

Republic of the Philippines CEBU NORMAL UNIVERSITY Osmeña Blvd. Cebu City, 6000 Philippines

Office of the Bids and Awards Committee

Telephone No.: (+63 32) 254 1452 local 141 or 125 Email: <u>cnubacsec@gmail.com</u>

## INVITATION TO BID FOR Completion of Library Modernization Project (State of the Art Library Facilities)

## No. 22-08-616

- 1. The Cebu Normal University, through the General Appropriations Act of 2021 (continuing) intends to apply the sum of Seven Million Five Hundred Eighty-four Thousand Three Hundred Ninety-six Pesos and Eighty Centavos (Php 7,584,396.80) being the ABC to payments under the contract for Procurement of Completion of Library Modernization Project (State of the Art Library Facilities) with Bid No. 22-08-616: Lot 1 Vertical Tripod Turnstile (RFID) with Railings & Installation (for 3<sup>rd</sup> Floor Library Entrance P 500,000.00; Lot 2 PABX System with Installation and Augmentation of Structured Cabling P 500,000.00; Lot 3 IT Equipment with Installation P 4,387,896.80 and Lot 4 Furniture and Fixtures of the Library with Installation P 2,256,500.00. Bids received in excess of the ABC shall be automatically rejected at bid opening.
- 2. The *Cebu Normal University* now invites bids for the Supply, Delivery and Installation of *Completion of Library Modernization Project (State of the Art Library Facilities):*

Item No.	Quantity	Unit	Item Description	Unit Cost	Total Cost
		Comp	oletion of Library Modernization Project		
			(State of the Art Library Facilities)		
			(Supply, Delivery and Installation)		
			LOT 1 : Supply and Delivery of		
			Additional Vertical		
			Tripod TURNSTILE (RFID) with		
			Railings& Installation		
			(for 3rd Floor Library Entrance)		
1	1	Lot	Vertical Tripod TURNSTILE (RFID)		500,000.00
1	1	Lot	with Railings	500,000.00	200,000100
			The body is made of brushed stainless		
			steel which is robust, rigid		
			anti-rust and durable. Tripod turnstile is		
			durable for both indoor		
			and outdoor settings. It can be integrated		
			with any kind		
			of access controller system		

			(a g DEID device Duch button		
			(e.g. RFID device, Push button, Fingerprint and Biometric device).		
			In case of emergency, the turnstile		
			horizontal arms will drop down		
			to allow free passage when power off.		
			IP-based Door Access Control Panel with		
			time and		
			attendance software 26-bit Wiegand,		
			Proximity Card reader		
			• Must be compatible with the existing RFID Turnstiles of the		
			Library; with free software license; with Railings		
			LOT 1 SUB-TOTAL		500,000.00
			LOT 2 : Supply and Delivery of PABX System with Installation and Augmentation of Structured Cabling		
1	1	unit	PABX System	35,000.00	35,000.00
			6 CO Trunkline		55,000.00
			16 SLT Phone		
2	1	unit	Proprietary Phone compatible for PABX System	9,000.00	9,000.00
			• 4.4 inch LCD display with backlighting		
			• 36 freely programmable function keys		
			• High Quality wideband voice transmission		
			Plantronics EHS-compatible		
3	16	units	Single Line Telephone	1,000.00	1 < 000 00
			Basic ITS; Wall Mountable; Volume Control; One Touch Redial		16,000.00
4	1	lot	Augmentation of the Structured Cabling (101 nodes)	252,586.00	252,586.00
-			• 1 Port Ethernet Wall Plate (15 pcs)		
			• 2 Port Ethernet Wall Plate (86 pcs)		
			• PVC Surface Mount Type Utility Box		
		_	Electrical Box for Switches &		
			Outlet with Tox/Screw (101 pcs)		
			• Information Outlet I/O Port Tool Less		
			(101 pcs)		
			• Cat 6 Ethernet Cable 300M per box (20		
			box)		
			• 3/4 Electrical conduit (200 length)     • Metal Pull Box <i>A</i> in x <i>S</i> in x <i>S</i> in (10 pcs)		
			• Metal Pull Box 4in x 8in x 8in (10 pcs)		
			• PVC Clamps (1000 pcs)     • PVC Moulding 1" (150 longth)		
			PVC Moulding 1" (150 length)		
			<ul> <li>• 48 Port Cat 6 Patch Panel (3 pcs)</li> <li>• IDF Box 6U (1 pc)</li> </ul>		
			• IDF Box 60 (1 pc) • Labor Cost (1 Lot)		
				1	

Specifications and Layout of the           Augmentation of the Structured Cabling           Augmentation of the Structured Cabling           Image: Configuration (Lot 2)         127,414.00           Labor Cost, Materials, Installation and Configuration (Lot 2)         127,414.00           LOT 3 : Supply and Delivery of IT Equipment with Installation         440,000.00           Image: Configuration (Lot 2)         680,000.00         680,000.00           Image: Configuration (Lot 2)         Material Structure (Lot 2)         680,000.00           Image: Configuration (Lot 2)         Material Structure (Lot 2)         680,000.00           Image: Configuration (Lot 2)         Material Structure (Lot 2)         Material Structure (Lot 2)         Material Structure (Lot 2)           Image: Configuration (Lot 2)         Image: Configuration (Lot 2)         Configuration (Lot 2)         Configurat				Please see separate sheet for the		
