

NOTICE OF INVITATION OF BID
PRC Security Upgrades
City of Prescott Project No. 21603
ADOT Project No. E1S1M01C
ADDENDUM No. 1
October 29, 2021



TO ALL PROSPECTIVE OFFERORS RESPONDING TO INVITATION FOR BID FOR CONSTRUCTION OF **PRC Security Upgrades** project at the PRESCOTT REGIONAL AIRPORT, as outlined in the aforementioned Invitation of Bids published on October 17th and October 24th, 2021 in the Prescott Courier; and available via the internet at <http://www.prescott-az.gov/business-development/purchasing/bid-listings/>.

I. General

1. The Bidders are made aware that they must acknowledge receipt of all Addendums, at the time of bid, within Division I of the contract documents. The Bidding Documents and subsequent addenda will be made available through the City of Prescott Website. Bidders must check the City of Prescott website for the latest addenda at:
<http://www.prescott-az.gov/business-development/purchasing/bid-listings/open-bid-requests/>
2. The Meeting Minutes and Attendance Sheet from the Non-Mandatory Pre-Bid Conference Call held on October 26, 2021 at 11:00 am are attached.

II. Changes to Contract Documents

1. Technology Technical Specifications, *Division 28 05 45, Part 2.4.D.*
Delete section *U.S. Federal Government*.

III. Changes to Construction Plans

1. None.

IV. Contractors Questions and Responses

1. **Question:** Specifications: Section 28 05 45, Page 17, 2.7.D US Federal Government: 1.b. *The solution proposed must support certificate authentication of the FIPS-201 credentials at each entry, through a connection from the SMS components to the Federal Bridge.* I have two questions:
 - a. Do ALL readers on site need to be able to read PIV credentials, or if only the NEW gate readers need to read PIV readers?
 - b. Will they require PIV-Class authentication with the Fed Gov bridge? If so, which readers (how many) will be required for authentication?

This is a big deal! The readers and panels currently installed DO NOT read PIV cards and DO NOT support authentication of PIV cards with the Federal Bridge. You would have to replace all the existing readers, and you'd have to add the PIV-Class authentication software as well as replacing the LP-1502 controllers with LP-4502 controllers (which provide for 16 readers that do PIV authentication each).

Response: Readers are not required to be able to read PIV. Specification Section 28 05 45, 2.4.D U. S. Federal Government shall be deleted. The card readers shall match the existing terminal readers.

2. **Question:** Specifications: Section 28 05 45, Page 20, 2.8 Access Control Devices: A. Card Reader/Keypad, iCLASS SE reader, IP65 rated (with gasket): HID 921 Series to match existing card readers. The existing card readers cannot read PIV credentials.

Response: Readers are not required to be able to read PIV.

3. **Question:** Bid Proposal: Base Bid, Technology Line Item 60, Page 4, calls for the security contractor to supply 7 Quazite 10"x15"x12" In-Ground Boxes. Shouldn't this electrical In-Ground box be supplied and installed by the General Contractor's Electrical Sub Contractor?

Response: Coordinate the purchasing and installing of the in-ground boxes with the general contractor.

4. **Question:** Plans: Drawing SE2.4, Keynote #6: Building mounted 6x20x3 Locking Pull Box mounted at 5'.
a. What is the part number of this box? It is a very unusual size.
b. Who is responsible for installing and supplying this box? I assume the Security Vendor.

Response: The box size is a recommended minimum size box. The box shall have a minimum rating of NEMA 3R and be lockable. The responsibility of who is purchasing and installing the box shall be coordinated with the general contractor.

5. **Question:** Plans: Drawing SE2.4, Keynote #10: Provide 8x16x3 Box Mounted to Roof.
a. What is the part number of this box? It is a very unusual size.
b. Who is mounting this box to the roof? Typically, a roofing contractor is the only sub that can mount something to the roof for warranty reasons.
c. If the security vendor is responsible, we will require the owner to provide mounting details and exact location of mounted box.

Response: See Response to Question 4.

6. **Question:** Plans: Drawing SE2.5, Keynote #6: Building mounted 12x20x3 Pull Box.
- What is the part number of this box? It is a very unusual size.
 - Who is responsible for supplying and installing this box? I assume it's the Security Vendor.

Response: See Response to Question 4.

