



PURCHASING DEPARTMENT
DIVISION OF BUDGET & FINANCE

PUR-1635
ADDENDUM NO. 1
INVITATION TO BID

HAGERSTOWN REGIONAL AIRPORT RUNWAY 9-27
EDGE LIGHTING AND SIGNAGE REPLACEMENT

DATE: Thursday, October 19, 2023

BIDS DUE: Wednesday, October 25, 2023
2:00 P.M.(EDT/EST)

To Bidders:

This Addendum is hereby made a part of the Contract Documents on which all bids will be based and is issued to correct and clarify the original documents.

Please acknowledge receipt of this Addendum at the appropriate space on the Proposal Form. This Addendum consists of five (5) pages.

NOTE: All Bidders must enter the Washington County Administration Complex through either the front door at the 100 West Washington Street entrance or through the rear entrance (w/blue canopy roof) which is handicap accessible and must use the elevator to access the Purchasing Department to submit their bid and/or to attend the Pre-Bid Conference. Alternate routes are controlled by a door access system. The general public will be subject to wand search and will be required to remove any unauthorized items from the building prior to entry. Prohibited items include but are not limited to: Weapons of any type; Firearms, ammunition and explosive devices; Cutting instruments of any type - including knives, scissors, box cutters, work tools, knitting needles, or anything with a cutting edge, etc.; Pepper spray, mace or any other chemical defense sprays; and Illegal substances.

ITEM NO. 1: *Inquiry:* Drawings indicate the owner has 2-lighted Xs on hand that the contractor can use to close 1 runway. Drawings G302 also propose there will be 4 of these lighted Xs needed for work area #2 that close both runways. Does the owner have any relations with neighboring airports that may have 2 operational lighted Xs for the contractor to use?

Response: In accordance with Sheet G500, Detail 8, Notes, the Contractor is to provide the additional two lighted runway closure markers are to be provided by the Contractor. Unfortunately, the County does not have a relationship with any airports that will allow us to utilize their closure markers. Obviously, there would be issues with potential damage, maintenance, and insurance to contend with.

ITEM NO. 2: *Inquiry:* Drawing sheets G301, G302 and G303 propose several 8 ft barricades with lights for nighttime work for areas 1A, 2 and 3A. Does the airport have any of these barricades with lights for contractors to use?

Response: No, The Contractor will be required to supply the required number of barricades for use on this Project.

ITEM NO. 3: *Inquiry:* Drawings E512 propose a L2" x 36" concrete pier to be added at the end of the existing sign concrete pad for additional sign leg to attach too. Most of the existing sign pads have 2 ft of extra pad poured out beyond existing sign edge. It appears added sign section leg possibly will end up on edge existing sign pad. Please give further directions if this to be the case.

Response: The distance from the edge of sign to the edge of sign foundation varies for all signs identified to be extended. The intent is to install the pier so that it is centered on the additional sign leg. In instances where the additional leg may land too close to the edge of the existing foundation, the contractor shall install the pier directly against the existing foundation and the additional leg may not be centered on the pier.

ITEM NO. 4: *Inquiry:* Drawing E511 detail 1 and 3 propose using 5/8" anchors to install new signs to existing concrete pads. If new signs have the same sign leg flanges and spacing as the old sign leg spacing the existing sign fastening anchors will be in the same locations. It appears there are several different existing size anchors and types used. Please give directions if old anchor bolts or studs are un-useable when old signs are removed or are smaller than 5/8" or existing anchors are in the same place where new anchors are to be installed. If old anchors are in the same place, could they possibly be re-used?

Response: Existing anchor bolts are permitted to be used provided they are free from defect and are compatible with the new sign leg flange. If existing anchor bolts are not suitable for reuse, the contractor shall remove the existing anchor bolts and place new bolts with epoxy.

ITEM NO. 5: *Inquiry:* Are the intentions for the entire airfield runway circuits (2) and taxiway circuit (2) to be shut off and tag out while night work is to be done to replace wiring? Our concern is for our workers to be working in existing manholes, j-cans, and existing light base cans that nothing can get energized while this work is being completed. It appears the RW2-20, north taxiway, and south taxiway circuits may run through several manholes and j-cans as RW9-27 wiring we are to replace.

Response: The intent is that any portion of a runway or taxiway circuit being replaced is locked out and tagged out each shift. Determining which circuits and the extent of the circuits that are inactive will be means of methods of the electrical contractor. The nightly construction windows have been established after anticipated air operations are complete for the day, and the contractor has the ability to shut down circuits as necessary.

(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)

ITEM NO. 6: Inquiry: Please explain what bid item M-150.5.1 Project survey and stakeout is to be used for?

Response: Given the fact that all lights and signs being replaced as part of this Project are on existing known locations, remove this specification and all references to it from the Project Manual and Plans. The SCHEDULE OF PRICES FORM is being reissued in its entirety as part of Addendum No. 1.

ITEM NO. 7: Inquiry: Please explain where bid item L-125.5.14 temporary airfield lighting may be used during construction is to be used?

