arcata

Statement of Work
for

HSPD-12 Two Factor Readers

June 22, 2009

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1 INTRODUCTION

1.1 BACKGROUND

The purpose of this statement of work is to install the two factor reader requirements for the Dryden Flight Research Center (DFRC) and Dryden Aircraft Operations Facility (DAOF) to meet Agency HSPD-12 requirements. Two factor readers must be installed on areas that contain IT computing resources that are not capable of two factor authenticate on the computing resource.

1.2 REQUIREMENTS

This procurement is to furnish and install additional card readers, electrified door locking hardware, and associated access control system devices at DFRC and DAOF and to integrate them into DFRC and DAOF's existing Lenel OnGuard PROI region in NASA's Enterprise System.

If a badge reader does not currently exist at an area that requires two factor authentications, install required equipment required to meet HSPD-12 two factor requirements. This equipment may include but is not limited to

- new keypad badge readers
- reader boards
- reader mounting boxes
- electronic locks

Based on a site survey DFRC will need to install 24 new readers on-site and 16 new reader at DAOF.

This statement of work will be for the installation of all required equipment and conduit. Cable from the access control system headend equipment in each building to the location of the new card readers and associated equipment will be provided by NASA; in addition, power to all of these locations will also be provided by NASA.

All bidders shall be LENEL certified VAR's and be full integrators. All Bidders shall supply LENEL certification documentation before starting the work requirements of this proposal. The Vendor shall have previous knowledge of DFRC, buildings and Access Control Center (ACS) installation. The Vendor shall provide all services at Dryden Flight Research Center, Edwards, CA and Dryden Aircraft Operations Facility, Palmdale, CA. The period of performance (POP) for projected 43 readers shall not exceed 365 Days.

1.3 CUSTOMER

The customer for this project is the DFRC Office of Protective Services (Code J), Mission Operations (Code M) and the Chief Information Officer (Code V)

1.4 NEW SYSTEM DESCRIPTION

Keypad badge readers will need to be installed to provide a two factor authentication capability. This will require a person to also enter a PIN after swiping their badge. If existing Lenel ISC panels are at capacity or do not exist in areas requiring two factor authentication, then new Lenel ISC panels will need to

be installed. If a badge reader does not currently exist at a location requiring two factor authentication, then an electronic lock, a badge reader, a reader interface board, a reader mounting box, cabling between the reader, Lenel ISC panel and the regional server, and power for the electronic lock and reader would need to be installed.

2 REQUIREMENTS

2.1 REQUIREMENTS

If a badge reader does not currently exist at an area that requires two factor authentications, install new keypad badge readers, reader boards, reader mounting boxes, electronic locks.

2.1.1 Card Reader Locations

The vendor will need to install total 43 new readers. This statement of work will be for the installation of all required equipment and conduit. The installation of power will be accomplished by facilities through work orders and cable installation will be performed under Arcata RF&ESS Cable Plant Support. The following are locations that need new readers and type of computing resources that are not capable of two factor authentication

- Building 4825 (1)
  - SCC Entrance Door Computer Equipment (High System)
- Building 4850 (1)
  - EOC Server Room (High System)
- Building 4800 (6)
  - Room 1614 Video Monitoring Computers (High System)
  - Room 1617 CI SIPRNet
  - Room 1618 Video Monitoring Computers (High System)
  - Room 1619 Arms Room
  - Room 1621 Comsec
  - Room 1622 Video Monitoring Computers (High System)
- Building 4838 (1)
  - Room 204 SIPRNet
- Building 4840 (5)
  - Bay 1, 2, 3 – Main Entrance, two hangar pedestrian doors)
  - Bay 4, 5 – Main Entrance and hangar pedestrian door
- Code J Physical Security Requirements (6)
  - Gate 5 (Health Center Gate) – In/Out
  - Gate 9 (Center Rear Gate) – In/Out
  - Gate 51 (Area A Entrance Gate) – In/Out
- Building 4824 (3)
  - Flight Termination System (*Entrance*, *Front Middle* and *Back Doors*)(High System)
- Building 4982 (2)

    - ATF1 Shuttle Systems (*Front* and *Rear Doors*)(High System)
  - Building 4720 (2)
    - ATF2 Flight Termination System (*Front* and *Rear Doors*) (High System)
  - Building 703 DAOF Comm Rooms (12)
    - South TR1.2
    - South TR2.1
    - South Room 231
    - South TR2.2
    - South TR3.1
    - South TR3.2
    - North TR1.1
    - North TR1.2
    - North TR2.1
    - North TR2.2
    - North TR3.1
    - North TR3.2
  - Building 703 DAOF - SOFIA Computer Lab Doors (4)

2.1.2 Expansion

If required, install new Lenel ISC panels for locations that are at capacity or do not exist. Two new Lenel panels will need to be installed to accommodate the new readers. The current building 4800 Lenel panel is at maximum capacity; a new panel needs to be installed in Building 4800. Building 4824 will need its own panel since the Building 4825 Lenel panel will also exceed its capacity. NASA will furning the vendor LNL-2000 boards for the new Lenel ISC panels.

2.1.3 Integration

Reconfigure the Lenel OnGuard software for the keypad badge readers and the new Lenel ISC panels.