



Republic of the Philippines  
Province of Surigao del Sur  
City of Bislig

## INVITATION TO BID

The Local Government Unit of Bislig City, through its Bids and Awards Committee (BAC) invites PhilGEPS registered Supplier's to apply for eligibility and to bid for the hereunder project:

Name of Project : **SUPPLY AND DELIVERY OF MOVABLE AND DEPLOYABLE ICT RESOURCE UNIT (MDRU)**

Location : CDRRM OFFICE

Brief Description :

1 lot **MOVABLE AND DEPLOYABLE ICT RESOURCE UNIT (MDRU)**

ITU-T L.392 standard compliant

### Hardware

Intel Processor

CPU: Intel Core i3-40100U, 2x 170GHz, 3MB Cache, 15W TDP

RAM: 2x 4GB DDR3 SO-DIMM (DUAL pc3-12800s DDR3)

1 x 128GB SSD

1 x PCIe Mini Card (full-size)

1 x PCIe Mini Card (half-size)

Intel HD Graphics 4400 (IGP)

1 x Mini HDMI 1.4A, 1 x Mini DisplayPort 1.2

4 x USB 3.0

1 x Gb LAN

Power Supply: 65W, external

Dimensions (WxHxD): 116.6 x 112 x 34.5mm

### Software & Services

Voice Exchange Server

Web Server

Database Server

Application Server

Domain Name Server

DHCP Server

### Mobile Application

#### Supported Platforms:

Android Devices

IOS Devices

### Mobile Carrier

Industrial Type Case

Dimensions: 430mm x 330mm x 154mm Polypropylene Material

### Network Switch

10 / 100 Mbps

Ethernet Ports

Power: 5 Volts DC

### Wireless Access Point

802.11B/G/N

MIMO 2x2

AUTO (WDS), STATION WDS

2.4GHZ

Up to 30 Dbm

2 x EXTERNAL Omni-Directional Antenna (3dBi gain)

10/100 base-T RJ45

Operating Mode (Bridge, Router)

Power Over Ethernet

Professional Metal Enclosure

Small form factor

Which includes the following:

2 units MDRU Hotspot Outdoor Access Points

2 units MDRU Hotspot Indoor Access Points

### **DRIVE-Case Specifications**

- \* Intel Processor
- \* CPU: Intel Core i3-40100U, 2x 1.70GHz, 3MB Cache, 15W TDP
- \* RAM: 2x 4GB DDR3 SO-DIMM (dual PC3-12800S DDR3)
- \* 1 x 128GB SSD
- \* 1 x PCIe Mini Card (ful-size)
- \* 1 x PCIe Mini Card (half-size)
- \* Intel HD Graphics 4400(IGP)
- \* 1x Mini HDMI 1.4a 1x Mini Displayport 1.2
- \* 4x USB 3.0
- \* 1x Gb LAN
- \* Power supply: 65W, External
- \* Voice Exchange Server
- \* Web Server
- \* Database Server
- \* Application Server
- \* Domain Name Server
- \* DHCP Server

### **Client Application**

- \* Mobile Application
- \* Supports:
  - Android devices
  - IOS devices

### **Mobile Carrier**

- \* Industrial Type Case
- \* Dimension: 430mm x 330mm x 154mm
- \* Polypropylene Material
- Network Switch
- \* 10/100 Mbps
- \* 3 Ethernet Ports
- \* Power: 5 Volts DC

### **Wireless Access Point**

- \* 802.11 B/G/N
- \* MIMO 2x2
- \* AUTO (WDS), STATION WDS
- \* 2.4GHz
- \* up to 30 dbm
- \* 2x EXTERNAL Omni-Directional Antenna (3dbi gain)
- \* 10/100 Mbps Base-T RJ45
- \* Operating Mode (Bridge, Router)
- \* Power Over Ethernet
- \* Professional Metal Enclosure

### **Wireless Backhaul**

- \* Radio Specification:
  - Wireless Technology: Propriety W-Jet protocol, 2x2 MIMO
  - Operating mode: Point-to-point
  - Radio frequency band: 5.150-5.150 GHz (country dependent-FCC 5.745 to 5.825 GHz)
  - Channel size: Configurable 20, 40 MHz
  - Max transmit power: 28 (+/-2) dBm\*
  - Modulation schemes: BPSK, QPSK, 16QAM, 64QAM
- \* Antenna:
  - Type: Integrated directional panel
- \* Data Interface:
  - Protocol: Ethernet IEEE 802.3
  - Surge protection: Built-in (IEC 61000-4-2 (ESD) and IEC 61000-4-5 (SURGE))

### **Mobile Power Supply Unit**

- \* 22000maH/Max .65Wh
- \* Lithium Ion Polymer
- \* Charge Time: 4-5 Hours
- \* Output: USB 5V (2.1A), 12V (2A), 19V (3.5A) Max
- \* Input: 19V DC
- \* Built-in Protection Circuit

\* Switching Power Adapter

**Connectivity structures for Hotspot Access Points**

- End-user's Training
- Warranty

Approved Budget  
For the Contract : **P 1,787,993.00**

Source Funds : CDRRM Fund 2014 – Special Trust Fund

Delivery Period : 45 C.D.

Prospective bidders should have completed a similar project within the last 5 years with an amount of at least 50% of the proposed project for bidding. 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, Evaluation of Bids, Post-qualification and Award of Contract shall be governed by the pertinent provisions of R.A. 9184 and its Implementing Rules and Regulation (IRR).

The complete schedule of activities is listed, as follows:

<b>Activities</b>	<b>Schedule</b>
1. Issuance of Bid Documents	Feb. 13, 2020 – Mar. 3, 2020
2. Pre-bid Conference	February 20, 2020 @ 1:30pm
3. Opening of Bids	March 3, 2020 @ 1:30pm
4. Bid Evaluation	March 5, 2020 @ 1:30pm
5. Post-qualification	March 12, 2020 @ 1:30pm
6. Notice of Award	March 17, 2020

Bid Documents will be available only to prospective bidders upon payment of a non-refundable amount of P 5,000.00 to the LGU Bislig City Cashier.

The LGU Bislig City assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid.

The BAC of Bislig City reserves the right to accept or reject any bid, to annul the bidding process, and to reject all Bids at any time prior to contract award, without thereby incurring any liability to the affected bidder or bidders.

Approved by:

Dates of Publication: \_\_\_\_\_  
Newspaper: \_\_\_\_\_

(SGD.) ENGR. ROMULO C. GARAY  
BAC Chairman