



NOTICE TO ALL BIDDERS

ADDENDUM NO. 1

TO THE INVITATION FOR BID FOR

TUCSON AIRPORT AUTHORITY PROJECT

20117966 INSTALL PAPI's AT RYAN AIRFIELD

April 16, 2021

In accordance with the Bid Documents, Bidders on the above-referenced project are hereby notified that the following Addendum, dated April 16, 2021 shall be made a part of the Bid Documents. The Bidder shall acknowledge receipt of this addendum on the Bid Form.

GENERAL

1. The Pre-Bid Conference Summary dated April 13, 2021 and associated sign-in sheets are attached to this Addendum No. 1.

DISCUSSION

1. Please contact Dexter De Vera @ (520) 573-8202 or by email @ ddevera@flytucson.com to set up a site visit appointment
2. Please see link below for the Ground Rules for Construction

<https://s20532.pcdn.co/files/Ground-Rules-05012018-Final.compressed.pdf>

END OF ADDENDUM #1

PRE-BID CONFERENCE SUMMARY

Project Number: 20117966

Project Name: Install PAPI's at Ryan Airfield

Date: April 13, 2021

Time: 10:00 a.m.

Location: Webex

Funding: ADOT/TAA

Contracting Officer: Debbie Cruz

Project Director: Dexter De Vera

Project Engineer: Catherine Alcorn

1. SIGN IN AND INTRODUCTIONS

- 1.1. See attached list for attendees.
- 1.2. Debbie Cruz welcomed all attendees and made brief introductions of TAA staff and the Project Engineer.
- 1.3. Debbie Cruz indicated that a copy of the pre-bid conference summary and associated sign-in sheets will be distributed to all bid set holders of record and pre-bid conference attendees via addendum. Bidders wishing to receive any further addenda must confirm they are on the Bid Holder's List.

2. BIDDING REQUIREMENTS:

- 2.1. Bids will be opened at 2:00 p.m. Local Tucson Time on Thursday May 6, 2021 in the Board Room of the TAA Administration Office, Tucson International Airport, 2nd Level, 7250 South Tucson Boulevard, Tucson, Arizona 85756. If unable to attend in person, a WebEx will be available for those who wish to attend virtually.
- 2.2. All requests for clarifications or substitutions shall be made in writing to the Engineer via email at calcorn@creng.com. Answers will be provided via addendum to all bid set holders of record. The last day for questions will be Wednesday April 21, 2021 by 2:00 p.m. and a final addendum, if necessary, will be issued on Tuesday April 27, 2021.
- 2.3. The contractor shall carefully complete the bid as required by the Contract Documents.
- 2.4. Bidders must prepare their bid on the Bid Form and Bid Schedules provided on pages 48-50 and BS-1 of the Bid Documents and must enclose with their bid all items listed on page 49.

- 2.5. Bidders must enclose a properly executed Non-collusion Affidavit in the form provided on page 51 of the Bid Documents.
- 2.6. Bidders must enclose a properly executed TAA Interest List Form provided in the Bid Documents for themselves and their subcontractors.
- 2.7. All bids must include a bid bond in the amount of 10 percent of the aggregate of the base bid amount in the form shown on page 49 of the Bid Documents.
- 2.8. The Work to be performed will be subject to the provisions of Title 34 of the Arizona Revised Statutes (A.R.S. § 34-201, *et seq.*, as amended). All bidders and subcontractors must be duly licensed to perform the work at the time the bid is submitted (or exempt from licensing requirements). If a licensing exemption is claimed, the bidder must set forth basis for any claimed exception on page 49 of the Bid Form at the time the bid is submitted.

