Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
PHILIPPINE COUNCIL FOR HEALTH RESEARCH AND DEVELOPMENT

Project ID	: PCHRD – PB – 2022 – 07
Project Name	: Procurement of Supply and delivery of Various I.T. Equipment
Project Location	: DOST-PCHRD Office, PCHRD Saliksik Building, Sikap Street, DOST Main Compound, Gen. Santos Ave., Bicutan, Taguig City

SUPPLEMENTAL / BID BULLETIN NO. 1
October 28, 2022

Subject : Modification / Amendment of Some Provisions in the Bidding Documents

In connection with the project stated above advertised at the PhilGEPS and PCHRD Website on October 15, 2022; this Supplemental / Bid Bulletin No. 1 is issued to modify and amend some provisions in the Bidding Documents. Attached are the updated Schedule of Requirements and Technical Specifications.

I.   Modification / Amendment of Some Provisions in the Bidding Documents

ORIGINAL PROVISION	AMENDMENT / CHANGE / CLARIFICATION
From: *Section I: Invitation to Bid* *Paragraph no. 2* The DOST-PCHRD now invites bids for the above Procurement Project. **Delivery of the Goods is required by not later than Sixty (60) calendar days upon receipt of the Notice to Proceed.** Bidders should have completed, within three (3) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).	*To:* *Section I: Invitation to Bid* *Paragraph no. 2* The DOST-PCHRD now invites bids for the above Procurement Project. *Delivery of the Goods is required by not later than One Hundred Twenty (120) calendar days upon receipt of the Notice to Proceed.* Bidders should have completed, within three (3) years from the date of submission and receipt of bids, a contract similar to the Project. The description of an eligible bidder is contained in the Bidding Documents, particularly, in Section II (Instructions to Bidders).

Saliksik Building, Science Community Complex,
Gen. Santos Ave., Bicutan, Taguig City 1631
www.pchrd.dost.gov.ph

Tel. Nos.: (02) 8-837-7534 to 37; (02) 8-837-0031; (02) 8-837-0087;
(02) 8-837-2924; (02) 8-837-2931
Fax. No.: (02) 8-837-2942

From:

Section VI: Schedule of Requirements

Lot no.	Description	Qty	Delivered, Weeks/Months
1	Rack Server	2 units	**Within sixty (60) calendar days from receipt of Notice to Proceed**
2	Network Attached Storage Enterprise	1 unit	**Within sixty (60) calendar days from receipt of Notice to Proceed**
3	Flatbed Document Scanner with Duplex ADF	2 units	**Within sixty (60) calendar days from receipt of Notice to Proceed**

To:

Section VI: Schedule of Requirements

Lot no.	Description	Qty	Delivered, Weeks/Months
1	Rack Server	2 units	***Within One Hundred Twenty (120) calendar days from receipt of Notice to Proceed***
2	Network Attached Storage Enterprise	1 unit	***Within One Hundred Twenty (120) calendar days from receipt of Notice to Proceed***
3	Flatbed Document Scanner with Duplex ADF	2 units	***Within One Hundred Twenty (120) calendar days from receipt of Notice to Proceed***

From:

Section VII. Technical Specifications

Lot no. 1 - Two (2) units Rack Server

- . . . .
- . . . .
- **Additional Processor Selected**
- . . . .
- . . . .

To:

Section VII. Technical Specifications

Lot no. 1 - Two (2) units Rack Server

- . . . .
- . . . .
- ***(Deleted - Additional Processor Selected)***
- . . . .
- . . . .

From:	To:
Section VII. Technical Specifications	*Section VII. Technical Specifications*
Lot no. 2 - One (1) unit Network Attached Storage Enterprise	**Lot no. 2 - One (1) unit Network Attached Storage Enterprise**
• . . . . • . . . . • . . . . • . . . . • **24 pcs Hard disk included** • . . . . •	• . . . . • . . . . • . . . . • . . . . • *(Deleted - 24 pcs Hard disk included)* • . . . . • . . . .

This Supplemental / Bid Bulletin shall form an integral part of the said Bidding Documents.

For guidance and information of all concerned.

(sgd.)
PAUL ERNEST N. DE LEON
Chairperson, Bids and Awards Committee

Section VI. Schedule of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

LOT No.	Description	Quantity	Unit	Delivered, Weeks/Months
1	Rack Server	2	units	Within One Hundred Twenty (120) calendar days from receipt of Notice to Proceed
2	Network Attached Storage Enterprise	1	unit	Within One Hundred Twenty (120) calendar days from receipt of Notice to Proceed
3	Flatbed Document Scanner with Duplex ADF	2	units	Within One Hundred Twenty (120) calendar days from receipt of Notice to Proceed

We hereby comply with the above-stated Schedule of Requirements.