Augmentation of the Structured Cabling     Image: Cable Cable       5     Labor Cost, Materials, Installation and Configuration (Lot 2)     127,414.00       1     LOT 2 SUB-TOTAL     440,000.00       1     LOT 3 : Supply and Delivery of IT Equipment with Installation     127,414.00       1     Iot     Data Center :     650,000.00       5     Server     50,000.00     650,000.00       1     Data Center Server inclusion:     1       1     Iot     Data Center Server inclusion:     1       1     UCS SUPP PS8 XSX4 UCS C220 M4     SFF w/o CPU, mem, HD       1     VUCS C20 V4/SFF W/o CPU, mem, HD     1       1     VUCS C20 V4/SFF W/o CPU, MEM, HD     1       1     Ot GHZ ES-2620 v4/85W 8C/20MB     Cache DDR4 2133MHZ       1     Ot GHZ ESAS 10K RPM SFF HDD     1       1     Ot GHZ SAS 10K RPM SFF HDD     1       1     Intel 350 quad-port MLOM NIC     1       1     Ot CS 770W AC Power Supply for Rack Servers     1       1     Plug, North America     1						
5       Labor Cost, Materials, Installation and Configuration (Lot 2)       127,414.00         6       LOT 2 SUB-TOTAL       40,000.00         7       1       Iot       LOT 3 : Supply and Delivery of IT Equipment with Installation       50,000.00         7       1       Iot       Data Centers :       650,000.00       650,000.00         8       Server       50,000.00       650,000.00       650,000.00         9       Data Center Server inclusion:       650,000.00       650,000.00         9       UCS SUPP PSS 8X5X4 UCS C220 M4       SFF W/o CPU, mem, HD       616618 DDR4-2400.MHz         9       -16618 DDR4-2400.MHz RDIMM/PC4-19200/Single rank/x4/1.2v       6000GB 12G SAS 10K RPM SFF HDD       6000E 12G SAS 10K RPM SFF HDD         9       Intel i350 quad-port MLOM NIC       900CS 12G SAS 10K RPM SFF HDD       600CB 12G SAS 10K RPM SFF HDD         9       Intel i350 quad-port MLOM NIC       90CS 70W AC Power Supply for Rack Servers       90CC 220 SA 10K RPM SFF HDD         9       Intel i350 quad-port MLOM NIC       90CS 225 Sich HDD Blab						
5         Configuration (Lot 2)         127,414,00         127,414,00           LOT 2 SUB-TOTAL         LOT 3 : Supply and Delivery of IT Equipment with Installation         40,000,00           1         Iot Data Center :         650,000,00         650,000,00           2         Data Center Server inclusion:         500,000,00         650,000,00           3         Server         500,000,00         650,000,00         650,000,00           4         Data Center Server inclusion:         500,000,00         650,000,00         650,000,00           5         Data Center Server inclusion:         500,000,00         650,000,00         650,000,00           5         Data Center Server inclusion:         500,000,00         650,000,00         650,000,00           6         UCS SUPP PSS 8X5X4 UCS C220 M4         SEF w/o CPU, mem, HD         500,000,00         550,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00         500,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00         500,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00         500,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00						
5         Configuration (Lot 2)         127,414,00         127,414,00           LOT 2 SUB-TOTAL         LOT 3 : Supply and Delivery of IT Equipment with Installation         40,000,00           1         Iot Data Center :         650,000,00         650,000,00           2         Data Center Server inclusion:         500,000,00         650,000,00           3         Server         500,000,00         650,000,00         650,000,00           4         Data Center Server inclusion:         500,000,00         650,000,00         650,000,00           5         Data Center Server inclusion:         500,000,00         650,000,00         650,000,00           5         Data Center Server inclusion:         500,000,00         650,000,00         650,000,00           6         UCS SUPP PSS 8X5X4 UCS C220 M4         SEF w/o CPU, mem, HD         500,000,00         550,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00         500,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00         500,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00         500,000,00           6         0.005 12G SAS 10K RPM SFF HDD         500,000,00         500,000,00				Labor Cost, Materials, Installation and		
