



Project: **SUPPLY AND DELIVERY OF HIGH-GAIN LTE WIRELESS BROADBAND INTERNET ROUTER IN PREPARATION FOR ONLINE LEARNING MANAGEMENT SYSTEM**

The PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGION CAMPUS (PSHS-MRC) intends to apply the sum of **ONE HUNDRED FORTY-SIX THOUSAND NINE HUNDRED NINETY SEVEN PESOS (Php146,997.00)** being the Approved Budget for the Contract (ABC) to pay for the contract for the Project: **SUPPLY AND DELIVERY OF HIGH-GAIN LTE WIRELESS BROADBAND INTERNET ROUTER IN PREPARATION FOR ONLINE LEARNING MANAGEMENT SYSTEM.**

1. The PSHS-MRC now invites qualified suppliers/manufacturers/dealers to submit price quotations for the above item with the following specifications:
1.1 Please see attached request for quotation form.

SUPPLY AND DELIVERY OF HIGH-GAIN LTE WIRELESS BROADBAND INTERNET ROUTER IN PREPARATION FOR ONLINE LEARNING MANAGEMENT SYSTEM

2. Procurement will be conducted through one of the Alternative Modes of Procurement which is "Small Value Procurement" specified under RA 9184, and its Revised IRR, otherwise known as the "Government Procurement Reform Act".

3. Eligibility Requirements for Small Value Procurement are:

- a.) Certificate of Registration
- b.) Updated Mayor's Permit
- c.) Updated DTI / SEC Registration
- d.) Updated Quarterly Income Tax Return / Tax Clearance
- e.) PhilGEPs Certificate of Membership / Registration or Snapshot of Registered Account in PhilGEPs
- f.) Notarized Omnibus Sworn Statement
- g.) Landbank Passbook Account and Snapshot of Account in Landbank System for Payment Purposes
| Alternative is through Check Payment if Supplier has no Landbank Account
- h.) Filled out Supplier's Information Sheet

4. Interested suppliers may obtain the Request for Quotation (RFQ) Form from the Finance and Administrative Division (FAD), PSHS-MRC c/o Mr. ELIAZAR M. FIRMALO, (0933-337-2203 (Sun)/ bacsec@mrc.pshs.edu.ph on July 01 - July 07, 2020 from 8:00am – 5:00pm without cost.

5. The deadline for submission of duly accomplished RFQ Form (Open or Sealed) is on July 07, 2020, 5:00 pm. Suppliers are not required to attend the Opening of Quotations.

6. The winning supplier will be notified in writing or by phone or otherwise by the Head of the Procuring Entity (HOPE) subject to the provisions of RA 9184 and its Revised IRR.

7. The PSHS-MRC reserves the right to accept or reject any price offer, and to annul the procurement process and reject all offers at any time prior to contract award, without thereby incurring any liability to the affected supplier or suppliers.


JOANE C. DALISAY
BAC Chairperson - Goods



Republic of the Philippines
Department of Science and Technology
PHILIPPINE SCIENCE HIGH SCHOOL - MIMAROPA REGION CAMPUS
Brgy. Rizal, Odiongan, Romblon

REQUEST FOR QUOTATION

Quotation No.:
Date:

2020-06-PR044
30-Jun-2020

GENTLEMEN:

May we request for quotation on materials enumerated hereunder. If you are interested and in a position to furnish the same, we shall be glad to have your best prices.

DELIVERY WITHIN 15 CALENDAR DAYS UPON RECEIPT OF APPROVED PURCHASE ORDER (PO).

In case of failure to make the full delivery / completion within the time specified as offered / required, the Supplier / Contractor shall be liable for liquidated damages / penalty of one-tenth (1/10) of one percent (1%) of the Contract Price per calendar day of delay minus the value of the delivered / completed portion (s) of the approved P.O. / Contract.

ITEM #	QTY	UNIT	ITEM / DESCRIPTION	UNIT COST	TOTAL COST
PRICES MUST BE TAX (VAT) INCLUSIVE					
Lot 1	3	set	Category 12 4G LTE Wireless Router		
			Openline. Any SIM will work with 3x Carrier aggregation		
			3G Category: R8 (42.2Mbps Downlink, 11.2Mbps Uplink)		
			3G bands: 1 (2100MHz) / 5 (850MHz) / 8 (900MHz) / 3 (1800MHz)		
			LTE Category" 12 (600Mbps Downlink, 150Mbps Uplink)		
			LTE FDD bands: 1 (2100MHz) / 3 (1800MHz) / 5 (850MHz) / 7 (2600MHz) / 8 (900 MHz) / 20 (800MHz) / 28 (700MHz)		
			LTE TDD bands: 38 (2600MHz) / 40 (2300MHz) / 41 (2500MHz)		
			Architecture: ARM 32bit		
			CPU: IPQ-4019		
			CPU core count: 4		
			CPU nominal frequency: 716 MHz		
			Dimensions: 240 x 156 x 44 mm		
			Operating System: RouterOS (compatible only with v7.0 and above)		
			Size of RAM: 256 MB		
			Storage size: 16 MB		
			Tested ambient temperature: -40°C to 70°C		
			Number of DC inputs: 1 (DC jack)		
			DC jack input Voltage: 12-28 V		
			Max power consumption: 23 W		
			Max power consumption without attachments: 17 W		
			Wireless 2.4 GHz Max data rate: 300 Mbit/s		
			Wireless 5 GHz Max data rate: 867 Mbit/s		
			Includes 24V 1.5A power adapter		
			with warranty		
	3	set	Load Balance Broadband Router		
			Interface: 1 Fixed Ethernet WAN Port 1 Fixed Ethernet LAN Port 3 Changeable Ethernet WAN/LAN Ports		
			Network Media: 10BASE-T: UTP category 3, 4, 5 cable (Max 100m) 100BASE-TX: UTP category 5, 5e cable (Max 100m)		
			Flash: 8MB		
			DRAM: 64MB		
			Concurrent Session: 30000		
			WAN Connection Type: Static/Dynamic IP, PPPoE, PPTP, L2TP, Dual Access, Bigpond Cable		
			DHCP Server/Client, DHCP Address Reservation		
			MAC Clone: Modify WAN/LAN MAC Address		
			Switch Setting: Port Mirror, Rate Control, Port Configuration, Port VLAN		
			ACL: IP/MAC/URL/WEB Filtering		
			IGMP: IGMP Proxy/IGMP Snooping		
			Forwarding: Virtual Server, Port Triggering, DMZ		
			Load Balance: Policy Routing, Link Backup		
			Continued on Next Page		
			Sub-total		


