



TECHNICAL SPECIFICATIONS

Project Title: Procurement of ICT Equipment for the Augmenting and Strengthening the eLibrary Services in the Region R&D Consortia Base Agencies

End User: PCAARRD

Project Cost: Php 1,417,000.00

Fund Source: GIA-ASeLS

	Description	Qty.	Unit Cost	Total Cost
1.	Server <ul style="list-style-type: none">● Chassis Model: Rack Chassis, 8 x 2.5" Backplane● CPU: Xeon E3-1230 v6 3.5GHz Quad-Core CPU SR328 or higher● Memory: 2 x 16GB PC4-2666V-E DDR4 2Rx8 2666MHz ECC or higher● 1 x PERC H730 PCIe RAID Controller with 1GB Cache● Hard Drives: 4 x 1.92TB SSD SATA 2.5" 6Gbps Mixed Use or higher● Onboard Network Daughter Card: 1 x Integrated Broadcom 5720 Dual Port 1Gb/s Network Ports● Power Supplies: 2 x 350W Power Supply● Rail Kit: 1 x A7 Sliding Rack Kit● Warranty 1x3 Years - ETB Return to Base Warranty	1	250,000.00	250,000.00



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ISO 9001:2015

Certificate No. 20200772 CM15

2.	Laptop with Windows OS and MS Office 2021 USB Wireless Mouse Laptop Bag Core i5- 11400H/16GB Ram/512GB SSD/RTX3050 4GB GDDR	1	87,000.00	87,000.00
3.	Desktop with Windows OS and MS Office Core i5-12400F (2.50Ghz up to 4.90Ghz, 16Mb Cache) Motherboard w/built-in A/V/L 16GB (2x8GB) DDR4 3200 240GB SATA SSD 1 Terabyte Hard Disk Drive Integrated High Definition Audio Video Card 8GB DDR6 650Watts Powersupply w/ CPU Casing USB Mouse and Keyboard 22 inch VGA/HDMI LED Monitor 650 VA UPS	8	85,000.00	680,000.00
4.	Portable K36 Book scanner with laser positioning Image sensor: 16 megapixel CMOS sensor x 2 (Dual Lens) Maximum Resolution: Optical 4608 x 3456px (16MP) Software Interpolation: 4912 x 3680px (18MP) Color Bid depth: 24 bits Scan speed: 1 second/page Max. scan size: A3, 420 x 297mm (16.5x11.7 inch) Laser Assist: built-in laser projection Top Led light: Built-in high brightness LED Focus: Fixed Focus DPI (default): Approx. 275 DPI (A#), 353DPI (A4) Output format: JPG, TIFF, BMP Documents: (Text): Excel, word, text, Epub (Video) AVI, MPEG, FLV, WMV Interface: USB 2.0 Type B x 1 (for PC connection) USB 2.0 Type A x 1 (for USB expansion) Power supply: USB-powered	8	35,000.00	280,000.00



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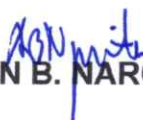
Certificate No. 025/0170-CM15


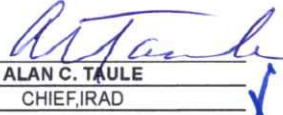

	Microphone: Built-in Bundled software: OfficeCamssoftware, TWAIN driver Unit size: Folded size: 110 (L) x 150 *W) x 402 (H) mmworking Size: 307 (L) X 150 (w) x 402 (H) mm Weight: About 1.2 kg Accessories: USB Cable x 1, Software CD x 1Scan Pad x 1, Quick Start, Guide x 1Hand button x1, Foot pedal x 1 System Requirement: XP/Win7/Win8/Win10, 32-bit/64-bit Warranty: One (1) year on parts and labor			
5.	Adobe Acrobat Professional	8	15,000.00	120,000.00
		Total		1,417,000.00