Response: Temporary airfield lighting is an allocation of cable that may be used by the contractor for temporary conditions, testing, and circuit loop outs. Because the contract allows the entirety of circuits to be replaced, there should not be much temporary cable required.

ITEM NO. 8: Inquiry: Item NO. M-100-4.1 Maintenance and Protection of Traffic (shall not exceed 5% of total contract bid). With procuring lighted X's, barricades, means and methods to place and remove every night during the night work operations with labor cost can this percentage be increased?

Response: Not to exceed has been increased to the FAA maximum of 10%. The SCHEDULE OF PRICES FORM is being reissued in its entirety as part of Addendum No. 1.

ITEM NO. 9: Inquiry: Drawings G301, G302 and G303 propose barricades at various locations for the night work. Are these to direct airfield traffic on construction traffic? Drawing G302, propose flaggers for work area # 2. Please clarify the intentions for the flaggers.

Response: Although Runway 9-27 is closed for Work Areas 1 and 3, Runway 2-20 and associated taxiways are open to aircraft traffic. During Work Area 2 both runways are closed, but the airfield is not closed to taxiing aircraft.

ITEM NO. 10: Inquiry: Drawing G201 note F.1 details contractor to have a sweeping machine onsite. Please confirm this is required for this scope of work.

Response: Some portions of the work areas are off pavement and the pavements adjacent to these areas are still open to aircraft traffic. Given this, the potential exists to track mud and debris onto active airfield pavements. For this reason, the Contractor will be required to have equipment, approved by Airport Operations, on site capable of quickly cleaning these areas.

ITEM NO. 11: Inquiry: Please clarify: Are the runway lights to include an Arctic Kit? As noted in the Method of Measurement 125-4.1 Payment for light fixtures, new or stored with artic kit, isolation transformer and associated

(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)

Response: No, Arctic Kits are not required. In section L-125-4.1 on page L-125-3, Contractor is to remove all references to "Artic Kit."

ITEM NO. 12: Inquiry: Please review and confirm the amount of barriers and locations as noted below. If this is the daily requirement; Bid Item M-100-4.1 may require a percentage increase.

Response: Not to exceed has been increased to the FAA maximum of 10%. The SCHEDULE OF PRICES FORM is being reissued in its entirety as part of Addendum No. 1.

ITEM NO. 13: Inquiry: Work Area 2 requires (4) Lighted Runway Closures. The Hagerstown Airport has 2. Are 2 more available from somewhere? Buy 2 for One Nights work? Buy 5' x 30' Yellow Taxiway Closure Marker?

Response: In accordance with Sheet G500, Detail 8, Notes, the Contractor is to provide the additional two lighted runway closure markers are to be provided by the Contractor. Unfortunately, the County does not have a relationship with any airports that will allow us to utilize their closure markers. Obviously, there would be issues with potential damage, maintenance and insurance to contend with if they were borrowed from another Airport.

ITEM NO. 14: Inquiry: The larger signs to be installed on the existing slabs end up 1 ½" from the edge for bolting to the existing concrete base. The 12" diameter addition will not help with this condition. Reference Drawing E512 Detail 1

Response: The distance from the edge of sign to the edge of sign foundation varies for all signs identified to be extended. The intent is to install the pier so that it is centered on the additional sign leg. In instances where the additional leg may land too close to the edge of the existing foundation, the contract shall install the pier directly against the existing foundation and the additional leg may not be centered on the pier.

ITEM NO. 15: Inquiry: Will the staging area require temporary fencing?

Response: No, fencing is not required. Both staging areas are within the Airport's security fencing so Contractor's equipment and materials will be in a secure area.

ITEM NO. 16: Inquiry: Bis Item M-150-5.1 Project Survey & Stakeout – please define requirements.

Response: Given the fact that all lights and signs being replaced as part of this Project are on existing known locations, remove this specification and all references to it from the Project Manual and Plans. The SCHEDULE OF PRICES FORM is being reissued in its entirety as part of Addendum No. 1.

(NOTE: The wording of all "Inquiries" submitted are displayed exactly as received.)

REVISIONS TO PLANS AND SPECIFICATIONS:

ITEM NO. 17: Schedule of Prices Form:

REPLACE the Schedule of Prices Form (Pages SP – 1 to SP – 5) in the Specifications with the Schedule of Prices Form (Pages SP – 1 to SP – 5) attached to this Addendum.

ITEM NO. 18: Project Manual, Table of Contents, Page TOC-2:

REVISE Table of Contents, Section 5 – Technical Specifications to remove “ITEM M-150 Project Survey and Stakeout...M-150-1” in its entirety.

ITEM NO. 19: Project Manual, Section 5 – Technical Specifications, Item M-150 Project Survey and Stakeout:

REMOVE Item M-150 Project Survey and Stakeout in its entirety.

ITEM NO. 20: Project Manual, Section 5 – Technical Specifications, Item L-125 Installation of Airport Lighting Systems, Page L-125-3:

REVISE Paragraph L-125-4.1, first sentence to read as follows: “Payment for light fixtures, new or stored with isolation transformer and associated equipment shall be per each light installed, complete in place, ready for operation, and accepted by the engineer.”

