



Bid Notice Abstract

Invitation to Bid (ITB)

Reference Number 10547297
Procuring Entity PROVINCE OF PALAWAN
Title Procurement of Communication Equipment
Area of Delivery Palawan

Solicitation Number: B1 GF DPF 24-01-0024	Status	Active
Trade Agreement: Implementing Rules and Regulations	Associated Components	1
Procurement Mode: Public Bidding	Bid Supplements	0
Classification: Goods	Document Request List	4
Category: Communication Equipment	Date Published	13/02/2024
Approved Budget for the Contract: PHP 2,935,000.00	Last Updated / Time	13/02/2024 00:00 AM
Delivery Period: 30 Day/s	Closing Date / Time	06/03/2024 09:00 AM
Client Agency:		
Contact Person: Arjay Ryan Cabanos Garcellano Executive Assistant I Capitol Compound Puerto Princesa City Palawan Philippines 5300 63-48-4235286 63-48-4235286 philgeps.palawanbac@gmail.com		

Description

INVITATION TO BID

The Provincial Government of Palawan through its Bids and Awards Committee (BAC) invites suppliers/manufacturers/ distributors/contractors to apply for eligibility and to bid for the hereunder project.

Name of the Project : Procurement of Communication Equipment

Location of the Project : Puerto Princesa City

Delivery Period : Within thirty (30) calendar days after the receipt of Notice To Proceed

Prospective bidders should have experience in undertaking a similar project within the last 2 years with an amount of:

a) For the procurement of Non-expendable Supplies and Services: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least fifty percent (50%) of the ABC.

b) For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.

The Eligibility Check/Screening as well as the Preliminary Examination of Bids shall use non-discretionary "pass/fail" criteria. Post-qualification of the lowest calculated bid shall be conducted.

All particulars relative to Eligibility Statement and Screening, Bid Security, Performance Security, Pre-bidding Conference(s), Evaluation of Bids, Post-Qualification, and Award of Contract shall be governed by the pertinent provisions of RA 9184 and its Implementing Rules and regulation (IRR).

The complete schedule of activities is listed, as follows:

ACTIVITIES SCHEDULE

Pre-procurement February 7, 2024

Issuance of Bid Documents February 13, 2024

Pre-bid Conference February 21, 2024

Opening of Bids March 6, 2024, at 9:30AM

Bid Documents will be available only to prospective bidders upon payment of a non-refundable amount of Five Thousand Pesos (P 5,000.00) to the Provincial Treasurer's Office and must be submitted to the BAC Secretariat at BAC Conference Room, East Wing, 2nd floor, Gov. Ramon V. Mitra Building, Capitol Compound, Puerto Princesa City, on or before 9:00 AM of March 6, 2024 (Date of Opening of Bids). For inquiries, contact Nicole Francine P. Wu at telephone number (048)423-5286.

The Provincial Government of Palawan assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid.

The Bids and Awards Committee is not honoring nor is involved in any pre-arranged agreements made between the end-user units and supplier/contractors.

PhilGEPS : February 13, 2024 – March 6, 2024

Approved by:

CHRISTIAN JAY V. COJAMCO
BAC - Chairman

Pre-bid Conference

Date	Time	Venue
21/02/2024	9:00:00 AM	BAC Secretariat at BAC Conference Room, East Wing, 2nd floor, Gov. Ramon V. Mitra Building, Capitol Compound, Puerto Princesa City

Other Information

1.

VHF MOBILE BASE RADIO

- Frequency coverage
USA version: TX: 144-148MHz, RX: 136-174MHz Guaranteed range: TX/RX: 144-148MHz
- Number of channels: at least 207 channels (including 6 scan edges, and 1 call)
- Type of emission F2D, F3E (FM)
- Frequency stability: at least ± 3 ppm
- Power supply requirement: at least 13.8V DC $\pm 15\%$
- Current drain (approx.): at least Tx 65W-11A
- Rx Max. audio/Stand-by: 1.5A/0.4A
- Antenna impedance: 50 Ω (SO-239)
- Output power* (at 13.8V DC): 65W, 25W, 10W, 5W
- Max. frequency deviation: ± 5.0 kHz/ ± 2.5 kHz (W/N)
- Spurious emissions: Less than -60dBc
- Microphone impedance: at least 600 Ω (8-pin modular)
- Intermediate frequencies: at least 46.35MHz/450kHz
- Sensitivity (at 12dB SINAD): Less than 0.18 μ V
- Selectivity

Wide: More than 6kHz (at 6dB) Less than 14kHz (at 60dB)

Narrow: More than 3kHz (at 6dB) Less than 9kHz (at 55dB)

- Spurious response rejection: More than 60dB
- Audio output power: at least 4.5W typ. (10% dist. 4 Ω load)
- External speaker connector: at least 2-conductor 3.5 (d) mm

40 UNIT

2.