7. **Question:** Specifications: Section 28 23 00, Page 1, 1.2 Summary: *B. Video surveillance system shall be integrated with the City of Prescott Airport Existing VSS monitoring manage system.*
- How much storage space does the existing NVR have? You are adding a lot of cameras so I assume you will need more storage space.

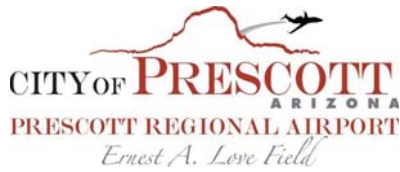
Response: Refer to Drawing SE6.1 Security Electronics Riser Diagram, Keyed Note #1. Existing NVR is a Wisenet XRN-3010. The note indicates for adding additional 16TB hard drives to the existing unit.

8. **Question:** Specifications: Section 28 60 00, Page 5, B. System Management: *1. The system shall provide a web GUI for link monitoring and configuration.* This will need a workstation computer for monitoring.
- Is the owner going to providing a monitoring workstation for the Siklu System?

Response: Since the workstation would be connected to the Airport's network system, the workstation would need to be provided by the Airport (for security network reasons).

9. **Question:** Specifications: Section 28 60 00: Who's responsible for getting the ethernet cable from the Siklu antenna to the switch or switches inside the buildings?

Response: This contract (general contractor, security contractor, or another subcontractor as coordinated with the general contractor) would be responsible to provide all necessary cabling, including the required network cabling from the antennas to the switches (exterior/interior).



Prescott Regional Airport
Ernest A. Love Field
Security Upgrades
City Project No. 21603



**Non-Mandatory Pre-Bid
Meeting Minutes**

Tuesday, October 26, 2021, at 11:00 AM, Arizona Time
Conference Call

1. Pre-Bid Conference Call-In Info:

- Toll number: (669) 900-6833
- Meeting ID: 889 7724 9642
- Passcode: 020284

2. Introductions

a. Airport Staff:

- Kristi Miller Airport Services Manager

b. Design Engineer:

- Duane Dana, P.E. Project Manager Dibble
- John Alcorn, P.E. Electrical Engineer CR Engineers
- Gerry Katafiasz, P.E. Technology Engineer LSW Engineers

c. Construction Administration:

- Dibble Construction Management & Inspection
- CR Engineers Electrical Inspection
- LSW Engineers Technology Inspection

3. Bidding Process and Timeline

- a. Bid Documents Available (City of Prescott Website) October 15, 2021
- b. Pre-Bid Conference Call..... October 26, 2021 - 11:00AM
- c. Written Questions submitted by..... November 2, 2021
- d. Latest Addendum Date November 5, 2021
- e. Bid Opening..... November 10, 2021 - 2:00PM
- f. Bid Format..... Unit Price
- g. Bid Price Hold 90 Calendar Days

4. Bid Schedules

- a. The project is comprised of 3 bid schedules:
 - i. Base Bid Schedule I
 - ii. Add Alt No. 1 Schedule II
 - iii. Add Alt No. 2 Schedule III
- b. A project Bid Bond of 10% of the total, combined project is required.
 - i. Total, combined project means the sum of all 3 bids schedules.
- c. **Project is funded by an ADOT grant**

5. Project Detail (Refer to Airport & Project Site & Phasing Plan)

Intent of project is to improve security required for increased air carrier operations

Base Bid (Schedule I)

- Security upgrades including replacing the access control system, gates and equipment.
- Upgrading and realigning security fencing.
- Installing wildlife exclusion fence barrier.

Add Alt No. 1 (Schedule II)

- Security upgrades including replacing gates and equipment.
- Relocating existing solar equipment.

Add Alt No. 2 (Schedule III)

- Installing wildlife exclusion fence barrier.

6. Contract Durations & Liquidated Damages

- a. Council Approval November 23, 2021
- b. **Tentative** Construction Start December 2021
- c. Contract time:
 - i. Base Bid: 90 calendar days
 - ii. Add Alt No. 1: 90 calendar days, concurrent with Base Bid (if awarded).
 - iii. Add Alt No. 2: 90 calendar days, concurrent with Base Bid (if awarded).
- d. State Grant funded
- e. Liquidated Damages are identified in the following locations of the contract documents:
 - i. Contract Agreement, page CA-4.

