



RESPONSES TO QUESTIONS NO. 1

Project Name:	ABIA Airfield Electrical and Pavement Improvements
C.I.P. No	6000.12
IFB No.	6100 CLMC758

DATE: 8/22/2019

RESPONSES TO QUESTIONS

Contractor Questions		Response
1	Reference Drawing E-8-04, Detail 3 Note: Are light fixture base cans classified as a handhole, manhole or pull box?	See Addendum 2 for clarification.
2	All new light fixtures are requiring new Grade 5 carbon steel bolts. Not knowing what the current configuration of the existing base cans are in relation to possible spacers installed, what length bolt is the contractor to price for this project?	See Addendum 2 for clarification.
3	Do the existing base cans have concrete dam rings?	See Addendum 2 for clarification.
4	Do the existing base cans have internal ground lugs. If not, please specify the method the contractor is to use to ground the fixtures to the base can.	Refer to L-125-3.4G in Addendum 2.
5	Do the existing guidance sign foundations have ground rods installed for equipment grounding purposes?	See Addendum 2 for clarification.
6	Is the new cable tray in the airfield electrical vault stainless steel or aluminum?	See Addendum 2 for clarification under general note 3 on E-4-02.
7	Drawing E-4-02 denotes 12" x 4" cable tray being run between the two new electrical distribution panels and the two new switchgear line ups for the 600V feeders. Drawing E-4-06, Detail 2 depicts wireway being run for the 600V feeders. Please clarify which is to be utilized.	See Addendum 2 for clarification.
8	Are all new light to get the grade 5 coated bolts or just the in-pavement lights? Please clarify.	Payment is incidental to the fixture replacement line item. Refer to Method of Measurement in L-125.
9	Note #6 plan page E-6-02 should be L-125-7? If yes then wouldn't make bid item L-125-10 redundant?	See Addendum 2 for modification of this pay item.
10	Please confirm the count for bid item L-125-12. It looks like only lights 17RGL-01 thru 17RGL-17. Please clarify.	See Addendum 2 for clarification.
11	Please confirm color for lights 17LE9-096 thru 17LE9-098.	See Addendum 2 for clarification.
12	Light Fixture Electrical Info – E-6-02 does not match E-6-06 for the L-862 and the L-850C. Please clarify.	See Addendum 2 for clarification.
13	I have a question on the airfield sign counts. Actually, it's more of an observation. Bid Item L-125-16, 2 module signs on existing Foundation: Quantity is listed as 10; I only counted 9 on the Sign Schedule. Conversely, Bid Item L-125-17, 3 module signs on existing Foundation: Quantity is listed as 19; I only counted 20 on the Sign Schedule	See Addendum 2 for clarification.
14	On sheet C-1-14 we summarized the quantities of Concrete Panel Removal and Replace and came up with 4,805 syds. The Bid Item P-101-5.1 Pavement Removal is 7780 syds. Is there other areas not shown or is there a quantity bust?	Refer to C-1-05
15	Will there be an opportunity to assess existing conditions onsite (i.e., site visit)?	No Site visit will be offered.
16	Please confirm if the "enclosed cable tray" will be solid bottom with solid cover.	See Addendum 2 for clarification.
17	Please confirm that new Grade 5 bolts will be required for all fixtures that are removed and reinstalled as part of the L-824C cable replacement work.	Yes, Payment is incidental to the fixture replacement line item. Refer to Method of Measurement in L-125.
18	Can a Line Item be added for installation of L-823 connector kits? (At locations where the fixture/isolation transformer is not being replaced)	Use Item L-125-10. All fixtures requiring connector kits must receive new isolation transformer.
19	Line Item L-125-9 "Reinstall In-Pavement Light in New Base Can in Modified Full Strength Pavement" (Qty of 14) – Cannot identify where these base cans are shown on the drawings. Is this an "As Needed" item? Also, is the 2" PVC conduit tying into these base cans to be considered incidental to the base can installation?	Conduit is incidental to the pay item. Refer to Method of Measurement description in Section L-125.

20	Line Item L-125-10 "Replace Isolation Transformer for Airfield Light" (Qty of 360) –Please confirm if these isolation transformers are for the L-850B TDZ fixtures referenced in Line Item L-125-7.	Refer to Addendum 2 for modification of this pay item.
21	Drawing E-1-09 denoted (2) two electrical manholes that require drainage conduit to the nearest drainage structure. No close or adjacent structures are shown. Can these be removed from the drawings?	See Addendum 2 for clarification.
22	Please confirm that all new fixtures will be LED type.	Refer to fixture schedules for fixture types.
23	Can a Line Item be added for "Broken Bolt Repair"?	See Addendum 2 for clarification.
24	Are the stainless steel cable ID tags an ABIA requirement? Would using a self-laminating vinyl cable marker similar to the Brady B-427, be acceptable?	Yes. Refer to Addendum 2.
25	Based on revisions to FAA handbook now allowing AIP funding for LED L862 and L850C, are LED fixtures an acceptable alternative for the L-862, L-862E, and L-850C quartz fixtures on this job considering all other lighting is LED?	No.
26	The bid list shows all in pavement fixtures are to be installed on existing bases. Are the L868 extensions to be reused or will these be replaced?	Refer to L-125-4.2 for items included in measurement.
27	The bid list shows all elevated fixtures are to be installed on existing bases. Are the base plates to be reused or will these be replaced?	Refer to L-125-3.4(g).
28	Drawing E-4-04 shows an additional 20k and 30k CCR. Please confirm the quantity of CCRs required.	Refer to Keynote 2.
29	Qty 2- S-1 cabinets are shown on drawing E-4-06. Qty 3- S-1 cabinets appear on the bid list. Please confirm how many new cabinets are required and how many of the actual S-1 cutouts are required in each cabinet.	See Addendum 2 for clarification.
30	Keyed Note #1 on Drawing E-6-01 is requiring the contractor to replace existing sign panels listed on the Sign Schedule and Data – 18L Mandatory (18LS15)' schedule. Please specify the manufacturer for the following guidance signs so that the contractor can quote the correct panels: 18LS15-01; 18LS15-03; 18LS15-10; 18LS15-34; 18LS15-44; 18LS15-45; 18LS15-46; 18LS15-47; 18LS15-48; 18LS15-49	See Addendum 2 for clarification.
31	Keyed Note #3 on Drawing E-6-01 is specifying that the existing sign foundations are to be modified, if required, to accommodate the new guidance signs. Please confirm if all of the existing signs to be replaced are Size 3, Style 5, Class 1 and that the new signs are the same number of modules as the existing. Without a thorough site visit, it would be impossible to determine for bidding purposes if an existing sign foundation required modifications.	See Addendum 2 for clarification.
32	Specification Section L-109-2.21b. is requiring that the new constant current regulators be UL certified and labeled. UL certification is not an FAA requirement. Please confirm if the new CCR's will require UL certification and if so, can you provide information on which manufacturers can provide a CCR with this requirement.	Yes, UL Certification is required. Refer to Section L-109.
33	C-100-3 states "The Contract Quality Control Program Administrator (CQCPA) must be a full-time on-site employee of the Contractor...". Will this employee be required to be on site for the life of the project, or only when testing, inspections, etc. activities are being performed?	They must be full-time on-site as indicated in C-100.
34	The bid requirements include an Insurance Cost Form (Section 00425A) (If ROCIP). Will this project have the ROCIP requirement?	No.
End.		