LUNGSOD NG
PASIG
SAGISAG NG LUNGSOD NG PASIG METRO MANILA
1573
UMAAGOS ANG PAG-ASA

BIDS AND AWARDS COMMITTEE

BID BULLETIN NO. 01

Date: **16 August 2023**

ITB No.: **bac-23-0802c**

Project Name: **Installation, Testing and Commissioning of Fiber Backbone and Wireless Network - PLP**

ABC: Php1,190,000.00

To all prospective bidders:

This Bid Bulletin is issued to clarify, supplement, modify and/or revise the particular sections in the Bid and Contract Documents as stipulated in the Bidding Documents issued on 02 August 2023. The Bidders shall take note of the following items carefully and consider them in the preparation of their bid proposals, as they shall form part of the CONTRACT DOCUMENTS.
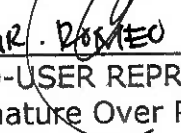
Item	Previous Specification/ Clarification/Request to Consider	Amendment/Response to Clarification
1	**PREVIOUS TERMS OF REFERENCE** xxx xxx xxx C. MATERIALS / EQUIPMENTS As reflected in the Bidding Documents/Terms of Reference uploaded in PhilGEPS D. TECHNICAL SPECIFICATIONS As reflected in the Bidding Documents/Terms of Reference uploaded in PhilGEPS	**AMENDMENT TO TERMS OF REFERENCE** xxx xxx xxx C. MATERIALS / EQUIPMENTS Please refer to "ANNEX A" for the Revised Item C. MATERIALS / EQUIPMENTS D. TECHNICAL SPECIFICATIONS Please refer to "ANNEX B" for the Revised Item D. TECHNICAL SPECIFICATIONS

Bidders who have already submitted bids are hereby informed that they are allowed to modify or withdraw their bids, if necessary, before the scheduled opening of bid envelopes.

For modifications in your original submitted bid, kindly submit new bidding documents (sealed and marked as "Modified Bid") and have these received at the Office of the Bids and Awards Secretariat. Bid modifications received after the deadline shall not be considered and shall be returned to the bidder unopened.

Conforme:

ENGR. ROMEO V. BAWA JR.
END-USER REPRESENTATIVE
Signature Over Printed Name

ATTY. JOSEPHINE C. LATI-BAGAOISAN
Chairperson

MATERIALS / EQUIPMENTS

Item No.	Description	Qty	Unit
FIBER BACKBONE			
1	Fiber Optic Laying	2000	mtrs
2	8 Core Fiber Optic Cable SM Outdoor	2000	mtrs
3	4 Port ODF SC Loaded w/ Couler Rackmount	9	pcs
4	24 Port ODF SC Loaded w/ Coupler Rackmount	2	Units
5	SC Pigtail SM 1M	72	Pcs
6	Fiber Patchcord SM 9/125 2M	16	Pcs
7	24 Port POE Switch with 2SFP Port USW-Pro24-POE	9	Pcs
8	1.5Ft Wallmounted Data Cabinet	9	units
9	16 Port Core Switch XG 16 Core	1	Pc
10	PVC Pipe 1"	150	pcs
11	PVC Pipe 1 1/2	50	Pcs
12	PVC Pipe 3/4"	180	Pcs
13	Pull Box	25	Pcs
14	SFP Module SM		
15	Fiber Splicing and Testing	72	Core
16	Labor and Engineering	1	Lot
17	Consumable Materials (Connector, Ties, Tapes and Screw)	1	
18	Mobilization and Demobilization	1	Lot
	Accessories	1 lot	
1	SFP Module - SM-10G-BiDi		
2	2m 10G SFP+ DAC, SFP Cables		
3	SC/PC Duplex SM Adapter		
4	FO Pigtail SC-UPC 1.5 meters		
5	Fusion Sleeve		
6	Patch Cord Cat6 1meter Slimline		
7	RJ45 1G Module		

