Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE SCIENCE HIGH SCHOOL - SOCCSKSARGEN REGION CAMPUS
Bids and Awards Committee

SUPPLEMENTAL/BID BULLETIN NO. 1

PROCUREMENT OF DEDICATED LEASED/LINE INTERNET ACCESS SUBSCRIPTION (DLLIAS) (Early Procurement-Short of Award)

PhilGEPS Bid Reference No. 10185363

This Supplemental/Bid Bulletin, dated October 13, 2023, is being issued to modify, amend, and clarify certain items as contained in the **PROCUREMENT OF DEDICATED LEASED/LINE INTERNET ACCESS SUBSCRIPTION (DLLIAS)** (Early Procurement-Short of Award).

SUBJECT MATTER	ORIGINAL SPECIFICATION	CHANGES/REMARKS
Invitation to Bidders Item 5 and PBD for Goods	A complete set of Bidding Documents may be acquired by interested Bidders on **OCTOBER 3-10, 2023** from PHILIPPINE SCIENCE HIGH SCHOOL-SOCCSKSARGEN REGION CAMPUS in the **Procurement Office** located at the **Ground Floor-Administration Building, PSHS-SRC, Brgy. Paraiso, City of Koronadal.**	A complete set of Bidding Documents may be acquired by interested Bidders at PHILIPPINE SCIENCE HIGH SCHOOL-SOCCSKSARGEN REGION CAMPUS **Procurement Office** located at the **Ground Floor-Administration Building, PSHS-SRC, Brgy. Paraiso, City of Koronadal** on **OCTOBER 3-24, 2023.**
Terms of Reference: Scope of Work and Technical Requirements	One (1) Fiber Optic Line for 100Mbps Fiber Internet connection, symmetric upload and download speeds bundled with Telephone Services with two (2) landline numbers	One (1) Fiber Optic Line for burstable Fiber Internet connection, minimum of 100Mbps asymmetrical upload and download speed bundled with Telephone Services with two (2) landline numbers.
Terms of Reference: Scope of Work	Network configuration to align with the existing network setup and equipment of PSHS-SRC	Supply, delivery, installation, and commissioning of Layer 2 Core Network Switch including network configuration to align with and optimize the existing network setup and equipment of PSHS-SRC.
Terms of Reference: Technical Requirements	None	Layer 2 Core Network Switch with the following specifications: • CPU: 98DX3236A1 800 MHz • RAM: 512 MB • Storage type: Flash, 16 MB • Switch chip mode: 98DX3236A1 • 10/100/1000 Ethernet ports: 24 • SFP+ cages (10Gbps Capable): 2 • OS: SwOS /RouterOS (Dual boot) • Supported input voltage: 9 - 30 V (jack or passive PoE) • Dimensions: 443 x 144 x 44 mm • Operating Temp: -40°C .. +60°C tested • Max power consumption: 24 W • Serial port: RJ45

Postal Address: Barangay Paraiso, City of Koronadal, 9506
Email Address: bac@src.pshs.edu.ph

		Features: • Non-blocking Layer 2 switching capacity • 16K host table • IEEE 802.1Q VLAN • Supports up to 4K VLANs • Port isolation • Port security • Broadcast storm control • Port mirroring of ingress/egress traffic • Rapid Spanning Tree Protocol • Access Control List • SNMP v1 • Web-based GUI
Terms of Reference : Technical Requirements	These two physically separate Fiber Optic Lines for internet connectivity shall follow distinct paths for enhanced resilience.	These two physically separate Fiber Optic Lines for internet connectivity shall follow distinct and separate paths for enhanced resilience. To ensure redundancy, each fiber optic line must be connected to distinct Internet Service Providers (ISPs)
Terms of Reference	None	See attached Annex A "Logical Illustration of the Project"

This Bid Bulletin No. 1 shall form part of the documents under this procurement. Any provisions in the Procurement Documents inconsistent herewith are hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Issued this 13th *day of October 2023* in the City of Koronadal, South Cotabato.

JONATHAN A. MADRONERO
BAC Chairperson

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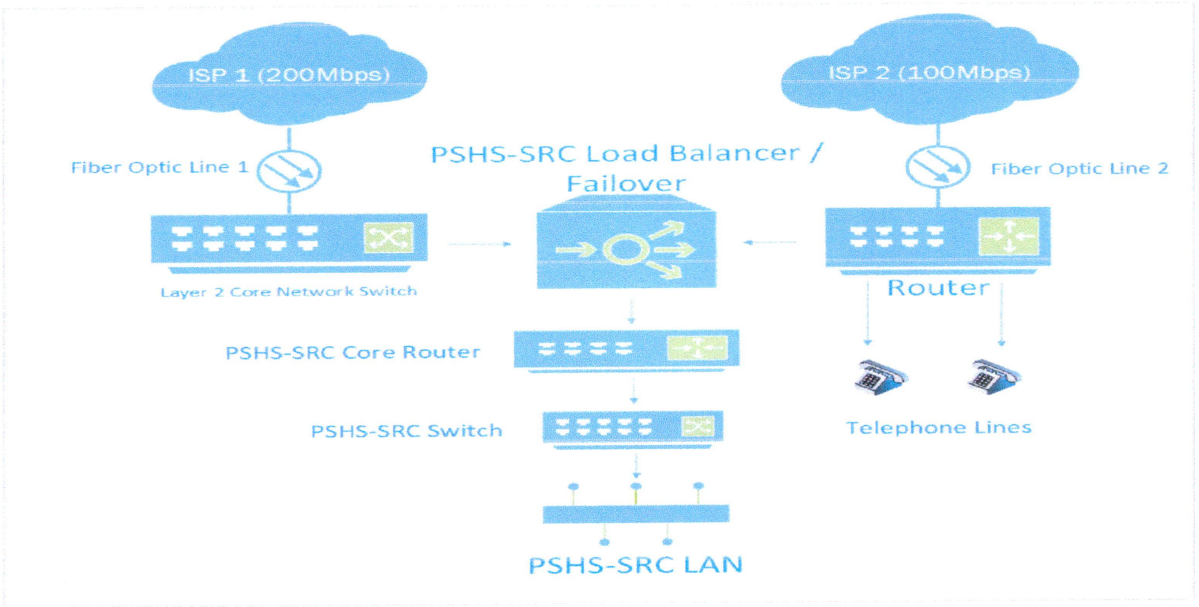
Office of the Campus Director – Information Technology Unit

Premier science high school education begins at DOST-PSHS

Annex A: Logical Illustration of the Project



The illustration shows that the SERVICE PROVIDER must provide two physically separate Fiber Optic Lines for internet connectivity that follow distinct and separate paths for enhanced resilience - One fiber optic line for 200Mbps DLLIAS CIR with 100% bandwidth allocation and symmetric upload and download speed with 5 Static Public IP Addresses as the ISP1; and, one fiber optic line for burstable fiber Internet connection, minimum of 100Mbps asymmetrical upload and download speed bundled with Telephone Services with Two (2) landline numbers as the ISP2. To ensure redundancy, each fiber optic line must be connected to distinct Internet Service Providers (ISPs).

Starting from their respective ISPs, the Layer 2 Core Network Switch of ISP1 and the Core Router of ISP2 are routed through the PSHS-SRC Load Balancer / Failover device before descending to the PSHS-SRC Core Router, where subnetting takes place. From there, they cascade down to the PSHS-SRC Switches to facilitate LAN distribution. This set-up ensures uninterrupted and efficient network performance.

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