Contractor Questions & Answers
For Solicitation No. SCO150-12-R-N018
Electrical Work Warehouse at Santa Marta
Magdalena – Colombia **August 08, 2012**

Following is a list of the questions I have received from the contractors participating in the above solicitation. Each question is followed by the Government's response.

***Question #1*:** In specs, we have to install three 18000 BTU cassette units for first and second floor, but this kind of equipment is discontinued here in Colombia with any vendor, so can we propose using wall mini-split 18000 BTU to replace them?
Answer: **The contractor shall follow what is specified on the chapter "Air conditioning (AC)" of the technical specifications.**

Question #2: In specs, we have to install one condenser multi-v type 54000 BTU unit (we installed this equipment in Larandia), for the project. But there is a problem. The vendor discontinued this kind of system and now exists Mini Multi-V system, which uses 410A refrigerant (ecological) and a special condenser unit that is energy efficient. The problem is that this kind of system increases the price around 30%... so, can we propose three 18000 BTU condensers instead of one condenser unit?
Answer: **Please refer to Q1.**

Question #3: The 60x60 cms lights must be 4x17W T8 or 4x14W T5?
Answer: **The lamps shall be 4 x 17W T8.**

Question #4: The lights will be installed on Drywall ceiling or will be suspended from the ceiling?
Answer: **The lamps shall suspend from the ceiling.**

Question #5: What is the diameter of secondary ducts? It is not clear on specs if you compare with plans.
Answer: **EMT piping gauge will be ¾ inch except where the drawings indicate otherwise.**

Question #6: Electrical outlets are hospitalary type or normal?
Answer: **Electrical outlets shall be single-phase receptacle, duplex-type, 120 VAC/15A, NEMA 5-15R, white color. No hospital grade is required and no isolated grounding pin is required.**

Question 7: Breaker capacity that will be mounted in the general board, located in the substation is bigger in dimensions, so it will not fit in the space of the old one. So, can you help us by indicating if more space exists in this board for installing it (different to the old space).
Answer: **The contractor shall include an industrial three-pole breaker with a current protection capability of 3 X 125A.**

Question #8: In specs the distance between the Project and main electrical board is 60 meters but the real distance is higher, like 120 meters, can you clarify this distance please?
Answer: **As stated on the solicitation package, "This is a firm fixed price contract payable entirely in the currency indicated in the SF1442. No additional sums will be payable for any escalation in the cost of materials, equipment or labor, or because of the contractor's failure to properly estimate or accurately predict the cost or difficulty of achieving the**

results required." The Contractor shall verify this measure during the pre-proposal visit and adjust as necessary.

Question #9: In specs you require two distribution panels: one has 42 circuits and the other has 36 circuits, but in bidding chart you require one of 18 circuits, can you clarify please?
Answer: **The Contractor shall supply and install two panel distribution boards with capacity of 36 and 42 circuits as stated in the technical specifications.**

Question #10: Do you require lights 4x17w T8 or 4x14w T5 and 2x32w T8 or 2x28w T5?
Answer: **The lamps shall be 4 x 17W T8 and 2x32W T8.**

Question #11: Electrical outlets in plans are not equal with specs, can you clarify?
Answer: **Please refer to Q6.**

Question #12: In specs you require DPS Class B, 230 VAC, 180 kA. Can we propose a DPS Class B, 230 VAC, 80 kA?
Answer: **The Contractor shall deliver a TVSS Class B of 180 KA**

Question #13: Page 1 of specifications. REMOVAL OF 8 LAMPS. Description establishes that the contractor shall quote for the removal of 6 lamps. Finally, how many lamps must be removed?
Answer: **The Contractor shall remove 8 lamps.**

Question #14: Page 1 of specifications. ELECTRICAL / DATA WIRING RELOCATION. Which is the final height of the ladder that must be relocated?
Answer: **The contractor shall consider approximately 1.70 m height. However the contractor shall have to verify this measurement during the pre-proposal visit.**

Question #15: Page 1 of specifications. MAIN CIRCUIT BRANCH ENHANCEMENT. Specifications establishes that the estimated distance is 60m; however, during site visit, We can establish that distance is 79m. Which measure must be taken into account for proposal?
Answer: **Please refer to Q8.**

Question #16: Page 5 of specifications. UPS 3 KVA. This UPS will be just for the elements to be installed inside the rack? UPS must have an independent circuit from main panel board?
Answer: **The UPS will be used just for those devices installed inside the communication rack, and it shall not have an independent circuit.**

Question #17: Page 5 of specifications. AIR CONDITIONING (AC) - MINISPLIT. Contractor must have to build a new concrete pad in order to support AC condenser; if so, this slab must be build at green zone adjacent to parking area? At the outside of hot room is the parking area where we think that is not possible to install it.
Answer: **The contractor shall consider supplying and installing a metallic support anchorage to the perimeter wall in order to install the condenser on top of this support.**

Question #18: Page 7 of specifications. MARKING. Which is the capacity in LBS of fire extinguishers to be provided?

Answer: **The contractor shall supply and install one 10-pound fire extinguisher.**

Question #19: Drawing E6. Could you please clarify location and specifications of switches (interruptores) to be supplied at second floor?

Answer: **The switches location is included in the attached E6' drawing.**