DELIVERY TERM:

DELIVERY WITHIN 15 CALENDAR DAYS UPON RECEIPT OF APPROVED PURCHASE ORDER (PO).

DELIVERY TIME:

PAYMENT TERM: 30 Calendar Days Upon Receipt of Purchase Order (PO)

Very Truly Yours,


ELIAZAR M. FIRMALO
A. O. III - Supply Officer II
Mob. No.: 09935-3372203(Sun)
Email: bacsec@mrc.pshs.edu.ph

Authorized Company
Representative: _____

PRICES IN THE ABOVE OFFER ARE CERTIFIED TRUE AND CORRECT:

(Signature over Printed Name)

Company Name: _____

Address: _____

Mobile No., Tel. No.: _____

T.I.N.: _____

IMPORTANT

- Prices must be typewritten in ink clearly.
- If offering a substitute / equivalent, specify brand name and make



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PRICES MUST BE TAX (VAT) INCLUSIVE					
			NAT: One-to-One NAT, Multi-Nets NAT		
			Traffic Control: Bandwidth Control, Session Limit		
			PPPoE Server, E-Bulletin, Dynamic DNS, UPnP		
			with warranty		
	3	set	Category 6 4G LTE Wireless Router		
			Openline. Any SIM will work with carrier aggregation		
			Operating Frequency:		
			Inter-band: B1+B3, B1+B5, B1+B19, B1+B8, B1+B20, B1+B28, B3+B5, B3+B19, B3+B7, B3+B8, B3+B20, B3+B28, B4+B28, B5+B7, B5+B38,		
			Intra-band contiguous: B1+B1, B3+B3, B7+B7, B26+B26, B38+B38, B40+B40, B41+B41		
			Intra-band noncontiguous: B3+B3, B38+B38, B40+B40, B41+B41		
			LTE FDD 2600/2100/1900/1800/1700/1400/900/850(B5,19,26) /800/700(B28) MHz		
			LTE TDD 2300/2500/2600 MHz		
			(3G): DC-HSPA+/HSPA+/HSUPA/HSDPA 2100/1900/900/850/800 MHz		
			Support LTE Cat6 (LTE CA), speed up to 300Mbps		
			Wi-Fi 802.11b/g/n/ac, 2.4G/5G Dual Band Concurrently, AC up to 1300Mbps		
			32 wifi users/band (up to Max. 64 wifi users)		
			External antenna interface		
			1 Lan/Wan Port, 3 Lan Port		
			With 2 detachable external antenna		
			with warranty		
	3	set	1790 ~ 2600 Mhz MIMO Parabolic grid antenna		
			Antenna Type: Parabolic Grid		
			Frequency Range: 1790 ~ 2600 Mhz		
			Application: 4G LTE / 3G		
			Gain: 2 x 24 dbi		
			Horizontal Beamwidth: 12°		
			Vertical Beamwidth: 18°		
			VSWR: < 1.5:1		
			Impedance: 50 Ω		
			Front to Back Ratio: 16		
			Max Power: 100 watts		
Continued on Next Page					
				Sub-total	


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			Polarization: $\pm 90^\circ$ (MIMO)		
			Connector: 2x N-Female		
			Connector to Device: SMA-Male		
			Weight: at least 4.5 kg		
			Material: Power-coated Aluminum Alloy		
			With a maximum range of 26 kilometers		
			Inlcudes LMR240 30 Meters Cable - SMA-Male Connectors		
			with warranty		
	3	set	700 ~ 805 Mhz Parabolic Grid Antenna		
			Frequency Range: 700 ~ 805 Mhz		
			Application: 4G LTE 700Mhz		
			Gain: 16 dbi		
			Horizontal Beamwidth: 16°		
			Vertical Beamwidth: 12°		
			VSWR: < 1.5:1		
			Impedance: 50 Ω		
			Front to Back Ratio: 16		
			Max Power: 100 watts		
			Polarization: Vertical		
			Connector: N-Female		
			Connector to Device: SMA-Male		
			Inlcudes LMR240 30 Meters Cable - SMA-Male Connectors		
			Material: Power-coated Aluminum Alloy		
			Directional: True		
			with warranty		
			Nothing Follows		
			TOTAL COST		


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Reference:

Category 12 4G LTE Wireless Router - Mikrotik Chateau LTE12



Load Balance Broadband Router - TL-R480T+



Category 6 4G LTE Wireless Router - Huawei B525s-65a



1790 ~ 2600 Mhz MIMO Parabolic grid antenna



700 ~ 805 Mhz Parabolic Grid Antenna