3. CONTRACT REQUIREMENTS:

- 3.1. Bidders shall carefully review the Construction Services Agreement provided on pages 52 - 54 of the Bid Documents, as well as the Master General Conditions, beginning on page 1 of 39 of the Bid Documents.
- 3.2. TAA shall assess liquidated damages in the amount of \$640.00 for each Calendar Day's delay in finishing the Work in excess of the number of days prescribed for Substantial Completion of the Project (83 days). See page 30 of the Master General Conditions.
- 3.3. Insurance requirements are shown on pages 30 - 32 of the Master General Conditions. Bidders should carefully review these requirements to confirm they can comply.
- 3.4. Performance and Payment bonds will be required for this project in the form found on pages 55 and 57 of the Bid Documents.
- 3.5. Contractor must comply with all Federal and State required contract provisions as outlined in the Contract Documents, and the Grant Supplement to the Construction Services Agreement.
- 3.6. Bidders shall carefully review the Grant Supplement to the Construction Services Agreement, which includes Federal and State contract provisions.

4. REPORTING AND DBE REQUIREMENTS:

- 4.1. DBE. It is the policy of TAA to ensure that Disadvantaged Business Enterprise firms ("DBEs") have a fair and equal opportunity to participate in TAA's contracts. Specifically, it is the goal of TAA to ensure that, to the extent reasonably possible and consistent with other legal requirements: (a) DBEs are not discriminated against in the award and administration of TAA's contracts; (b) a level playing field is created on which DBEs can compete fairly for TAA's contracts; and (c) any barriers to the participation of DBEs in TAA's contracts are removed. A copy of this policy is available upon request. TAA has set an aspirational 7% (7% of the dollar value of the contract) DBE participation goal for this contract. If a bidder or subcontractor of the bidder are certified as DBE, the work performed by both shall be counted towards meeting the aspirational goal. Any work performed by a non-DBE bidder or subcontractor/subconsultant shall not. The firm must make a "good faith effort" to meet the stated aspirational participation goal. The firm should consult Appendix A of the DBE Regulations

for guidance on what constitutes "good faith efforts." As a matter of responsiveness, firms must complete and submit the "Statement of Proposed DBE Utilization" in the form provided, with its submittal, including evidence of good faith effort related to TAA's goal if the 7% aspirational goal is not met in part or in full. Bidders and bidders' subcontractors/subconsultants who are submitting as DBEs must be certified DBEs in Arizona in good standing prior to the date submittals are due. TAA recognizes current DBE certifications by the Arizona Department of Transportation (ADOT), City of Phoenix, and City of Tucson. For information regarding DBE firms recognized by TAA, or if you have any questions about TAA's DBE Program, please contact Veronica Ruiz-Ronquillo, TAA DBE Liaison Officer, at 520-573-8100.

- 4.2. The bidders are required to submit the following information: (1) the names and addresses of DBE firms that will participate in the contract; (2) a description of the work that each DBE firm will perform; (3) the dollar amount and percentage of utilization of each DBE firm participating; (4) written documentation of the bidder's commitment to use a DBE subcontractor whose participation it submits to meet the aspirational contract goal; and (5) if the bidder cannot meet the aspirational DBE goal in part or in full, evidence of good faith effort undertaken by the respondent as described in Appendix A to 49 CFR Part 26. To count toward meeting a goal, each DBE firm must be certified in a NAICS code applicable to the kind of work the firm would perform on the contract.
- 4.3. As a condition of the agreement between the parties, the Contractor awarded the contract will be required to report DBE participation efforts. The Contractor will list (1) all certified DBE subcontractors who will be working on the Project, including work performed by Contractor's own forces if Contractor is a DBE and (2) the estimated amount of dollars that will be paid to any DBE subcontractor providing services. This information will be reported on a form to be provided by TAA. In addition, Contractor must provide written confirmation from each DBE of its participation in the Contractor's work. Contractor will be required to track all payments to DBEs working on the Project. At the completion of the Project, Contractor will be required to complete and submit a final certification of payments to DBE firms on a form to be provided by TAA.

