RFP #

STATEMENT OF WORK

Armstrong Physical Security Camera Upgrade, Bldg. 4800 and 4820 Rooftop Cameras

Protective Services (Code J)

6/1/2015

National Aeronautics and Space Administration
Armstrong Flight Research Center
Edwards, California

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1.0 Background

This statement of work calls for the installation of the NASA Armstrong Flight Research Center (AFRC) twelve (12) IP-based digital cameras with any required infrastructure work (mounting brackets, conduit, back boxes or enclosures) that are located on the rooftop of Bldg. 4800 and Bldg. 4820. These cameras will be linked with Lenel OnGuard Video Management System, and the vendor is expected to configure the new cameras into Lenel system upon completion. Some of new cameras and communication infrastructure (fiber and electrical wire) will be furnished by the government (details are listed on para 3.0 Scope of Work).

2.0 Objectives

Enter into an agreement with a company qualified to do the installation of the cameras, camera mounts, camera enclosures or back boxes and electrical conduit as well as provide the four (4) mega pixel cameras and mounts specified in deliverables. After the vendor installation is complete, Armstrong Cable Plant will run new fiber for camera data and Armstrong facilities will pull electrical wire and make all electrical connections. When the Armstrong portion is complete the vendor will return to configure the new cameras to Lenel OnGuard Video Management System at Post One dispatch office and perform functional testing.

Site Survey:
A site survey will be offered to vendors wishing to bid on this statement of work. During this site survey, the bidders will be shown each location of cameras, power and data cable path, back boxes and enclosures, the Lenel head-end panels and central Lenel workstation located at Post One dispatch office. A date will be provided for the survey along with instructions on how to submit personnel information wishing to attend for the Edwards Air Force base gate access. Attendance at the survey is highly recommended; however, it is neither required nor a prerequisite for quote submission.

3.0 Scope of Work

The scope of this effort will cover removal of old analog cameras and mounts from rooftop of Bldg. 4800 and 4820. Install new cameras, camera mounts, camera enclosures and back boxes at the location indicated in drawings (attached). Note: Detailed measurements shall be performed by the vendor at the time of the site survey. The removal and installation of new cameras will include Cameras 01, 02, 03, 04, 04A, 05, 05A, 06, 36, 38, 40 on Bldg. 4800 and Camera 07 on Bldg 4820. The vendor shall install all necessary conduit hardware and back boxes for the installation of each camera, and the AFRC facility and cable plant teams will provide any necessary electrical cable connection and data cables/fiber runs. The vendor will configure the new cameras to Lenel OnGuard Video Management System located at Bldg 4825 Post One dispatch office. Upon completion of the installation, Protective Services will inspect the vendor installations and approve the work. This work will take place at NASA Armstrong located at Edwards AFB.

4.0 Requirements

Conduit Requirements

At the site survey, Vendor shall measure for the conduit installation and provide list of conduit hardware (see 5.0 Deliverables).

Vender will identify the types of anchor screws and any necessary hardware such as for mounting cameras, back boxes or enclosures and conduit (see 5.0 Deliverables).

Vendor shall provide conduit installation drawing based from site survey. The conduit needs to meet NEC Codes for the number of wires and the circuit current rating (discovery at site survey).

Work Requirements

Vendor shall remove old camera mounts and cameras from each location indicated in the provided drawing. Note: Camera 07 on the rooftop of Bldg. 4820 will be relocated as indicated on provided drawing.

All Hardware and cameras removed shall remain in NASA Armstrong's position for proper disposition.

Vendor shall install all electrical conduit to each camera with pull string.

Vendor shall install back boxes, camera enclosures and mounts at each camera. Back boxes or enclosures will house electrical outlets and power supplies for cameras.

Vendor shall configure camera settings on Lenel OnGuard Video Management System (VMS) for functionality checks. Note: Will determine best scheduling to make this happen during the Site Survey. This may require a second visit by vendor to complete.

5.0 Deliverables

- Conduit and Hardware for Conduit installation
- Anchor hardware and screws for mounting Camera Mounts, Back Boxes, Enclosures and Conduit
- Labor for Conduit and Back Box Installation
- Drawing/s for conduit installation
- Labor for installing Camera mounts, Cameras and enclosures (where enclosure is separate from camera)
- Labor for configuring Cameras to Lenel OnGuard VMS
- Vendor shall provide the following 4 sets of cameras and mounting brackets
  1. AXIS P3505-VE 9mm Camera (QTY: 4 units)
  2. AXIS T94M01D Pendant Kit P/N 5505-091 (QTY: 4 units)
  3. AXIS T91D61 Wall Mount P/N 5504-821 (QTY: 4 units)
  4. AXIS T91A64 Corner Bracket P/N 5017-641 (QTY: 4 units)
- Vendor shall provide as built drawings showing Camera placement and Conduit runs and back box locations.