Submitted by   : _____
                                       (Name of Firm)

Signing Authority   : _____
                                       (Printed Name and Signature)

Designation   : _____

Date   : _____

Technical Specifications

Lot No.	Specification	Statement of Compliance
1	➢ **Two (2) units Rack Server** • AMD EPYC 7252 3.10GHz, 8C/16T, 64M Cache (120W) DDR4-3200 • SAS/SATA Backplane • iDRAC, Legacy Password • iDRAC Group Manager, Enable • Chassis with up to 8 x 2.5" Hot Plug Hard Drives (2CPU & XGMI) • Riser Config 2, 1 x 16 LP PCIe slot (CPU1), 2 x 16 LP PCIe slot (CPU2) • PowerEdge R6525 Shipping - APCC/Taiwan, for 1400W Power Supply • Open Manage DVD Kit, Poweredge R6525 • PowerEdge R6525 x8 Drive Shipping Material • No Bezel • EMC Luggage Tag (x 8 or x 10 chassis) • Quick Sync 2 (At-the-box mgmt) • Performance Optimized • 3200MT/s RDIMMs • 2 x 16GB RDIMM or 32GB RDIMM • iDRAC9, Enterprise 15G • 2 x 960GB SSD SATA Read Intensive 6Gbps 512 2.5in Hot-plug AG Drive, 1 DWPD • BOSS Blank • PERC H345 Controller, Front • PowerEdge R6525 Motherboard, with 2 x 1Gb Onboard LOM (BCM5720) MLK V2 • Performance BIOS Settings • 2 x Heatsink for CPU less than 180W • Air Shroud for Heatsink support CPU less than 180W • Dual, Hot-plug, PSU (1+1), 800, Mixed Mode • 2 x Jumper Cord - C13/C14, 4M, 250V, 10A (ANZ, Fiji, Papua New Guinea) • Trusted Platform Module 2.0 V3 • PowerEdge R6525, No CE marking, APCC/Taiwan, cannot ship to CE countries • NVIDIA® Tesla T4 16GB Passive, Single Slot, Low Profile GPU • Broadcom 5720 Quad Port 1GbE BASE-T Adapter, OCP NIC 3.0 • Optical Mouse • Wired Keyboard English • No Media Required • No Operating System	

	• No Installation Services Selected • Front PERC Mechanical Parts, front load • High Performance Fan for CPU greater than or equal to 180W (2 CPU) • Ex-factory Delivery • Cable Management Arm • ReadyRails Sliding Rails Without Cable Management Arm or Strain Relief Bar • RAID 1 • UEFI BIOS Boot Mode with GPT Partition • Basic Next Business Day 36 Months-ACDTS • ProSupport and Next Business Day Onsite Service-ACDTS Initial, 36 Month(s) • EX-HUB from APCC Penang (DDD) • **Green Specs** - Must have certifications on any of the following: 80 Plus; CEL (China); ECO Declarations; ENERGY STAR; EPEAT; Recycling; TCO	

2	➢ **One (1) unit Network Attached Storage Enterprise**
	  • **Hardware:**
	    o CPU - Intel® Xeon® D-1567 12-core 2.1GHz, Turbo Boost up to 2.7GHz
	    o Hardware encryption engine - Yes (AES-NI)
	    o Memory - 16 GB DDR4 ECC RDIMM (expandable up to 128 GB)
	    o Compatible drive type - 24 x 2.5" SAS SSD/HDD or SATA SSD
	    o Hot swappable drive - Yes
	    o External port: 2 x USB 3.0, 1 x Expansion
	    o LAN port:
	      - 4 x 1GbE RJ-45
	      - 2 x 10GbE RJ-45
	    o Wake on LAN/WAN - Yes
	    o PCIe 3.0 slot:
	    o 1 x 8-lane x8 slot
	    o High-performance network interface card support
	    o Scheduled power on/off – Yes
	    o System fan - 4 (80 x 80 x 32 mm)
	    o AC input power voltage - 100 V to 240 V AC
	    o Power frequency - 50/60Hz, single phase
	    o Operating temperature - 0°C to 35°C (32°F to 95°F)
	    o Storage temperature - -20°C to 60°C (-5°F to 140°F)
	    o Relative humidity - 5% to 95% RH
	    o Maximum operating altitude - 5,000 m (16,400 ft)
	    o General Operating System Specification
	    o Networking protocol - SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP)
	  • **General Operating System Specification:**	