5. PROJECT SCOPE AND TIMING:

- 5.1. Dexter De Vera and the Project Engineer reviewed the Scope of the Work.
- 5.2. Dexter De Vera indicated that the successful Bidder will be required to achieve Substantial Completion of the entire Work in accordance with the terms of the contract not later than 83 Calendar Days after the issuance of the Notice to Proceed by TAA.
- 5.3. A copy of the "Ground Rules for Construction at TAA and Ryan Airfield" (May 2018) was made available to meeting attendees. Bidders should note the requirements for a Project Safety Plan

<https://s20532.pcdn.co/files/Ground-Rules-05012018-Final.compressed.pdf>

6. GENERAL INFORMATION:

- 6.1. Construction survey layout requirements are explained in the Contract Documents.
- 6.2. General inspection and acceptance testing will be by the Engineer. Quality Control Inspections and testing will be by the Contractor. Testing requirements are outlined in the Contract Documents.
- 6.3. Traffic control and pedestrian access shall be provided for by the Contractor. Pedestrian access, or other accommodations, shall be safe and well-constructed.

- 6.4. Traffic Control and barricading shall be provided and maintained by the Contractor. Barricades shall be of the type indicated in the Contract documents and be lighted, and secured to prevent blow down.
- 6.5. The Contractor shall pick up and pay for the permit. Permit cost shall be reimbursed by TAA at the Contractor's cost.
- 6.6. An Activity Permit Fees Schedule (Table 17.12.540) covering land stripping and/or earthmoving, trenching, and road construction (including any pavement construction project on TAA properties) has been adopted by Pima County. The Contractor is to include applicable activity permit fees in the bid.
- 6.7. The Engineer explained the requirements for special inspections, submittals, etc.
- 6.8. The location of the Contractor's yard and the haul routes were discussed.
- 6.9. The Contractor is responsible for arranging and payment of all costs for temporary utilities. There is no power or telephone available at the yard area.
- 6.10. Portable toilets will be required at the job and yard site.
- 6.11. All work done within the security area will require TAA Project Officer escorts at no charge to Contractors. However, 24 hour scheduling notice is required.
- 6.12. Subcontractor work shall not be permitted without supervision of the Prime Contractor.
- 6.13. No drugs, alcohol or firearms are allowed on any airport property.
- 6.14. All Contractor vehicles shall be identified with permanent lettering that may be easily read from 20' away, on each side of the vehicle, showing the name of the company. Company owned, but not lettered vehicles, shall be marked with magnetic signs with the company name and shall be at least 12"x24" mounted on each side of the vehicle and easily read from 20' away on each side of the vehicle.
- 6.15. All company vehicles admitted to the secured area shall have a copy of vehicle registration (or rental/lease contract) and insurance card in the name of the company.
- 6.16. All vehicles operating during the daylight hours are required to have a rotating or flashing amber beacon or 3' x 3' orange and white checked flag with 1-foot squares attached firmly to the high point of the vehicle, where it will not fall off or become soiled. During evening hours, rotating or flashing amber beacon attached firmly to the highest point of the vehicle is required.
- 6.17. No private vehicles are permitted in the secured operations area. Parking of private vehicles will be in a designated area, usually in or adjacent to the contractor yard.
- 6.18. All Contractor's and Subcontractors' supervisory personnel shall attend TAA's Driver Training Program. This is a short video program. Following training, supervisors shall brief other personnel.
- 6.19. All Contractor personnel may be required to sign an entry log sheet.
- 6.20. No badging is required.

