



## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 10226531  
**Procuring Entity** PROVINCE OF PALAWAN  
**Title** Procurement of Communication Equipment  
**Area of Delivery** Palawan

<b>Solicitation Number:</b> B1 GF DPF 23-09-1155	<b>Status</b>	<b>Active</b>
<b>Trade Agreement:</b> Implementing Rules and Regulations	<b>Associated Components</b>	1
<b>Procurement Mode:</b> Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b> Goods	<b>Document Request List</b>	1
<b>Category:</b> Communication Equipment	<b>Date Published</b>	17/10/2023
<b>Approved Budget for the Contract:</b> PHP 3,000,000.00	<b>Last Updated / Time</b>	17/10/2023 00:00 AM
<b>Delivery Period:</b> 14 Day/s	<b>Closing Date / Time</b>	08/11/2023 09:00 AM
<b>Client Agency:</b>		
<b>Contact Person:</b> 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 fourteen (14) 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 October 11, 2023  
 Issuance of Bid Documents October 17, 2023  
 Pre-bid Conference October 25, 2023  
 Opening of Bids November 8, 2023, 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 November 8, 2023 (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 : October 17, 2023 – November 8, 2023  
 Approved by:

CHRISTIAN JAY V. COJAMCO  
BAC - Chairman

**Pre-bid Conference**

Date	Time	Venue
25/10/2023	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 REPEATER

- 136-174 MHz, at least 50 W
- 400-470, 450-520\* MHz, at least 40 W
- Repeater Operation
- Duplex / Simplex Base Operation
- at least 30 CH Scanning Base
- Two-Digit LED Display
- at least 6 Lighted Programmable Function Keys
- Front Panel Speaker
- Rear External Speaker Output (at least 4 Watts Audio)
- Volume Control
- Microphone Jack
- Program Interface
- Remote Termination Interface
- Programmable AUX I/O's
- Front Panel PF Key Control
- AUX Output Control
- AUX Input Monitoring
- VHF: 25 & 12.5 kHz Channels
- UHF: 25 & 12.5 kHz Channels
- Built-in Scrambler 8 UNIT

2 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  $\pm 3$ 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: 500 (SO-239)
- Output power\* (at 13.8V DC): 65W, 25W, 10W, 5W
- Max. frequency deviation:  $\pm 5.0$ kHz/ $\pm 2.5$ kHz (W/N)
- Spurious emissions: Less than -60dBc
- Microphone impedance: at least 600 $\Omega$  (8-pin modular)
- Intermediate frequencies: at least 46.35MHz/450kHz
- Sensitivity (at 12dB SINAD): Less than 0.18 $\mu$ 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 $\Omega$  load)
- External speaker connector: at least 2-conductor 3.5 (d) mm 30 UNIT

3 VHF HAND HELD 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  $\pm 2.5$ 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  $\pm 1.5$ ppm 75 UNIT

4 HF MARINE TRANCEIVER 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  $\Omega$  (nominal) Freq. stability: at least  $\pm 20$  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  $\Omega$

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  $\Omega$  Clarity variable range: at least  $\pm 150$  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

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REPEATER STAND ALONE SETUP (FOR 4 UNITS WITH INSTALLATION MATERIALS) WITH RADIO PROGRAMMING AND REPROGRAMMING SOFTWARE INCLUSIONS:

- Programming and Reprogramming software
- 2 units at least 14" Laptop: CPU at least 1GHz, RAM at least 8gb, SSD at least 512gb
- 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

WARRANTY

At least 1 year warranty for transmitter, transceiver, base radio and hand held radio

DELIVERY

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

Purpose: For the use of PDRRMO.

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

**Created by** Arjay Ryan Cabanos Garcellano

**Date Created** 16/10/2023

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