. But the resistance of the grounding system can be achieved only if the terrain allows it. If a terrain study suggest a different

value for grounding resistance, will that resistance be acceptable instead of the 5 ohms of the solicitation?

Answer: See E5.

COMMUNICATIONS:

Question #T1: Existing communication cabling in the existing rack will be located in the new rack? Could you determine what position?

Answer: Existing cabling that will remain in operation shall be located in the new rack by the contractor, locate as per available spacing.

Question #T2: Por favor aclarar el alcance de la fibra óptica.

Answer: There is an existing fiber optic connection already wired and terminated at the existing rack, the contractor shall terminate this fiber optic cable and connect it to the new fiber optic patch panel located in the new rack both provided by the contractor. Existing equipment wiring to remain as per base personnel direction will be included in the new rack by the contractor and will maintain operability as reflected in the vicinity act.

Question #T3: Since the communications equipment will be connected to the Colombian Air force Computer Network, can you please provide the requirements of brands and capabilities of Colombian Air force Computer Network (i.e. brands, layers, redundancy, security level, etc.)?

Answer: This information is not necessary for development of the scope of work, please follow contract documents.

Question #T4: Will be acceptable to schedule the delivery of communications equipment on the first days of the PM schedule to reduce the risk of exchange rate fluctuation.

Answer: All Equipment will be reviewed as per submittal procedures indicated in the contract, contractor can submit on any item at award of the contract and prior to Full Notice to Proceed in order to expedite approval. It is up to the contractor to provide equipment that is compliant with the contract specifications and requirements.