

Eddie Baza Calvo



Governor

GENERAL SERVICES AGENCY

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Director

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Deputy Director

January 8, 2015

Amendment # 2

Invitation to Bid GSA/PAG-004-15

“VOIP Telephone System and Telephone Services for VOIP IP System”

1. Amend to include pages 31 thru 33 for Scope of Work and Diagram.
2. Amend to change verbiage on page 30 of specifications for Analog POTs Lines:
from: Analog POTs Lines for Fax Service: (1 Each),
to now read: Analog POTs Lines for Fax Service: (2 Each).
3. On page 28 under specifications, Phone Service Features: (1 each)
Amend to **delete** verbiage: Mobility applications to make and receive calls and access UC applications from a smartphone.
4. Amend to change bid opening date and time from: January 9, 2015
10:00 a.m. to now read: January 17, 2015.

****ALL OTHERS REMAIN UNCHANGED****

CLAUDIA S. ACFALLE
Chief Procurement Officer

PORT AUTHORITY OF GUAM

SCOPE OF WORK PORT COMMAND CENTER VOIP Telephone and FAX System

This "Scope of Work" (SOW) has been written to describe minimum equipment and performance requirements to be provided by the equipment vendor bidding. Reasonable tests may be conducted upon delivery before acceptance.

In establishing and relaying the VOIP telephone system (hereafter referred to as the Project) requirements, the Port Authority of Guam (PAG) and the Vendor awarded this Project shall agree that the intent of the Project SOW is to ensure that, ultimately, ALL VOIP telephones and POTS FAX lines are installed correctly and that the telephone and FAX lines are running smoothly with No disturbances, and that ALL proper training is scheduled and conducted for the system's use and operation as intended by the Manufacturer's recommendation

- 1: Install, check and retest ALL 31 each VOIP telephone lines with respect to the attached diagram for proper location, connectivity, and termination. Repair any damaged or bad connectivity connection for ALL lines. ***(Termination/Terminate means to Punch down lines, install connectors, and Hook lines up respectively)***

Location and Listing for Voip phones and POTS Fax lines

23 each VOIP / 1 each POTS Fax lines - Emergency Operations Center (EOC Room)
3 each VOIP / 1 each POTS Fax lines -CCTV Room
2 each VOIP -Conference Room
1 each VOIP / 1 each POTS Fax lines -Chief's Office
1 each VOIP -Administrative Services Officer Office
1 each VOIP -Lobby Area
31 VOIP / 3 each POTS Fax lines -Total

- 2: Install, check, retest, and convert ALL 3 each POTS telephone lines with respect to the attached diagram for proper location, connectivity, and termination. Repair any damaged or bad connectivity connection for ALL lines. ***(Note: ALL POTS Fax Lines shall be wired separately from VoIP System so that they can operate independently with a Direct Line Call Number assigned to each POTS Fax Lines.)***
- 3: Install, test and run ALL Hardware, Switches, and Power Supply for the VOIP System in the rack provided so that the System will terminate/integrate to the Patch Panel in the existing rack. If any additional racks are needed, the vendor must supply and install both rack(s) and Hardware. (As indicated during the site inspection at Port)
- 4: Install the NEW UPS in the rack space provided. UPS must be a rack type mounting and must run the entire telephone system for at least 1 hour after power outage for the

VOIP lines. **(NOTE: If any extensions and/or power strips are to be used, please ensure that they are secured to the racks and meet ALL NEC requirements.)**

- 5: Pipe ALL connections to and from the incoming PPC Demarc to the Hardware, Switchgears, and ALL necessary components of the VoIP System and POTS lines and terminate both ends. All piping and wiring must meet ALL building codes and NEC requirements.
- 6: Terminate and verify ALL connections from the PPC to the Administration Building Demarc and ALL necessary components of the VoIP System and POTS lines. Please note that the PAG is requiring that the minimum ratio of phone trunk to VOIP Phones be close to 4 VOIPs to 1 POTS incoming line on the VoIP System. All Piping and wiring must meet ALL building codes and the NEC requirements. (New phone lines are to installed by PAG personnel)
- 7: Pipe ALL electrical connections to and from the electrical panels. ALL work must be done to building standards and must meet the NEC requirements. (Note, size of wires and load must match the system's requirements as provided by the Vendor for their equipment. Request for electrical tie-in into the main panel must be made by Vendor for PAG Electrical Division to hook up accordingly to breakers.)
- 8: Install and test All 31 VOIP Phones and 3 each POTS Fax lines for connectivity to the system. Ensure that ALL terminations for the allotted VOIP Phones and Fax POTS lines are of standard hookup, such as RJ-11 and 45 in their respective places. In addition, ALL face plates used/provided are properly marked (extensions and/or phone numbers) to include the Patch Panels and other connections patched to the System.
- 9: Recheck ALL connections for the Entire VOIP System and Fax POTS lines, Recheck ALL power source requirements as needed and energize entire system.
- 10: Commission system by installing ALL necessary software, kits, etc. Startup VOIP System and run any diagnostics test, if necessary. Ensure that ALL systems are fully functional; if not, correct discrepancy as needed.
- 11: Hook up and test 2 each PAG's existing FAX machines to POTS Fax line and commission both Fax machines.
- 12: Set up a training day for PAG's I.T., Port Police, Strategic, and Clerical Divisions' personnel for proper training of the entire VOIP System, including Fax line use.
- 13: Warranty shall be 1 year parts and labor, including but not limit to service and support. Warranty shall begin after turnover and training of the entire VOIP phone System and Fax POTS lines to the PAG.

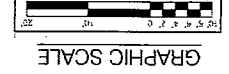
NOTE: This "SCOPE OF WORK" is not necessarily in the order of installation and can be restructured to Vendor's requirement as needed.

REVISION	DATE	DESCRIPTION

DESIGNER	CH	
DESIGNER	JM	
CHECKER	AV	
DATE	06/14/13	

PRIME CONSULTANT	W. L. FERRIS ENGINEERING, CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI
ARCHITECT	ARCHITECT BIRNBO A. CHRISTIAN, MI

PROJECT	JOSE D. LEON GUERRERO COMMERCIAL PORT AUTHORITY OF GUAM - MARITIME AND PORT SECURITY OPERATIONS CENTER
SHEET CONTENT	MS & POC BLDG. ELECTRICAL SITE PLAN
SHEET NO.	24
TOTAL SHEETS	80
DRAWINGS NO.	EMP-2.0



MS AND POC BLDG. ELECTRICAL SITE PLAN
 SCALE: 1"=10'-0"
 EMP-2.0
 1