ATTACHMENTS:

“Revised” Schedule of Prices Form

By Authority of:



Rick F. Curry, CPPO
Director of Purchasing

“REVISED” SCHEDULE OF PRICES FORM

| Item No. | Description | Unit | Approximate Quantity | Unit Price | Total Price |
|-----------|--|------|----------------------|------------------------------|------------------------------|
| L-100-5.1 | Site Locating and Duct Tracing @ <u>Twenty Thousand</u> Dollars <i>(Written)</i> <u>Zero</u> Cents per <i>(Written)</i> | ALL | 1 | \$20,000.00 | \$20,000.00 |
| L-108-5.1 | 1-1/C No. 8 AWG, 5KV, L-824C Cable in Conduit, Installed Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | LF | 28,500 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-108-5.2 | Demolition of Cable in Conduit, Conduit to Remain, per Conduit Length @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | LF | 28,500 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |

“REVISED” SCHEDULE OF PRICES FORM

| Item No. | Description | Unit | Approximate Quantity | Unit Price | Total Price |
|-----------|---|------|----------------------|------------------------------|------------------------------|
| L-109-7.1 | Remove 30KW Constant Current Regulator and Associated Equipment and Install 20KW, 5-Step, 240V, L-829 Constant Current Regulator and all Associated Incoming Power and Communication Appurtenances @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 1 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.1 | L-862(L) Runway Elevated Edge Light Fixture on Existing Light Base, with Transformer and Accessories, Installed Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 64 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.2 | L-862E(L) Runway Threshold/End Light on Existing Light Base, with Transformer and Accessories, Installed Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 16 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |

“REVISED” SCHEDULE OF PRICES FORM

| Item No. | Description | Unit | Approximate Quantity | Unit Price | Total Price |
|-----------|--|------|----------------------|------------------------------|------------------------------|
| L-125-5.3 | L-850C(L) Runway In-Pavement Edge Light Fixture on Existing Light Base, with Transformer and Accessories, Installed Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 5 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.4 | 1 Module – Size 1, Style 3, Class 1, Mode 2, L-858(L) Airfield Guidance Sign on Existing Foundation, with Transformer and Accessories, Installed, Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 10 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.5 | 2 Module – Size 1, Style 3, Class 1, Mode 2, L-858(L) Airfield Guidance Sign on Existing Foundation, with Transformer and Accessories, Installed, Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 15 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |

“REVISED” SCHEDULE OF PRICES FORM

| Item No. | Description | Unit | Approximate Quantity | Unit Price | Total Price |
|-----------|--|------|----------------------|------------------------------|------------------------------|
| L-125-5.6 | 3 Module – Size 1, Style 3, Class 1, Mode 2, L-858(L) Airfield Guidance Sign on Existing Foundation, with Transformer and Accessories, Installed, Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 11 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.7 | 4 Module – Size 1, Style 3, Class 1, Mode 2, L-858(L) Airfield Guidance Sign on Existing Foundation, with Transformer and Accessories, Installed, Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 2 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.8 | 1 Module – Size 4, Style 3, Class 1, Mode 2, L-858(L) Airfield Guidance Sign on Existing Foundation, with Transformer and Accessories, Installed, Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 6 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |

“REVISED” SCHEDULE OF PRICES FORM

| Item No. | Description | Unit | Approximate Quantity | Unit Price | Total Price |
|------------|---|------|----------------------|------------------------------|------------------------------|
| L-125-5.9 | Relocate 2 Module L-858(L) Airfield Guidance Sign on Existing Foundation, Furnish and Install Transformer and Accessories, Installed, Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 2 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.10 | Remove and Replace all Existing Sign Panels within Existing Sign Housing @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 4 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| L-125-5.11 | Install 12” Diameter 36” Deep Reinforced Concrete Pier for Sign Foundation Extension and 6” Deep Washed Stone Maintenance Pad, Complete in Place @ _____ Dollars <i>(Written)</i> _____ Cents per <i>(Written)</i> | EA | 10 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |

SCHEDULE OF PRICES FORM

| Item No. | Description | Unit | Approximate Quantity | Unit Price | Total Price |
|--|---|------|----------------------|------------------------------|------------------------------|
| M-100-4.1 | Maintenance and Protection of Traffic (shall not exceed 10% of total Contract Bid amount) @ _____ Dollars _____ <i>(Written)</i> _____ Cents per _____ <i>(Written)</i> | LS | 1 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| C-105-6.1 | Mobilization (shall not exceed 5% of total Contract Bid amount) @ _____ Dollars _____ <i>(Written)</i> _____ Cents per _____ <i>(Written)</i> | LS | 1 | \$ _____ <i>(Figures)</i> | \$ _____ <i>(Figures)</i> |
| Sub Total B: Sum Total of Base Bid Items <u>M-100-4.1</u> through <u>C-105-6.1</u> @ _____ Dollars _____ <i>(Written)</i> _____ Cents per _____ <i>(Written)</i> | | | | \$ _____ <i>(Figures)</i> | |