7. Special Requirements

- a. General Contractor must hold a Class A License at time of Bid, and through the course of the project.
- b. DBE Goal contract goal of 4.4% (Good Faith efforts)
- c. Attachment A – List of Subcontractors/Firm & DBE Utilization
 - i. Include both DBE and non-DBE subcontractors on this list and dollar amounts.
 - ii. Submit one for each Schedule
 - iii. Bids will be considered non-responsive if not included in bid.
- d. Attachment B – Letter of Intent
 - i. Submit one for each proposed DBE subcontractor for each Schedule
- e. Attachment C – Identification Statement for DBE
 - i. Submit one for combined bid
- f. Attachment D – Demonstration of Good Faith Effort
 - i. Submit one for combined bid

8. Airfield Safety and Security (Refer to Special Provisions Section 60)

- a. Restricted Area:
 - i. Airside area protected by security fencing and access-control gates
- b. **Temporary Security Fencing:**
 - i. Construction will only take place on “landside” worksites
 - ii. Fence will be erected in the Restricted Area and will connect securely to the existing perimeter to maintain the integrity of the Restricted Area.
 - iii. Must be approved by the Airport and/or Engineer for each location
 - iv. Paid for by the linear foot
- c. Personnel Badging:
 - i. Superintendents, Foremen, Supervisors, or Leads will be badged and will escort their work crew. If any member of the work crew requires unescorted access, they will also require an airport security badge.
 - ii. Upon award, submit a badging list for all employees and subconsultants
 - iii. Required prior to beginning work
- d. Vehicle marking & signing:
 - i. All vehicles operating in the Restricted Area will need an orange and white checkered flag or a rotating beacon.
- e. Haul route & and staging and storage area:
 - i. Use the airport perimeter road
 - ii. The access gate to the staging and storage area will remain closed and locked,
 - 1. Access gate is Gate 19
 - 2. A gate guard is required for any time the gate is left open.

9. General Construction Items

- a. Civil Items
 - i. **Wildlife Exclusion Fence Barrier**
 - 1. Reference specific detail in the plans
 - 2. Reference specifications for suitable manufacturer or use approved equal.
 - ii. **3-Strand Barbed Wire (installed on existing fence)**
 - 1. There will be no new fence erected and should be priced accordingly.
 - 2. Reference specifications for detailed instructions
- b. Technology Items
 - i. Biometric License – 5 years
- c. Utility Location
 - i. Contractor responsibility to locate all utilities (Lump Sum pay item)
 - ii. Private utility locator

10. Bidders Questions

- a. QUESTION – The supplier for the wildlife security fencing instructs to clip the spikes at obstructions but plans only show a requirement to excavate?
 - i. ANSWER – Check the detail on the plans. There are two notes:
 1. Clip spikes at obstructions
 2. Excavate if needed to achieve sufficient penetration (e.g. cobbles in area)

- b. QUESTION – New technology system – How should we phase the transition from the existing security system to the new security system?
 - i. ANSWER – There is no current system at the existing gates. The Contractor is expected to set up the radio receivers at the main terminal to access the network at the beginning and ensure the system is working correctly. Then the Contractor can construct each gate adding the equipment to the new access control and video system. Some extra radios will be required to “hop” the signal from one gate to cover longer distances. Phasing will be discussed in depth at beginning of construction.

- c. QUESTION – Is 90 days sufficient time to complete the work at all gates, while only closing two at a time?
 - i. ANSWER (American Fence) – The timeframe is reasonable. Construction start will be dependent on subcontractors’ availability.

- d. QUESTION – Are access cards required to be provided for this scope of work
 - i. ANSWER – Will respond in addendum.

Pre-Bid Conference Call Attendance

Project: PRC Security Upgrades

Date: October 26, 2021

Time: 11:00 am (Arizona Time)

Location: Conference Call

NAME (PRINT)	REPRESENTING	PHONE	E-MAIL
Kristi Miller	Prescott Regional Airport	928-777-1152	kristi.miller@prescott-az.gov
Duane Dana	Dibble	480-757-7876	duane.dana@dibblecorp.com
Mark Hall	Dibble	602-957-1155	mark.hall@dibblecorp.com
Jim Cunningham	Dibble	602-957-1155	jim.cunningham@dibblecorp.com
Randy Despain	CR Engineers	480-213-5220	rdespain@creng.com
Dil Brinton	CR Engineers	480-816-5541	dbrinton@creng.com
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Jarred Holder	Tel Tech Networks	602-431-9399	info@teltechnetworks.com
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