TECHNICAL WORKING GROUP (TWG) FOR ICT


LLOYD FREDERICK R. MANDAPAT
 Member


MA. HERSHEY C. ROMERO
 Member


ALFON B. NARQUITA
 TWG Chairperson

	Republic of the Philippines SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE STII Building, DOST Complex, Bicutan, Taguig City				
	PURCHASE REQUEST				
Entity Name: <u>DOST-STII</u>		Fund Cluster: <u>DOST GIA-ASeLS</u>			
Office/Section: IRAD		PR No.: <u>177-10-0408</u> Responsibility Center Code: _____		Date: <u>14-Sep-22</u>	
Stock/Property	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	Server Chassis Model: Rack Chassis, 8 x 2.5" Backplane CPU: Xeon E3-1230 v6 3.5GHz Quad-Core CPU SR328 or higher Memory: 2 x 16GB PC4-2666V-E DDR4 2Rx8 2666MHz ECC or high 1 x PERC H730 PCIe RAID Controller with 1GB Cache Hard Drives: 4 x 1.92TB SSD SATA 2.5" 6Gbps Mixed Use or higher Onboard Network Daughter Card: 1 x Integrated Broadcom 5720 Dual Port 1Gb/s Network Ports Power Supplies: 2 x 350W Power Supply Rail Kit: 1 x A7 Sliding Rack Kit Warranty 1x3 Years - ETB Return to Base Warranty	1	250,000.00	250,000.00
	unit	Laptop with Windows OS and MS Office 2021 Core i5- 11400H/16GB Ram/512GB SSD/RTX3050 4GB GDDR USB Wireless Mouse Laptop Bag	1	87,000.00	87,000.00
	unit	Desktop with Windows OS and MS Office Core i5-12400F (2.50Ghz up to 4.90Ghz, 16Mb Cache) Motherboard w/built-in A/V/L 16GB (2x8GB) DDR4 3200 240GB SATA SSD 1 Terabyte Hard Disk Drive Integrated High Definition Audio Video Card 8GB DDR6 650Watts Powersupply w/ CPU Casing USB Mouse and Keyboard 22 inch VGA/HDMI LED Monitor 650 VA UPS	8	85,000.00	680,000.00
Purpose: <u>For the acquisition of ICT Equipment for the Augmenting and Strengthening the eLibrary Services in the Region R&D Consortia Base Agencies (ASeLS) Project</u>					
Requested by:			Approved by:		
Signature:  Printed Name: <u>ALAN C. TAULE</u> Designation: <u>CHIEF, IRAD</u>			 Printed Name: <u>RICHARD P. BURGOS</u> Designation: <u>Director</u>		

		Republic of the Philippines SCIENCE AND TECHNOLOGY INFORMATION INSTITUTE STII Building, DOST Complex, Bicutan, Taguig City			
		PURCHASE REQUEST			
Entity Name: DOST-STII		Fund Cluster:		DOST GIA-ASeLS	
Office/Section: IRAD		PR No.: 2022-10-0418 Responsibility Center Code:		Date: 14-Sep-22	
Stock/Property	Unit	Item Description	Quantity	Unit Cost	Total Cost
	unit	Portable K36 Book scanner with laser positioning Image sensor: 16 megapixel CMOS sensor x 2 (Dual Lens) Maximum Resolution: Optical 4608 x 3456px (16MP) Memory: 2 x 16GB PC4-2666V-E DDR4 2Rx8 2666MHz ECC or high Software Interpolation: 4912 x 3680px (18MP) Hard Drives: 4 x 1.92TB SSD SATA 2.5" 6Gbps Mixed Use or higher Color Bid depth: 24 bits Scan speed: 1 second/page Rail Kit: 1 x A7 Sliding Rack Kit Max. scan size: A3, 420 x 297mm (16.5x11.7 inch) Laser Assist: built-in laser projection Top Led light: Built-in high brightness LED Focus: Fixed Focus DPI (default): Approx. 275 DPI (A#), 353DPI (A4) Output format: JPG, TIFF, BMP Documents: (Text): Excel, word, text, Epub (Video) AVI, MPEG, FLV, WMV Interface: USB 2.0 Type B x 1 (for PC connection) USB 2.0 Type A x 1 (for USB expansion) Power supply: USB-powered Microphone: Built-in Bundled software: OfficeCamssoftware, TWAIN driver Unit size: Folded size: 110 (L) x 150 (W) x 402 (H) mm working Size: 307 (L) X 150 (w) x 402 (H) mm Weight: About 1.2 kg Accessories: USB Cable x 1, Software CD x 1 Scan Pad x 1, Quick Start, Guide x 1 Hand button x1, Foot pedal x 1 System Requirement: XP/Win7/Win8/Win10, 32-bit/64-bit Warranty: One (1) year on parts and labor	8	35,000.00	280,000.00
	license	Adobe Acrobat Professional	8	15,000.00	120,000.00
GRAND TOTAL					₱1,417,000.00
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Requested by: Signature:  Printed Name: ALAN C. TAULE Designation: CHIEF, IRAD			Approved by:  Signature: Printed Name: RICHARD P. BURGOS Designation: Director		