6.0 Government-Furnished Property, Material, Equipment, or Information (GFP, GFM, GFE, or GFI)

NASA AFRC Protective Services will provide Pelco Cameras, Pelco Camera Mounts, Dotworkz Enclosures and Back Boxes.

7.0 Security

NASA Armstrong will provide escort into secure areas as required. The Vendor will provide the following information for all employees performing the site installations:
Full Name
Company Name
Date of Birth
Place of Birth (City, State, Country)
Citizenship
Driver License No. and State of Issue
Last 6 Digits of SSN

9.0 Travel

There are no additional Travel requirements outside of NASA Armstrong. Any vendor travel and expenses are to be included in their quote

10.0 Special Material Requirements

There are no requirements for any special materials in the performance of the service(s).

11.0 Other Unique Requirements

Vendor Lenel Certification:
The vendor is required to be a Lenel OnGuard certified Value Added Reseller (VAR) due to the risk of voiding the warranty of the Lenel equipment if installed and configured by a non-certified Lenel VAR. A copy of the valid Lenel VAR Certification must be submitted with the quote proposal.

Vendor will be responsible for securing and using of telescope manlift equipment to reach high elevated camera mounting location (approximate 40' – 50' high).

Vendor Safety Requirement:
Vendor shall adhere to all Federal and ancillary fall protection standards & regulations during all facets of this task. For tasks requiring utilization of man-lifts and personal fall protection systems (PFPS), an Activity Hazard Analysis (AHA = JHA) will be developed identifying the associated risks and their mitigations. Provide AHA's for review before such tasks are started. Operators of man-lift equipment and PFPS must show currency of training. The vendor shall also provide their workers with required personal protective equipment for the task at hand.

12.0 Place of Performance

Contract service(s) will be performed at NASA Armstrong Flight Research Center located at Edwards AFB, CA.

13.0 Period of Performance

The period of performance (POP) for this project shall not exceed 45 days from the date of contract award.

STATEMENT OF WORK

Armstrong Physical Security Camera Upgrade, Bldg. 4800 and 4820 Rooftop Cameras

1. Overview and Authority

This statement of work describes a proposed contract between NASA Armstrong Flight Research Center (AFRC) and a company qualified to do the installation of the camera mounts, camera enclosures, cameras, back boxes, electrical conduit, and program the new cameras on Lenel OnGuard VMS. The cameras located on the roofline of Bldg. 4800 and 4820 at NASA AFRC at Edwards AFB. In conjunction the vendor's work performance, AFRC Cable Plant will run new fiber for camera data and Facilities will pull electrical wire and make all electrical connections.

2. Scope of Work

The scope of this effort will cover removal of old analog cameras and mounts from rooftop of Bldg. 4800 and 4820. Install new cameras, camera mounts, camera enclosures and back boxes at the location indicated in drawings (attached). Note: Detailed measurements shall be performed by the vendor at the time of the site survey. The removal and installation of new cameras will include Cameras 01, 02, 03, 04, 04A, 05, 05A, 06, 36, 38, 40 on Bldg. 4800 and Camera 07 on Bldg 4820. The vendor shall install all necessary conduit hardware and back boxes for the installation of each camera, and the AFRC facility and cable plant teams will provide any necessary electrical cable connection and data cables/fiber runs. The vendor will configure the new cameras to Lenel OnGuard Video Management System located at Bldg 4825 Post One dispatch office. Upon completion of the installation, Protective Services will inspect the vendor installations and approve the work. This work will take place at NASA Armstrong located at Edwards AFB. The Vendor shall provide the following deliverables

- Conduit and Hardware for Conduit installation
- Anchor hardware and screws for mounting Camera Mounts, Back Boxes, Enclosures and Conduit
- Labor for Conduit, Back Box, Enclosures Installation
- Drawing/s for conduit installation
- Labor for installing Camera mounts, Cameras and enclosures (where enclosure is separate from camera)
- Labor for configuring Cameras to Lenel OnGuard VMS
- Vendor shall provide the following 4 sets of cameras and mounting brackets
  1. AXIS P3505-VE 9mm Camera (QTY: 4 units)
  2. AXIS T94M01D Pendant Kit P/N 5505-091 (QTY: 4 units)
  3. AXIS T91D61 Wall Mount P/N 5504-821 (QTY: 4 units)
  4. AXIS T91A64 Corner Bracket P/N 5017-641 (QTY: 4 units)
- Vendor shall provide as built drawings showing Camera placement and Conduit runs and back box locations.
- Vendor will be responsible for securing and using of telescope manlift equipment to reach high elevated camera mounting location (approximate 40' – 50' high).