LOT 2 SUB-TOTAL $40,000,00$ IIIIIIotData Center : $69,000,00$ IIIotData Center : $69,000,00$ IIotData Center Server inclusion:IIIotData Center Server inclusion:IIIotData Center Server inclusion:IIUCS SC20 M4 SFF W/o CPU, mem, HDIIOtIIOtIVCS SUPP PSS 8X5X4 UCS C220 M4SFF w/o CPU, mem, HDIIOt GHz E5-2620 v4/85W 8C/20MBCache/DDR4 2133MHzIIOGB DDR4-2400-MHz RDIMM/PC4-I9200/single rank/x4/1.2vIotel 1350 quad-port MLOM MICIIntel 1350 quad-port MLOM MICIIntel 1350 quad-port MLOM MICIIntel 1350 quad-port MLOM NICIIntel 1350 quad-port MLOM NICIIotel 1350 quad-port MLOM NICIIntel 1350 quad-port MLOM NIC <t< th=""><th>5</th><th></th><th></th><th></th><th>127,414.00</th><th>127,414.00</th></t<>	5				127,414.00	127,414.00
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Image: Constraint of the image is a second of th						
Image: Constraint of the image is a second of th				LOT 3 . Supply and Delivery of IT		
I         lot         Data Center :         650,000,00           Server         Server         650,000,00           UCS SC220 M4 SFF w/o CPU, mem, HD, PCIe, PSU, rail kit         -           • UCS SUPP PSS 8X5X4 UCS C220 M4 SFF w/o CPU, mem, HD         -           • 2.10 GHz FS-2620 v4/8SW 8C/20MB Cache/DDR4 2133MHz         -           • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v         -           • 600GB 12G SAS 10K RPM SFF HDD         -           • 16GI 350 quad-port MLOM NIC         -           • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v         -           • 16GI 350 quad-port MLOM NIC         -           • 16MC SW (Recommended) latest release for C-Series Servers.         -           • 1MC SW (Recommended) latest release for C-Series Servers.         -           • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         -           • CPU asset tab ID label (Auto-Expand)         -           • CPU asset tab ID label (Auto-Expand)         -           • CPU asset tab ID label (Auto-Expand)         -           • 12G SAS Modular Raid Controller         -           • 12G SAS Modular Ra						
Server       Data Center Server inclusion:         • UCS C220 M4 SFF w/o CPU, mem, HD, PCle, PSU, rail kit         • UCS SUPP PSS 8X5X4 UCS C220 M4 SFF w/o CPU, mem, HD         • 2.10 GHz E5-2620 v4/8SW 8C/20MB         Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x41.2v         • 600GB 12G SAS 10K RPM SFF HDD         • Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack Server         • IMC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • CPU asset tab ID bale (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G SAS SCB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • 11x USB Type A Host port         • 11x USB Type A Host port         • 11x USB Type A Host port         • 11x Bluctooth dongle to be used	1	1	lot		650,000,00	650,000,00
Data Center Server inclusion:         • UCS C220 M4 SFF w/o CPU, mem, HD, PCIe, PSU, rail kit         • UCS SUPP PSS 8X5X4 UCS C220 M4 SFF w/o CPU, mem, HD         • 2.10 GHz E5-2620 v4/85W 8C/20MB Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v         • 600GB 12G SAS 10K RPM SFF HDD         • Intel i350 quad-poor MLOM NIC         • WCS 770W AC Power Supply for Rack Servers         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • CPU asset tab ID label (Auto-Expand)         • L2G SAS Modular Raid Controller         • Supercap cable 950mm         • UCS 2.3 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G S	1	1	101			,
• UCS C220 M4 SFF w/o CPU, mem, HD, PCle, PSU, rail kit         • UCS SUPP PSS 8X5X4 UCS C220 M4 SFF w/o CPU, mem, HD         • 2.10 GHz E5-2620 v4/85W 8C/20MB Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v         • 000GB 12G SAS 10K RPM SFF HDD         • 1Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack Server         • IMC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x OBM port         • 1x OBM port						
HD, PCIe, PSU, rail kit       •         • UCS SUPP PSS 8X5X4 UCS C220 M4       SFF w/o CPU, men, HD         • 2.10 GHz E5-2620 v4/85W 8C/20MB       Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4-       19200/single rank/x4/1.2v         • 0600GB 12G SAS 10K RPM SFF HDD       •         • 1ntel i350 quad-port MLOM NIC       •         • 010C S 770W AC Power Supply for Rack       Server         • 1Intel i350 quad-port MLOM NIC       •         • UCS 770W AC Power Supply for Rack       Server         • 1Intel i350 quad-port MLOM NIC       •         • UCS 770W AC Power Supply for Rack       Servere         • 1IMC SW (Recommended) latest release for C-Series Servers.       •         • Power Cord, 125VAC 13A NEMA 5-       15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers       •         • CPU asset tab ID label (Auto-Expand)       •         • Heat sink for UCS C220 M4 rack servers       •         • UCS 2.5 inch HDD blanking panel       •         • UCS 2.5 inch HDD blanking panel       •         • 12G SAS Modular Raid Controller       •         • 12Gbps SAS 2GB FBWC Cache module (Raid 01/5/6)       •         • 0NE Data Center Compute Opt Out Option       •         • 12Gbps SAS 2GB FBWC Cache module (Raid 01/15/6) <td< th=""><th></th><th></th><th></th><th></th><th></th><th></th></td<>						