	- o Networking protocol - SMB, AFP, NFS, FTP, WebDAV, CalDAV, iSCSI, Telnet, SSH, SNMP, VPN (PPTP, OpenVPN™, L2TP) - o File system: - Internal: Btrfs, ext4 - External: Btrfs, ext4, ext3, FAT32, NTFS, HFS+, exFAT - o Supported RAID type - Basic, JBOD, RAID 0, RAID 1, RAID 5, RAID 6, RAID 10, Synology RAID F1 - o Storage management: - Maximum single volume size: 108TB/200TB (at least 32 GB RAM required, for RAID 5 or RAID 6 groups only) - Maximum system snapshots4: 65,536 - Maximum internal volume: 256 - o SSD cache - Read/write cache support - o File sharing capability: - Maximum local user account: 16,000 - Maximum local group: 512 - Maximum shared folder: 512 - Maximum concurrent SMB/NFS/AFP/FTP connection: 4,000 - o Privilege - Windows Access Control List (ACL), application privilege - o Directory service - Windows® AD integration: Domain users login via SMB/NFS/AFP/FTP/File Station, LDAP integration - o Virtualization - VMware vSphere® 6.5, Microsoft Hyper-V®, Citrix®, OpenStack® - o Security - Firewall, shared folder encryption, SMB encryption, FTP over SSL/TLS, SFTP, rsync over SSH, login auto block, Let's Encrypt - o support, HTTPS (customizable cipher suite) - o Supported client - Windows® 7 onwards, macOS® 10.12 onwards - o Supported browser - Chrome®, Firefox®, Edge®, Internet Explorer® 10 onwards, Safari® 10 onwards, Safari (iOS 10 onwards), Chrome (Android™ 6.0onwards) on tablets - o Interface Language - English **• Green Specs:** Must have certifications on any of the following: 80 Plus; CEL (China); ECO Declarations; ENERGY STAR; EPEAT; Recycling; TCO	
3	**➤ Two (2) units Flatbed Document Scanner with Duplex ADF** • Scanning - Scanner Type: A4 flatbed colour image scanner - Sensor Type: 4-line colour CCD - Light Source: White LED - Optical Resolution: 1,200 dpi x 1,200 dpi	

	- Output Resolution: 50 dpi - 4,800 dpi (1 dpi increments), 7,200 dpi and 9,600 dpi - Scanner Bit Depth (Colour): 48-bit input, 24-bit output - Scanner Bit Depth (Grayscale): 16-bit input, 8-bit output - Scanner Bit Depth (Black & White): 16-bit input, 1-bit output - Max Document Size: 216 x 297 mm - Output File Formats: JPEG, TIFF, Multi-TIFF, PDF, BMP - Document Capture Pro (Win): JPEG, BMP, PDF, Searchable PDF, TIFF, Multi-TIFF, PNG, DOCX, XLSX, PPTX **• Scan Speed** - Flatbed (Black / Colour): 300 dpi: 8.0 sec / 8.0 sec; 600 dpi: 22 sec / 22 sec - ADF Monochrome (Simplex / Duplex): 200 dpi: 40ppm / 80ipm; 300 dpi: 40ppm / 80ipm; 600 dpi: 8.0ppm / 16ipm - ADF Colour (Simplex / Duplex): 200 dpi: 40ppm / 80ipm; 300 dpi: 40ppm / 80ipm; 600 dpi: 8.0ppm / 13ipm **• ADF** - Scanner Type: A4 sheet-fed , one-pass duplex scanner - Optical Sensor: 4-line colour CCD - Light Source: White LED - Optical Resolution: 600 dpi x 600 dpi - Output Resolution: 50 – 600 dpi (in 1 dpi increments) - Min Document Size: 100mm x 148mm - Max Document Size: 215.9mm x 1,016mm - Support Paper Thickness: 50 gsm – 128 gsm - ADF Capacity: 100 sheets - Automatic Duplex Scanning: Yes - Daily Duty Cycle: up to 4,000 pages / day - Multi-feed Detection: Ultrasonic sensor **•** Must have certifications on any of the following: 80 Plus; CEL (China); ECO Declarations; ENERGY STAR; EPEAT; Recycling; TCO	

We hereby comply with the above-stated Technical Specifications.

Submitted by   : _____
                                (Name of Firm)

Signing Authority : _____
                              (Printed Name and Signature)

Designation   : _____

Date   : _____