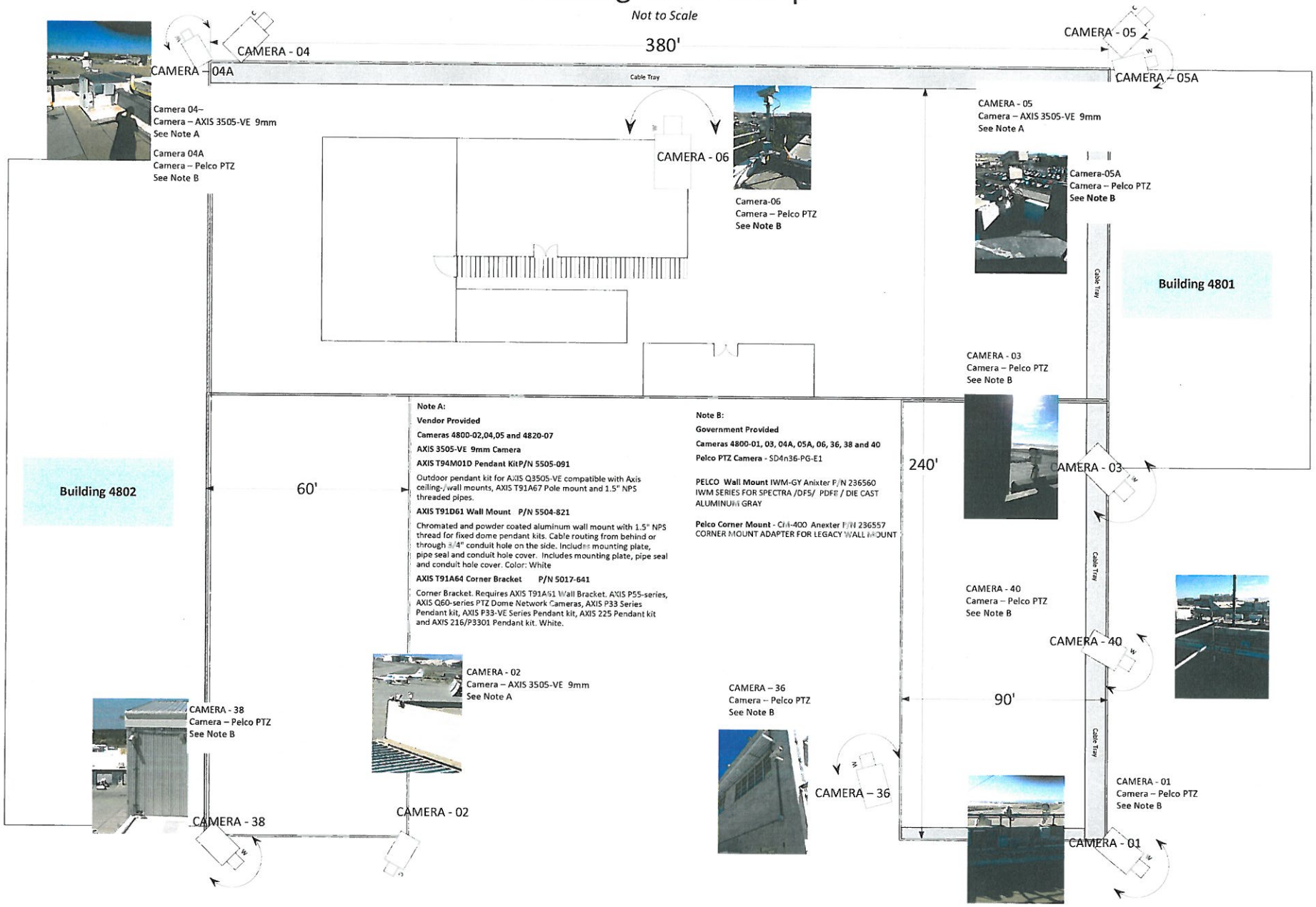
3. Financial Information

POC for this agreement is Kris Kim, Code J. NASA Protective Services.

Code CR Glenda Almeida (Resource Analyst) 661-256-7469

Building 4800 Rooftp

Not to Scale



Note A:

Vendor Provided

Cameras 4800-02,04,05 and 4820-07

AXIS 3505-VE 9mm Camera

AXIS T94M01D Pendant KitP/N 5505-091

Outdoor pendant kit for AXIS Q3505-VE compatible with Axis ceiling-/wall mounts, AXIS T91A67 Pole mount and 1.5" NPS threaded pipes.

AXIS T91D61 Wall Mount P/N 5504-821

Chromated and powder coated aluminum wall mount with 1.5" NPS thread for fixed dome pendant kits. Cable routing from behind or through 3/4" conduit hole on the side. Includes mounting plate, pipe seal and conduit hole cover. Includes mounting plate, pipe seal and conduit hole cover. Color: White

AXIS T91A64 Corner Bracket P/N 5017-641

Corner Bracket. Requires AXIS T91A61 Wall Bracket. AXIS P55-series, AXIS Q60-series PTZ Dome Network Cameras, AXIS P33 Series Pendant kit, AXIS P33-VE Series Pendant kit, AXIS 225 Pendant kit and AXIS 216/P3301 Pendant kit. White.