• UCS SUPP PSS 8X5X4 UCS C220 M4 SFF w/o CPU, mem, HD         • 2.10 GHz E5-2620 v4/85W 8C/20MB Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v         • 600GB 12G SAS 10K RPM SFF HDD         • Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack Server         • UCS 770W AC Power Supply for Rack Server         • INC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, Sorth America         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G Gas SA 2GB FBWC Cache module (Raid 0/1/5/6)         • 0NE Data Center Compute Opt Out Option         • 0NE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • 12 Console Port         • 14 UG10G/25G1 SFP ports         • 14 UGB-C Con						
SFF w/o CPU, mem, HD          • 2.10 GHz E5-2620 v4/85W 8C/20MB         Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4-         19200/single rank/x4/1.2v         • 600GB 12G SAS 10K RPM SFF HDD         • 1ntel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack         Server         • IMC SW (Recommended) latest release         for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5-         15 Plug, North America         • Friction Rail Kit for C220 M4 and M5         rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack         servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 0 NE Data Center Compute Opt Out         Option         • C220 M4 Security Bezel         • 124 IG/10G SFP+ ports         • 4x IG/10G SFP+ ports         • 1x USB-C Console Port         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x OBM port         • 1						
• 2.10 GHz E5-2620 v4/85W 8C/20MB Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v         • 600GB 12G SAS 10K RPM SFF HDD         • Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack Server         • IMC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • ONE Data Center Compute Opt Out Option         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • 1x USB-Console Port         • 1x USB Type A Host port						
Cache/DDR4 2133MHz         • 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v         • 600GB 12G SAS 10K RPM SFF HDD         • Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack Server         • UCS 770W AC Power Supply for Rack Server         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • CPU asset tab ID label (Auto-Expand)         • CPU asset tab ID label (Auto-Expand)         • Supercap cable 950mm         • Supercap cable 950mm         • 12G SAS Modular Raid Controller         • 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • 1X USB-CC Console Port         • 1X USB-TP ports         • 1x USB Type A Host port         • 1x GMB port						
19200/single rank/x4/1.2v       19200/single rank/x4/1.2v         600GB 12G SAS 10K RPM SFF HDD         Intel i350 quad-port MLOM NIC         UCS 770W AC Power Supply for Rack Server         INC SW (Recommended) latest release for C-Series Servers.         Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         Friction Rail Kit for C220 M4 and M5 rack servers         Image: CPU asset tab ID label (Auto-Expand)         Image: CPU asset tab ID label (Auto-Expand)         Image: CPU asset tab ID blanking panel         Image: CPU asset tab ID tabe         Image: CPU asset tab ID tabe         Image: CPU asset tab ID tabe         Image:						
• 600GB 12G SAS 10K RPM SFF HDD         • Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack         Server         • IMC SW (Recommended) latest release         for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5-         15 Plug, North America         • Friction Rail Kit for C220 M4 and M5         rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack         servers         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 0 ONE Data Center Compute Opt Out         Option         • C220 M4 Security Bezel         • 12 Gres Switch         320.000.00         320.000.00         320.000.00         • 12 Gigs TSP ports         • 12 Gigs SP+ ports         • 12 Gigs SPP ports         • 12 SB Type A Host port         • 1x USB Type A Host port         • 1x OBM port         • 1x Bluetooth dongle to be used with Mobile				• 16GB DDR4-2400-MHz RDIMM/PC4-		
• Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack Server         • IMC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G by SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • LX USB-C Console Port         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x Bluetoth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @ 1.8GHz				19200/single rank/x4/1.2v		
