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Department of Environment and Natural Resources
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BID BULLETIN
No. 2021-002

T O	:	All Prospective Bidders for the procurement of:

"PROCUREMENT OF I.T. CONSULTING FIRM FOR THE DEVELOPMENT OF CAVES AND WETLANDS INFORMATION SYSTEM (CWIS)" (ABC:P4,400,000.00)

F R O M	:	The Chairperson, Bids and Awards Committee
S U B J E C T	:	**Clarifications on the Bidding Documents**
D A T E	:	August 18, 2021

This bulletin is being issued to clarify concerns raised regarding the bidding documents for the above-mentioned procurement activity based on the agreements reached during the Pre-bid Conference held on August 13, 2021 at the BMB Training Center. All prospective bidders are hereby informed of the following clarifications.

1. Requirement of physical appearance of Bidder representatives during the bid opening on 25 August 2021:

    - With the current community quarantine implementation in NCR (which might be extended), that imposes travel restrictions, the Bureau is suggesting and encouraging the bidders or their representatives to attend the Bid Opening virtually or online thru a link to be provided by BMB-BACSEC. *However,* a **physical** copy of the bid should be submitted prior to the deadline of submission of bids. The BMB BAC will convene a hybrid meeting of online and face-to-face to open the technical proposals.
    - If in case the Enhance Community Quarantine is not extended beyond 20 August 2021, the bidders are welcomed and highly encouraged to attend the bid opening physically.

2. Hardware requirements that will form part of the deliverables to be turned-over to BMB by the consulting firm

    - The Bureau wishes to clarify that the consulting firm may propose only branded equipment that are compliant or with higher than the required specifications, subject to the review and approval of BMB. Attached as **Annex A** are the minimum specifications of the hardware requirements.

3. Hosting Requirement of the System for the series of testing prior to the final turn-over to BMB

- The Bureau wishes to clarify that the consulting firm must provide a temporary domain name and hosting service for the duration of the system testing. Upon turnover, the BMB shall be responsible for providing the official domain name and hosting service in coordination with the Department of Information and Communication Technology (DICT).

4. Operating System Compatibility of the Mobile Application:

   - the Bureau wishes to clarify that the mobile application to be developed shall be available both for Android and iOS operating systems. Further, the mobile application will not be published in stores for public use.

5. Coverage or extent of the Spatial data for the interactive dashboard of the System:

   - the Bureau wishes that at the minimum, the following are required information for the interactive dashboard of the system:
     a. Point data location for caves; and
     b. Spatial data on boundaries of wetlands

6. One (1) year warranty of the information system against system bugs, defect, flaw or glitch commencing from the final turn-over to BMB without any additional cost:

   - The Bureau wishes to clarify that the Consulting firm must provide warranty for the system against system bugs, defect, flaw or glitch commencing from the final turn-over to BMB without any additional cost.
   - The standard 1-year or more warranty certificates for the hardware must also be turned-over to the BMB. After turn-over of the hardware, BMB shall be responsible for the coordination with the supplier or service center for any in-warranty repair or other concerns.

7. Development platform/Frameworks/Development Stacks to be used in the design and development of the system

   - The Bureau wishes to clarify that suggestions or recommendations aside from the prescribed in the Terms of Reference or Bid documents may be accepted. However, BMB advocates for the use of Open Source for interoperability and economic purposes. These matters can be the subject of the negotiation between the Bureau and the highest rated responsive bidder subject to BMB's evaluation.

8. All other aspects on the development of the software/information system shall be subject of negotiation between the Bureau and the highest rated bidder.

For your information and guidance.

NANCY R. CORPUZ

A. Technical Specifications for Branded Laptop Unit for CWIS

Item	Description
Processor	9th Gen Intel Core i7-9750H (2.6GHz, up to 4.5GHz, 6 Cores, 12MB Cache)
Chipset	Intel HM370
Graphics	6GB
Memory	32GB DDR4 2666Mhz
Display	Display Size 15.6 inches Resolution FHD 1920 x 1080 pixels Panel Type IPS, anti-glare, 300 nits, 60Hz IPS, anti-glare, 300 nits, 144Hz
Network	Ethernet : RJ45 100/1000M WiFi :802.11 AC (2 x 2)
Connectivity	HDMI , Bluetooth , Camera , Speakers , 10 key , Trackpad , USB Type-C , USB3.1
Storage	1TB HDD + 512GB SSD/eMMC
SATA	5 x SATA 6.0Gbps
Connectivity	10/100/1000Mbps LAN ,802.11ac Wifi + BT 5.0
OS	Windows 10 Pro
Battery	Up to 57Wh (with NVIDIA GeForce GTX 1660Ti/RTX 2060 graphics)
Dimensions	361.1 x 266.7 x 24.7-26.6 mm
Weight	Starting at 2.3 kg
Warranty	1 year minimum warranty (replacement unit must be available)

