

56th Range Management Office (RMO)

STATEMENT OF WORK

FOR Secondary Crash Notification System

Project Title: Secondary Crash Net System

Document Date: 11 August 2023

Objective: The objective of the Statement of Work (SOW) is to purchase a Secondary Crash Notification System (SCN).

Scope: We require an emergency crash conference system specifically for military airfields for emergencies. The ring generation modules would provide instant ringing at all stations (<1 second); includes enhanced lightning protection to prevent line or system failures. The system must be capable of notifying multiple agencies at a time, and can visually verify that those agencies have picked up the line. Must have the capability to ensure this system can easily be upgraded to support Fiber/LAN network, or a hybrid solution of analog.

Background: Airfield Management's current SCN experiences frequent outages and is unreliable; causes delays for emergency notifications to 17 base organizations up to 30 minutes.

1.0 INTRODUCTION

The 56th RMO located at Gila Bend Air Force Auxiliary Field is requesting acquisition and installation of the SCN at Base Operations, Bldg. 324, Airfield Management Office, Room 2.

2.0 GENERAL SCOPE

The Contractor shall provide and install; (1ea) Ringdown Firebar Conference System (RFCS) or equivalent alert system, Cisco Router 4451 Based Chassis w/8 FXS Stations, Release 9 Software, (1ea) System Admin Display Laptop PC and provide user training on the installed equipment.

2.1 Site Survey. Vendor shall conduct an Engineering site survey for "Customer", either on site or via teleconference, to obtain all information necessary for the installation requirements listed in the Pre-Installation Check List provided by vendor.

2.2 General Requirements. Vendor shall engineer, furnish, install, test, and place into service (EFIT&P) an Alert III Emergency Conference System for "Customer". Vendor shall provide all equipment, tools, materials, supplies, transportation, management, and other incidentals necessary to EFIT&P the requirements as stated in this SOW to include the followings:

- a. Pre-Installation Site Survey or Conference Call.
- b. Project Planning and Scheduling.
- c. Definition of System Requirements and Configuration.
- d. Arrangement of Shipping and Logistics.
- e. Complete On Site System Installation, Provisioning, Test and Cutover.

- f. Includes warranty and maintenance support as defined in Purchase Order.
- g. Includes approved spare parts as defined in Purchase Order.
- h. Provide a list of all components installed.
- i. Provide all hardware/software necessary and qualified technicians to support this requirement

2.3 Specific Requirements. The Emergency Conference System shall be equipped with a minimum of (8) ports to alert and track calls to first responders and support key emergency organizations and agencies. The designated number of telephone stations shall be installed. All equipment, supplies, and materials provided shall be new and not refurbished.

2.4 Schedule. Vendor and "Customer" will agree upon a schedule that denotes major activities and includes start and completion dates for this project during the Pre Installation Survey / Teleconference. In addition, vendor shall identify any changes to the schedule by providing an updated schedule. Vendor shall include justification and requests for approval for all schedule modifications.

2.5 Security and Safety Compliance. Vendor shall remain in compliance with all Federal and "Customer" security and safety laws, regulations, policies, and requirements.

2.6 End of the Day Checklist. At day's end, vendor shall keep working area in a neat and cleanly state. Equipment and materials required to complete the work effort may remain on site as long as they are organized/stored in a manner that does not cause a safety hazard.

2.7 Hours of Operation. Vendor shall perform all work during normal hours of the site. Working hours may vary depending on support availability. Any site work requested by Vendor to be performed outside of normal hours shall be coordinated at least five (5) days in advance with "Customer".

2.8 Alert Installation The Alert III installation process must be designed to satisfy all the client's requirements in the shortest amount of time. Since emergency conferencing systems vary greatly in scope and application, Vendor will work with "Customer" to determine how to best implement the system.

2.9 Pre-installation Conference Call - Vendor will schedule a pre-installation visit or a teleconference to discuss the following points so that all parties involved know what to expect.