• UCS 770W AC Power Supply for Rack Server         • IMC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C22 1         unit       Core Switch         • 24x 1G/10G SFP+ ports         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • 1x BHz				• 600GB 12G SAS 10K RPM SFF HDD		
Server       • IMC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5-15 Plug, North America       • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)       • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers       • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel       • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller       • 12G SAS Modular Raid Controller         • 0NE Data Center Compute Opt Out Option       • C220 M4 Security Bezel         • C21       unit       Core Switch         320,000.00       320,000.00       320,000.00         • 1x USB-C Console Port       • 1x USB Type A Host port       • 1x USB Type A Most port         • 1x Bluetooth dongle to be used with Mobile App       • Quad Core ARM CortexTM A72 @       • Rack and the security Ar22				Intel i350 quad-port MLOM NIC		
• IMC SW (Recommended) latest release for C-Series Servers.         • Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C22 0 M4 Security Bezel         • C22 1         unit       Core Switch         • 24x 1G/10G SFP+ ports         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App				• UCS 770W AC Power Supply for Rack		
infor C-Series Servers.         information         information <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>						
• Power Cord, 125VAC 13A NEMA 5- 15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • 21 unit         Core Switch         320,000.00         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @ 1.8GHz						
15 Plug, North America          • Friction Rail Kit for C220 M4 and M5 rack servers          • CPU asset tab ID label (Auto-Expand)          • Heat sink for UCS C220 M4 rack servers          • Heat sink for UCS C220 M4 rack servers          • Supercap cable 950mm          • UCS 2.5 inch HDD blanking panel          • 12G SAS Modular Raid Controller          • 12G SAS Modular Raid Controller          • ONE Data Center Compute Opt Out Option          • C220 M4 Security Bezel          • Core Switch       320,000.00         • 24x 1G/10G SFP+ ports          • 1x USB-C Console Port          • 1x USB-C Console Port          • 1x USB Type A Host port          • 1x Bluetooth dongle to be used with Mobile App          • Quad Core ARM CortexTM A72 @          • 18GHz						
• Friction Rail Kit for C220 M4 and M5 rack servers         • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         2         1         unit         Core Switch         • 24x 1G/10G SFP+ ports         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @ 1.8GHz						
indicator       rack servers       indicator         indicator       • CPU asset tab ID label (Auto-Expand)       indicator         indicator       • Heat sink for UCS C220 M4 rack servers       indicator         indicator       • Supercap cable 950mm       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • UCS 2.5 inch HDD blanking panel       indicator         indicator       • 12G bps SAS 2GB FBWC Cache module (Raid 0/1/5/6)       indicator         indicator       • 0NE Data Center Compute Opt Out Opt Out Option       option         indicator       • ONE Data Center Compute Opt Out Opt Out Option       option         indicator       • ONE Security Bezel       indicator       indicator         indicator       • Oree Switch       indicator       indicator						
• CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 00KE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • 2         • unit         Core Switch         320,000.00         • 24x 1G/10G SFP+ ports         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @						
• Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12G SAS Modular Raid Controller         • 12G by SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • 124 1G/10G SFP+ ports         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @ 1.8GHz						
servers						
• Supercap cable 950mm         • UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • 12G SAS Sitch         • C220 M4 Security Bezel         • Signature						
• UCS 2.5 inch HDD blanking panel         • 12G SAS Modular Raid Controller         • 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)         • ONE Data Center Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • ONE Data Conter Compute Opt Out Option         • C220 M4 Security Bezel         • C220 M4 Security Bezel         • Core Switch         320,000.00         • 24x 1G/10G SFP+ ports         • 4x 1G/10G/25G1 SFP ports         • 1x USB-C Console Port         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @         1.8GHz						