Note B:

Government Provided

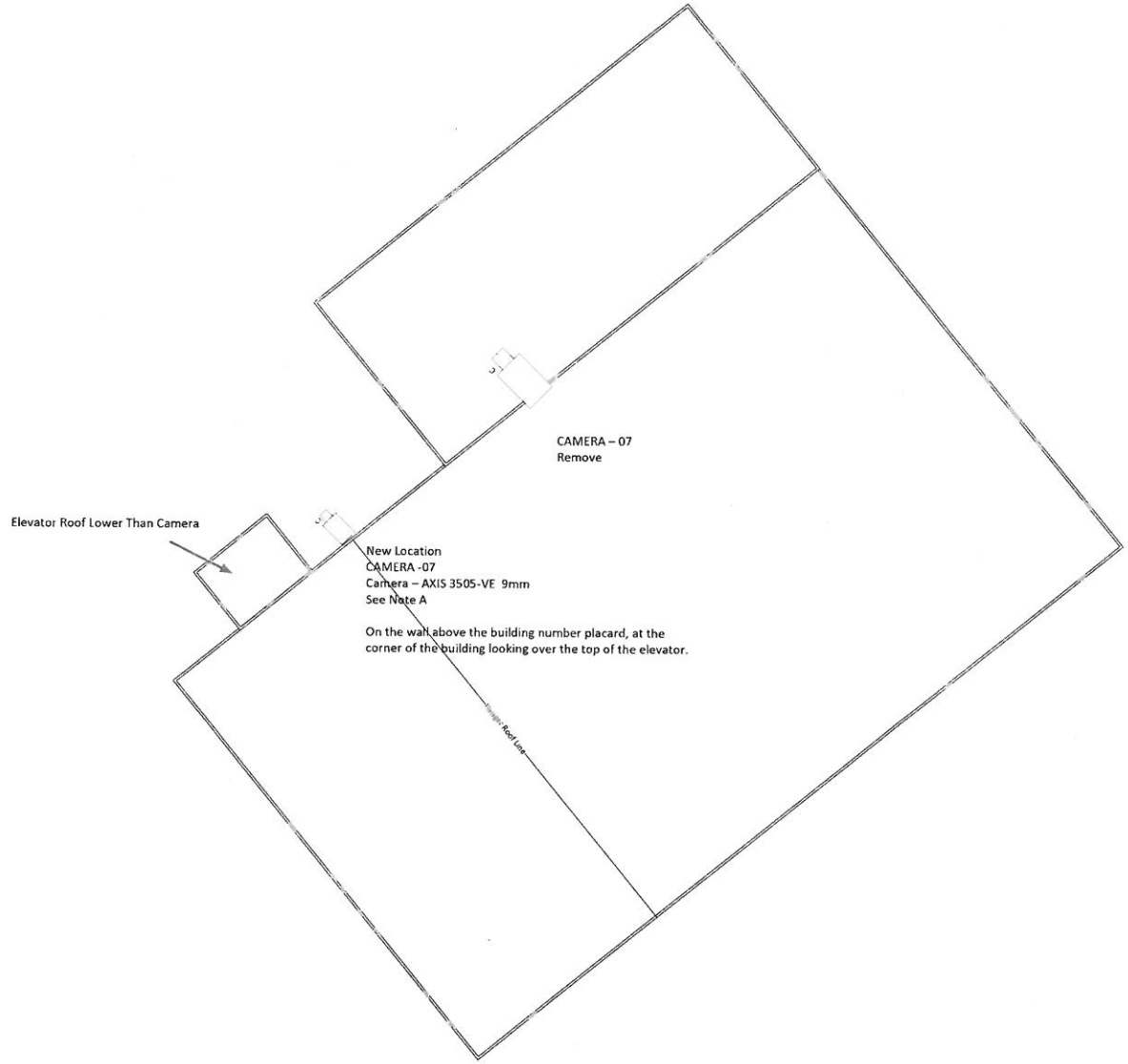
Cameras 4800-01, 03, 04A, 05A, 06, 36, 38 and 40

Pelco PTZ Camera - SD4n36-PG-E1

PELCO Wall Mount IWM-GY Anixter P/N 236560 IWM SERIES FOR SPECTRA /DF5/ PDFR / DIE CAST ALUMINUM GRAY

Pelco Corner Mount - CM-400 Anexter P/N 236557 CORNER MOUNT ADAPTER FOR LEGACY WALL MOUNT

Building 4820 Rooftp

Not to Scale

Parking Lot