B. Branded Core i9-10900K Desktop (Server)

- Operating System: Genuine Windows 10 Professional
- CPU: 10th Gen Intel® Core™ i9-10900K Processor
- Chipset: Intel Z490
- Storage: 2TB (SATA) 7200rpm + 2TB SSD
- System Memory: 64GB (2 x 32GDDR4 up to 2933MHz U-DIMMs)
- Graphics: 10GB GDDR6X Graphics card
- Sound: 7.1 Channel HD Audio with audio enhancer
- Connectivity:
    Wireless LAN: Intel Dual Band Wireless-AC
    Bluetooth: BT5.1
- I/O Front:
    1x USB 3.2 Gen1 Type C
    1x USB 2.0 Type A
    1x USB 3.2 Gen1 Type A
    1x Mic-in
    1x Headphone-out
- I/O REAR
    1x Thunderbolt 3 (PD 15W)
    1x USB 3.2 Gen 2 Type A
    2x USB 3.2 Gen 1 Type A
    2x USB 2.0 Type A
    1x DP out (1.2)
    1x HDMI out (1.4)
    1x RJ45 (2.5G)

5x Audio jacks
      1x Optical S/PDIF out
- Bundled: Gaming Keyboard + Mouse Combo, Headset
- AC ADAPTER/PSU: Modular 650W 80 Plus Gold Certified PSU
- WEIGHT (N.W./ G.W.) : 7.71 kg (17.00 lbs) / 9.73 kg (21.45 lbs)

- Monitor:
      Screen Size: 21.5"
      Resolution: 1920 x 1080
      Refresh Rate: 75Hz
      Response Time: 6.5ms(GtG)
      Panel Type: VA
      Signal Input: HDMI 1.4 x1, VGA
      Audio Output: Headphone out (3.5mm)
- **Warranty**: minimum 1 year for unit (on-site and off-site)

C. Branded Android Smartphone

Type	:	Smartphone / "Phablet"
Phone Shape	:	Bar
OS	:	Android 10.0; One UI 2
SIM	:	Dual SIM , Dual Standby
CPU	:	Qualcomm SM8250 Snapdragon 865 (7 nm+) Octa-core –USA
CPU Speed	:	2x2.73 GHz Mongoose M5 & 2x2.60 GHz Cortex-A76 & 4x2.0 GHz Cortex-A55 (Global), 1x2.84 GHz Kryo 585 & 3x2.42 GHz Kryo 585 & 4x1.8 GHz Kryo 585 (USA)
Storage	:	128GB
RAM	:	8GB
External	:	microSD, up to 1TB
Battery	:	Non-removable, Li-Po 4,500mAh Fast Qi/PMA wireless charging 15W Power bank/Reverse wireless charging 9W
Display Size	:	6.7 inches
Display Resolution:		Quad HD+ 3200 x 1440 pixels, Dynamic AMOLED 2X
Network Type	:	2G , 3G , 4G (LTE)
2G	:	GSM850, GSM900, DCS1800, PCS1900
3G	:	UMTS B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900)
4G (LTE):		FDD LTE B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B17 (700), B18 (800), B19 (800), B20 (800), B25 (1900), B26 (850), B28 (700), B32 (1500), B66 (AWS-3) TDD LTE B38 (2600), B39 (1900), B40 (2300), B41 (2500)
Speed	:	HSPA 42.2/5.76 Mbps, LTE-A (7CA) Cat20 2000/200 Mbps
Camera (Main):		12MP + 12MP + 64MP + 0.3MP
Front Camera :		10MP
Others Features:		Wi-Fi , Hotspot/Tethering , GPS , Bluetooth , OIS , Flash , Waterproof , Face Unlock , Fingerprint Scanner , NFC , Wireless Charging , Quad Cameras, Bezel-less
Dimensions	:	161.9 x 73.7 x 7.8 mm
Weight	:	186g