• 12G SAS Modular Raid Controller•• 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)•• ONE Data Center Compute Opt Out Option•• C220 M4 Security Bezel•• 24x 1G/10G SFP+ ports•• 1x USB-C Console Port•• 1x USB-C Console Port•• 1x USB Type A Host port•• 1x Bluetooth dongle to be used with Mobile App•• Quad Core ARM CortexTM A72 @ 1.8GHz•						
• 12Gbps SAS 2GB FBWC Cache module (Raid 0/1/5/6)       • ONE Data Center Compute Opt Out Option         • ONE Data Center Compute Opt Out Option       • C220 M4 Security Bezel         • C220 M4 Security Bezel       • C220 M4 Security Bezel         2       1       unit         Core Switch       320,000.00         • 24x 1G/10G SFP+ ports       • C220 M4 Security Bezel         • 1x USB-C Console Ports       • C220 M4 Security Bezel         • 1x USB-C Console Port       • C200 M4 Security Bezel         • 1x USB-C Console Port       • C200 M4 Security Bezel         • 1x USB Type A Host port       • C200 M4 Security Bezel         • 1x USB Type A Host port       • C200 M4 Security Bezel         • 1x Bluetooth dongle to be used with Mobile App       • Quad Core ARM CortexTM A72 @ 1.8GHz						
module (Raid 0/1/5/6)module (Raid 0/1/5/6)• ONE Data Center Compute Opt Out Option• ONE Data Center Compute Opt Out Option• C220 M4 Security Bezel• C220 M4 Security Bezel• C220 M4 Security Bezel• C21unitCore Switch320,000.00• 24x 1G/10G SFP+ ports• C• 4x 1G/10G/25G1 SFP ports• C• 1x USB-C Console Port• C• 1x USB-C Console Port• C• 1x USB Type A Host port• C• 1x USB Type A Host port• C• 1x Bluetooth dongle to be used with Mobile App• Quad Core ARM CortexTM A72 @ 1.8GHz						
• ONE Data Center Compute Opt Out Option• ONE Data Center Compute Opt Out Option• Image: Compute Opt Out Option• • C220 M4 Security Bezel• • • • • • • • • • • • • • • • • • •						
OptionImage: constraint of the second se				• ONE Data Center Compute Ont Out		
• C220 M4 Security Bezel         •           2         1         unit         Core Switch         320,000.00         320,000.00           2         1         16/10G/25G1 SFP ports         -         -         -         -           3         1x USB-C Console Port         -         -         -         -         -           1         1x USB Type A Host port         -         -         -         -         -           1         1x Bluetooth dongle to be used with Mobile App         -         -         -         -           1.8GHz         -         -         -         -         -         -         -						
2       1       unit       Core Switch       320,000.00       320,000.00         • 24x 1G/10G SFP+ ports       • 4x 1G/10G/25G1 SFP ports       •       •         • 4x 1G/10G/25G1 SFP ports       •       •       •         • 1x USB-C Console Port       •       •       •         • 1x USB-C Console Port       •       •       •         • 1x USB Type A Host port       •       •       •         • 1x Bluetooth dongle to be used with Mobile App       •       •       •         • Quad Core ARM CortexTM A72 @       •       •       •						
• 24x 1G/10G SFP+ ports         • 4x 1G/10G/25G1 SFP ports         • 1x USB-C Console Port         • 1x OOBM port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @         1.8GHz						
• 24x 1G/10G SFP+ ports         • 4x 1G/10G/25G1 SFP ports         • 1x USB-C Console Port         • 1x OOBM port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @         1.8GHz	2	1	unit	Core Switch	320,000.00	320,000.00
• 4x 1G/10G/25G1 SFP ports         • 1x USB-C Console Port         • 1x OOBM port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with         Mobile App         • Quad Core ARM CortexTM A72 @         1.8GHz	_	-				
• 1x USB-C Console Port         • 1x OOBM port         • 1x USB Type A Host port         • 1x USB Type A Host port         • 1x Bluetooth dongle to be used with Mobile App         • Quad Core ARM CortexTM A72 @         1.8GHz				*		
• 1x OOBM port       •         • 1x USB Type A Host port       •         • 1x Bluetooth dongle to be used with Mobile App       •         • Quad Core ARM CortexTM A72 @       1.8GHz				1		
				<u> </u>		
Mobile App       • Quad Core ARM CortexTM A72 @       1.8GHz						
• Quad Core ARM CortexTM A72 @     1.8GHz						
1.8GHz				**		
• 2 field-replaceable, hot-swappable				1.8GHz		
				• 2 field-replaceable, hot-swappable		

			power supply slots		
			• Memory and Flash: 8 GB DDR4 32 GB		
			eMMC		
3	3	units		230,000.00	
5	5	units	Layer 2 Access Switch, 48 Ports (48G PoE+ 4SFP)		
			Managed - Rack-Mountable		
			• Layer 2 Switch 48 Ports (48G PoE+		
			4SFP) Managed - Rack-Mountable		
			• Layer 2 wired access connectivity ideal		
			for branch offices, mid-market		
			enterprise, and SMBs.		
			• Has 48x 10/100/1000BASE-T and 4x		
			1G/10G SFP ports.		