- 6.21. Construction Safety Vests – in order for badged and non-badged personnel to be identified on construction sites, TAA has adopted a construction safety vest color standard to be utilized in AOA construction work zones. All badged personnel should wear yellow/green construction safety vests. Non-badged personnel should wear orange safety vests. This is only applicable for work within the TUS AOA, SIDA, or Sterile areas that requires badged escorts.
- 6.22. It is mandatory that all aspects of the OSHA Hazardous Materials Communications Program be provided for, including Material Safety Data Sheets, which must be filed in a designated location on the project, available to personnel and the Fire Department.
- 6.23. The Contractor shall be responsible for the immediate cleanup of any leaking or spilled substance, such as fuel, oil, anti-freeze, etc. Spilled materials shall be disposed of off airport property in a proper manner. The Contractor shall provide TAA with documentation describing disposal.
- 6.24. The work and traffic areas must be kept free of debris, including dust, mud, construction materials, etc. which would jeopardize operations. Active pavements adjacent to the work site shall be cleaned by appropriate methods to insure that foreign materials are not present to damage aircraft or ground vehicles.
- 6.25. TAA shall not be responsible for the security of any stored materials or equipment. The Contractor shall provide whatever measures are necessary to protect materials or equipment.
- 6.26. Personnel will be working in a high noise area and should take appropriate protective measures.
- 6.27. If any welding or open flame cutting (including equipment repairs) is done, a daily, no cost, welding permit will be issued by TAA's Fire Department.
- 6.28. TAA has a confined space program is outlined in the project specifications. The Contractor will be responsible to provide all equipment and trained personnel if required by project activities.

7. DISCUSSION

The floor was opened to questions and answers and discussion followed.

8. SITE VISIT

Dexter De Vera indicated that a site visit would be conducted for interested firms by appointment only. ddevera@flytucson.com (520) 573-8202

The conference adjourned at 10:45 a.m.

This is a summary of the proceedings of the Pre-Bid Conference as recalled by Debbie Cruz. A tape recording of the proceedings was made and is on file in the TAA Procurement Department.

cc: File O

QUESTIONS

Q1: Are these LED PAPI's?

A1: No

Q2: Do the PAPI's come with PCU control units?

A2: Yes, these copies were previously utilized for temporary installation at Tucson International Airport, so they are complete units.

Q3: What is your Engineers Estimate for this project?

A3: We will provide that information during the bid opening.

Q4: Is grounding required at each PAPI's foundation?

A4: Yes it is, and that is detailed on the drawings

Q5: Is Electronic files available for the Bid documents?

A5: Yes, they are available at the same location as the physical drawings.

Tucson Airport Authority
7250 S. Tucson Blvd., Suite 300
Tucson, AZ 85706
(520)573-8100

ATTENDANCE SIGN IN SHEET

20117966 Install PAPI's at Ryan Airfield Pre-Bid Meeting



Date: Tuesday April 13, 2021	Time: 10:00 a.m.	Location: WebEx	
NAME	ORGANIZATION	PHONE	EMAIL ADDRESS
4/13/2021 Debbie Cruz	TAA	(520) 573-4831	dcruz@flytucson.com
4/13/2021 Dexter De Vera	TAA	(520) 573-8202	ddevera@flytucson.com
4/13/2021 Susan Rose	TAA	(520) 573-4870	srose@flytucson.com
4/13/2021 Veronica Ruiz-Ronquillo	TAA	(520) 573-4892	vrui-ronquillo@flytucson.com
4/13/2021 Kim Ryan	TAA	(520) 573-4876	kryan@flytucson.com
4/13/2021 Catherine Alcorn	CR Engineers	(480) 816-5541	calcorn@creng.com
4/13/2021 Randy Despain	CR Engineers		rdespain@creng.com
4/13/2021 Jerry Morgan	Brasfield & Gorrie	(205)229-2991	jmorgan@brasfieldgorrie.com
4/13/2021 Hannah Peterson	Pace Electrical	(520) 884-5972	hannaho@paceelectrical.com
4/13/2021 Jeff Tawzer	Rural Electric	(480)850-3565	jefft@ruralelectric.com
4/13/2021 Eric Fisher	Sturgeon Electric		efischer@myrgroup.com
4/13/2021 Matthew Altamirano	Kappcon	(520)292-2225	matt@kappcon.com
4/13/2021 Jim Redzinak	Sturgeon Electric		jredzinak@myrgroup.com

Tucson Airport Authority
7250 S. Tucson Blvd., Suite 300
Tucson, AZ 85706
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ATTENDANCE SIGN IN SHEET

20117966 Install PAPI's at Ryan Airfield Pre-Bid Meeting



Date: **Tuesday April 13, 2021**

Time: **10:00 a.m.**

Location: **WebEx**