2.10 Shipping Logistics -Vendor and "Customer" will agree upon the shipping and installation logistics

2.11 Voice Requirements - The Alert III chassis uses fiber or two-wire analog line runs for each instrument. Vendor will determine how best to configure the systems to meet the needs of "Customer" and will discuss all the requirements prior to installation. All line runs will be made by "Customer" and will be tested and available to Vendor upon their arrival

2.12 Power Requirements - Vendor will determine requirements based on the agreed upon configuration and will discuss them with site personnel at the pre-installation visit / teleconference. All power requirements will need to be met prior to arrival of Vendor.

2.13 Installation Date - Vendor will determine in conjunction with "Customer" the date of installation and inform site personnel of start date and projected install times based on the configuration of the system.

2.14 Arrival/Setup Process - Upon arrival onsite, installation Vendor will unpack the system, mount it at agreed location and power it up. Vendor will provide all interconnecting cables, mounting hardware, firmware, software, and interface devices for a turn-key X-port primary or X-port secondary crash alarm system

2.15 Voice and GUI test Once the system checks out they will connect it to the provided lines and run through a series of tests to make sure the system is properly configured. Vendor will inform at the earliest time and specify what type assistance is required

2.16 Training - Vendor will provide training on the system to site personnel. This will include operator training and maintenance troubleshooting. Vendor shall provide original equipment manufacturer (OEM) training for all equipment purchased under this project. The training will include all hardware, software, documentation and training materials. The training will include operator and user training and maintenance / support instruction. Training of up to 9 government users satisfactorily operate and maintain the equipment.

2.17 Warranty support: Vendor will provide after installation support in the form of manufacturer warranties on equipment and warranty for equipment and workmanship for one year after installation. Site personnel will be provided technical support numbers in case assistance is needed after installation.

2.18 Site Requirement. Vendor shall provide all hardware and latest software necessary to support this requirement.

"Customer" will arrange to meet the minimum requirements for site preparation, power, line runs, and any peripheral systems or voice network interconnection, as specified in the Pre Installation Checklist provided by vendor.

2.19 Software Requirement. Vendor shall install the latest version of the software

2.20 System Testing. Plans to conduct system testing shall be developed by vendor. Vendor shall verify that the site has been properly installed and configured by running a subset of the system test procedures prior to an operational test and system acceptance at the site after cutover.

2.21 Operational Testing. Vendor shall perform an Operational Testing of the installed Emergency Conference System to verify that all contacts of the system are notified each time that an Initiation Control console or Telephone activates the system. Tests shall occur at random times during the test and installation period and from both the control console and / or initiator telephones

2.22 System Acceptance. Equipment acceptance will be per industry and OEM standards. The Emergency Conferencing System shall operate in accordance with all feature and functional requirements after operational testing and cutover/in service. Vendor shall provide all support necessary during this period to resolve any issues that may arise. Vendor shall use the equipment manufacturer's standard, commercial quality assurance practices to verify that the Emergency Conferencing System and Touch Screen Console meet all requirements as a basis for acceptance. In addition, Vendor will provide all tasks to assure that the system meets the feature and functional requirements specified herein. Vendor has the responsibility to ensure the installation is tested prior to cutover.

3.0 JUSTIFICATION:

Airfield Management is required to maintain a requirement from Air Force Manual 13-204 Volume 2, Paragraphs 2.5.2.4., 4.2.2.3., and 4.2.2.3.3. Ensure a secondary crash net is installed and operational (T-2). Airfield Management Section must have activation capability and an additional extension to provide immediate access by other personnel (T-2). The system must have a visual feature which activates as each two-way party picks up the handset (T-3).

4.0 DELIVERY

Delivery will start NLT 45 days after award and shall be completed NLT 60 days after award. Maintenance, technical support and warranty will start at the date of contract award.

5.0 PLACE OF PERFORMANCE

All installation, maintenance and technical support on this requirement shall be conducted at Bldg. 324 room 2 at Gila Bend AFAF, AZ.