TECHNICAL SPECIFICATIONS

1. **8 CORE Fiber Optic Cable Single mode Outdoor**
   - No. of Fiber: 8 Fiber
   - Attenuation: 1310/1550nm
   - Cladding Diameter: 125 ± 1.0μm
   - Loose Tube Diameter: 2.5
   - Application: Outdoor
   - Minimal Installation bending radius: 20 x OD
   - Minimal Operation bending radius: 10 x OD

2. **24 Port ODF SC Loaded w/ Coupler Rackmount**
   - The slidable Rackmount Fiber Optic Distribution Frame has aluminum fittings with self-locking functions to prevent the drawer from falling when moved; Easy to withdraw the fibers when testing and distributing.
   - Loaded with 24 Pcs. SC Coupler Single mode
   - With Mounting Bracket

3. **4 Port ODF SC Loaded w/ Coupler Rackmount**
   - The slidable Rackmount Fiber Optic Distribution Frame has aluminum fittings with self-locking functions to prevent the drawer from falling when moved; Easy to withdraw the fibers when testing and distributing.
   - Loaded with 4 Pcs. SC Coupler Single mode
   - With Mounting Bracket

4. **SC Pigtail Singlemode 9/125 1M**
   - Connector Type: SC
   - Polish Type: UPC
   - Fiber Mode: Singlemode
   - Wavelength: 1310/1550nm
   - Jacket Color: Yellow
   - Cable Jacket: PVC/LSZH/OFNP

5. **SC-LC Patchcord Duplex Singlemode 9/125 2M**
   - Connector Type: SC-LC
   - Polish Type: UPC
   - Fiber Mode: Singlemode
   - Wavelength: 1310/1550nm
   - Jacket Color: Yellow
   - Cable Jacket: PVC/LSZH/OFNP
   - Type: Duplex
   - Cable Length: 2M

6. 1.5Ft. Wall mounted Data Cabinet
   - Closed type Wallmount Data Cabinet
   - Width: 21.5"
   - Depth: 18" – 20"
   - Height: 1.5Ft.
   - Top Panel with Exhaust Fan
   - Detachable/Fix Side
   - Plexiglass/Perforated Front Door
   - Vertical Wire Management
   - Power Strip 4 to 6 Outlets 3 Prong
   - Powder Coated Black Finish

7. 24 Port POE Switch with 2 SFP Port
   - Layer 2 PoE Switch with 24 GbE PoE+ and 24V Passive PoE RJ45 Pports and 2 1G SFP Ports
   - 250W Total PoE Availability
   - Dimensions: 485x285.4x43.7
   - Weight: Less than 5Kg.
   - Enclosure Material: SGCC
   - Management Interface: (1) RJ45 Serial Port Out of Band
   - Total Non-Blocking Throughput: 26 Gbps
   - Switching Capacity: 52 Gbps
   - Forwarding Rate: 38.69 Mpps
   - Power Method: Universal Input 100-240V 50/60 Hz
   - Power Supply: AC/DC Internal 2500W

8. 16 Port Core Switch
   - Layer 2 aggregation Switch with 12 10G SFP+ Ports and 4 10GbE RJ45 Ports
   - Dimensions: 442.4 x 221 x 43.7
   - Weight: Less than 3Kg.
   - Enclosure Material: SGCC Steel
   - Total non-blocking throughput: 160 Gbps
   - Switching Capacity: 320 Gbps
   - Forwarding Rate: 238.10 Mpps
   - Supported Voltage Range: 100-240V AC

9. SFP Module
   - Multimode
   - 10 Gbps throughput
   - Duplex LC Connector
   - Support Connections up to 300M
   - Must be same brand with the switches

10. PVC Conduit Pipe 1 ½ x 10ft

11. PVC Conduit Pipe 1" x 10ft

12. PVC Conduit Pipe ¾ x 10ft

13. Pull Box

14. Consumable Materials