			• Power Consumption DescriptionMax		
			Power: 44.2W		
			• Input Voltage100-127 VAC / 200-240 VAC		
			1		
			10/100/1000BASE-T ports 4x 1G/10G SFP ports		
			• Latency1 Gbps: 1.9 µSec , 10 Gbps: 1.8		
			$\mu$ Sec		
			Switching Capacity176 Gbps		
			Throughput 98.6 Mpps		
			Memory and ProcessorDual Core ARM		
			Cortex A9 @ 1016 Mhz 4 GB DDR3,		
			maximum, depending on model 16 GB		
			eMMC		
4	2	units	Layer 2 Access Switch, 48 Ports	40,000.00	
4	2	units	(Gigabit)	40,000.00	80,000.00
			Managed - Rack-Mountable		
			• 4-Port Gigabit PoE+ (192W) Managed		
			Switch + 2x Gigabit Ethernet +		
			2x Gigabit SFP/RJ45 Combo Ports/		
			Total System Ports: 28GE		
			• Copper GE Ports (RJ45): g01–g13,		
			g14–g26		
			• Combo Ports (RJ45 + SFP): 2 combo		
			on ports g27, g28		
			• Status LEDs: System (blue/yellow),		
			Link/Act/PoE		
			• (green/green), Max PoE (amber)		
			• CPU Memory DRAM: 128 MB		
			• Power Dedicated to PoE+: 192W		
			• Number of Ports with PoE+ Support: 24		
			• Green Power Mode: EEE+, Short		
			Reach + Energy Detect		
			• System Power Consumption without PoE+: 110V: 30.73W 220V: 28.88W		
			Forwarding Rate: 41.67 Mpps     Switching Capacity: 56 Gbps		
			- Switching Capacity. 50 Gbps		
5	10	sata	Indoor Access Doint	55 000 00	
2	12	sets	Indoor Access Point	55,000.00	660,000.00

			• AP Type: Indoor, Dual Radio, 5 Ghz		
			802.11ax 4x4 MIMO and 2.4 Ghz		
			802.11 ax 2x2 MIMO		
			Four Spatial Stream Multi User		
			• AP Supports DC Power and Power		
			Over Ethernet		
			Space-Time Block Coding Feature		
			• Low Density Parity Check Feature for		
			high efficiency error connection		
			• Transmit beamforming for increased		
			signal reliability and range		
6	1	set	Wireless Controller	510,000.00	510,000.00
			• Controller capable of the 12 indoor		510,000.00
			access point offered		
			Maximum concurrent users/devices:		
			1024		
			Maximum VLANS: 4096		
			Concurrent GRE Tunnels: 256		
			Concurrent Ipsec sessions: 1024		
			Concurrent SSL Sessions: 1024		
			Interactive Digital Board TV with		
7	1	units	Android 55 inches	120,000.00	120,000.00
			(with movable stand)		
			Tech Specification:		
			Panel		
			Screen Size 55"		
			Panel Technology IPS		
			Back Light Type Direct		
			• Aspect Ratio 16 : 9		
			• Native Resolution 3,840 x 2,160 (UHD)		
			Refresh Rate 60Hz		
			• Brightness w/o Glass : 411 nit (Max.), 311 nit (Typ.)		
			w/ Glass : 380 nit (Max.), 280 nit (Typ.)		
			Contrast Ratio 1,200:1		
		_			
			Color gamut NTSC 68%		
			• Viewing Angle (H x V) 178 x 178		
			Color Depth 10bit, 1.07Billion colors		
			• Response Time 8ms (G to G)		
			• Surface Treatment (Haze) Anti Glare,		
			7H (Mohs)		
			• Life Time (Min.) 30,000 Hrs		
			Operation Hours (Hours / Days) 16 / 7		
			Portrait / Landscape No/Yes		
			Mechanical Specification:		
-			Bezel Color Black		
			• Bezel Width(Off Bezel) 18.9 / 18.9 /		
			18.9 / 45.7 mm		
			• Weight (Head): 27 Kg		
			Packed Weight: 45.7 Kg		
			• Monitor Dimensions ( $W \times H \times D$ )		

			1,271 x 774 x 84 mm		
			• Carton Dimensions ( $W \times H \times D$ ) 1,450		
			x 1,015 x 225 mm (Box outer size)		
			• VESA <sup>™</sup> Standard Mount Interface 400		
			x 200		
			Key Feature (Hardware):		
			Internal Memory 16GB		
			• Wi-Fi: Built-in (Slot type)		
			Local Key Operation: Yes		
		-	Power Indicator: Yes		
			Key Feature (Software):		
			• webOS ver. Android 8.0		
			Screen Share Yes (Screenshare pro)		
			Connectivity:		
			• Input HDMI (3), HDCP2.2/1.4, RGB,		
			Audio In, RS232C In, RJ45(LAN),		
			USB3.0 Type A (3), USB2.0 Type A (3)		
			• Output HDMI Out (1), Audio Out /		
			Optical Output, Touch USB (2)		
			Sound: Speaker		
			Accessory:		
			• Power Cord 3m x 1, USB Cable (Type		