VHF HANDHELD RADIO

- Frequency Range
VHF: 136-174MHz
- Number of channels: at least 16/128 channels
- Power Supply Voltage: at least 7.4 V nominal
- Channel Spacing: at least 25/12.5Khz
- Battery Life: at least 13hrs
- IP Rating: at least IP54

RECEIVER

- Adjacent Channel Selectivity: at least 65 / 60 dB
- Intermodulation: at least 60/55 dB
- Spurious and Image Rejection: at least 70 dB
- Audio Output: 1W @ 16 Ohms
- Hum and Noise: at least 40 dB
- Conducted Spurious Emission: at least -57 dBm for < 1 GHz, at least -47 dBm for > 1 Ghz

TRANSMITTER

- Output Power: at least 5/1 watt
- Modulation Limiting: at least ± 2.5 kHz
- Conducted Spurious Emission: at least -36 dBm for < 1 GHz, at least -30 dBm for > 1 Ghz
- FM Hum and Noise: at least 45/40 dB
- Audio Distortion: <3%
- Frequency Stability: at least ± 1.5 ppm 75 UNIT

3.

HF MARINE TRANSCEIVER WITH HF BROADBAND

ANTENNA

- Frequency coverage: Receive at least 500 kHz-29.99 MHz,
- Transmit at least 1.6-27.5 MHz
- Restrictions may apply depending on version.
- Number of channels: at least 1136
- Antenna impedance: at least 50 Ω (nominal) Freq. stability: at least ± 20 Hz
- Power supply requirement: at least 13.6 V DC $\pm 15\%$
- Current drain (at 13.8 V DC): Transmit (max. output power) at least 30 A, Receive (max. audio output): at least 2.5 A (negative ground type) or at least 3.0 A (floating ground type)

TRANSMITTER

- Output power: 150, 60, 20 W PEP (selectable)
(60, 20 W only for 25 MHz band)
- Spurious emissions: at least -65 dB
- Carrier suppression : at least 40 dB
- Unwanted sideband : at least 55 dB suppression
- Microphone impedance: at least 600

RECEIVER

- Spurious rejection ratio : at least 70 dB (1.6-29.9999 MHz)
- Audio output power: at least 4.5 W
- Audio output impedance: at least 4 to 8 Ω
- Clarity variable range: at least ± 150 H

ANTENNA

- Frequency: at least 2-30MHz
- Power: at least 150W (PEP)
- SWR: at least Av <2:1 to <3:1
- Type: Terminated Folded Dipole
- Connector: SO-239 10 UNIT

4.

REPEATER STAND ALONE SETUP (FOR 4 UNITS WITH INSTALLATION MATERIALS) WITH INSTALLATION AND FABRICATION OF TOWER MAST AND REPEATER SAFETY HOUSE

INCLUSIONS:

- 30 units Solar Panel at least 100 watts
- 10 units Deep Cycle Battery 12 volts 100A
(Maintenance Free)

- 15 units Solar Charge Controller 12/24 V 20 amps.
- 20 units OMNI Directional VHF Antenna
- 20 sets Magnetic Mount VHF Mobile Antenna
- 2 rolls RG8 Coaxial Cable at least 50 ohms at least 100m per roll
- 1 roll RG58 Coaxial Cable at least 50 ohms at least 100m per roll
- 100 pcs Connector-PL 259 Amphenol
- 100 pcs Connector-BNC PWG TO VHF 239
- 100 pcs Connector N-Type Male to SO 239
- 10 rolls Big Rubber Tape
- 10 rolls Electrical Tape
- 1 box THHN/TWN Stranded Wire 2.0 # 14 1 LOT

Job Order:

Installations and fabrications of tower mast and repeater safety house of PDRRMO communication network in the different favorable sites suitable for VHF repeater communications in Mt. Salakot, Irawan Puerto Princesa City, Bato bato, Narra, Mt. Capuas, boundary of San Vicente & Taytay, Mt. Inan, Dumaran and Mt. Bandera Sitio Manginsurod, Bgy. Punta Baja in the municipality of Rizal, Palawan

WARRANTY

At least 1 year warranty for, transceiver, base radio, hand held radio, Tower mast, repeater safety housing, solar panels, battery and solar charge controller.

DELIVERY

30 days delivery, delivery location: Provincial Government of Palawan, Capitol, Puerto Princesa Palawan.

- With NTC Permit

Purpose: For PDRRMO.

x-x-x-x Nothing Follows x-x-x-x

Created by Arjay Ryan Cabanos Garcellano

Date Created 12/02/2024

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