			A-Type B) 5m x 1,		
			HDMI Cable 3m x 1, Writing Pen		
			(2pcs), User Manual, QSG, Carton Box,		
			Remote Controller (include battery 2ea),		
			Wifi module		
			Touch:		
			Available Object Size for Touch Ø3		
			mm ↑		
			Reponse Time (Based on 'Paint' app on		
			Windows 10 PC)		
			$60 \text{ms} \downarrow (\text{Android}) / 100 \text{ms} \downarrow (\text{Windows})$		
			• Accuracy ±1.5 mm		
			• Interface USB 2.0		
			• Protection Glass Thickness 3T (Anti-		
			Glare)		
			Protection Glass Transmission 87 %		
			• Operating System Support Windows		
			7/8/10/WindowsXP/Linux/Mac/Android		
			• (WindowsXP/Linux/Mac Support one		
			point touch)		
			Multi Touch Point Max. 20 Points		
			Android System:		
			• SoC Dual core A73 + Dual core A53		
			GPU Dual Core Mail G51		
			Internal Memory Storage : 16GB		
			• RAM : 3GB		
			• Wi-Fi 802.11a/b/g/n/ac		
			• LAN: Gigabit LAN		
			Bluetooth: Bluetooth 4.0		
			Comes with Free Movable Stand		
			Smart TV 55 inches (with wall mounting		
8	2	units	bracket)	70,000.00	140,000.00
			oracity		

			• SMART TV: Google TV <sup>TM</sup>		
			• Screen Size: 55" (54.6")		
			• VESA® Hole Pitch(W x H)		
			• 11.81 x 11.81 inch (300 x 300 mm)		
			Model Year: 2022		
			HDR(High Dynamic Range)		
			compatibility		
			• Yes (HDR10, HLG, Dolby Vision)	ł	
			Picture processor		
			Cognitive Processor XR		
			• Sensor Light		
			Video signal support		
			• HDMI <sup>™</sup> signal: 4096 x 2160p (24, 60		
			Hz), 3840 x 2160p		
			(24, 30, 60, 120 Hz), 1080p (30, 60,		
			120 Hz), 1080/24p, 1080i (60 Hz),		
			720p (30, 60 Hz), 720/24p, 480p		
			Accessories:		
			• Camera Unit (CMU-BC1); Wallmount		
			Bracket (SU-WL855)		
			Built-in Tuner: CI+		
			Number of Tuners: (Terrestrial/Cable)		
			I(Digital/Analog)		
			• TV System: (Analog) M		
			• TV System:(Digital Cable) Clear QAM		
			• TV System: (Digital Terrestrial)		
			ATSC/ATSC 3.0(NEXTGEN TV)		
			Tuner Channel Coverage: (Analog)		
			• VHF: 2-13/UHF: 14-69/CATV: 1-135		
			Tuner Channel Coverage: (Digital		
			Cable)		
			• CATV: 1-135		
			Tuner Channel Coverage: (Digital		
			Terrestrial)		
			• VHF: 2–13/UHF: 14–69 (2–13/14–36		
			for ATSC3.0)		
			Design: Bezel Color: Black		
			Bezel Design: Flush Surface		
			Remote Control: Standard Remote		
			Stand Color: Dark silver		
			• Stand Position: Two-way position		
			(Standard position/Soundbar position)		
		-	• Stand design: Metal Slim Blade Stand		
		-	• With Netflix Calibrated Mode		
			Software Operating System: Android		
			TV <sup>TM</sup>		
T			Application Store: Yes (Google Play		
			Store)		
			• Auto Calibration with CalMAN®: Yes		
			Built-in Mic Switch: Yes		
			• With Free Wall Mounting Bracket		
		1	6		
			Branded Desktop Computer for E-		
9	15	units	Library and Service Areas	65,000.00	975,000.00
			At least 12 Gen Intel Core i5-12400F		

			(18 MB cache, 6 cores, 12 threads,		
			2.50 GHz to 4.40 GHz Turbo)		
			• 8 GB, 1 x 8 GB, DDR4, 3200 MHz		
			• 1 TB + 256GB M.2 NVME PCIE SSD		
			NVIDIA GEForce GT730 2GB GDDR5		
			730		
			• WIRED KB AND MOUSE		
			• Intel Wi-Fi 6 2x2 (Gig+) and Bluetooth		
			• 180 W Bronze internal Power Supply		
		_	Unit (PSU)		
			• 300 W Bronze internal Power Supply		
			Unit (PSU)		
			• Windows 11		
			With Licensed Microsoft Office Home		
			and Student 2021		
10	1	unit	Projector with ceiling projector mount	00.000.00	
10	1	unit	and	90,000.00	90,000.00
			Motorized Projector Screen		
			Standard-Throw Laser Projector with		
			Built-in Wireless		
			Projection Technology: RGB liquid		
			crystal shutter projection system		
			LCD Size: 0.61" (C2fine)		
			Native Resolution: 1080p		
			Lightsource Type: 230W UHE		
			• Life (Normal / Eco): 5,500 / 12,000		
			hours		
			• Aspect Ratio: 16:9		
			• Projection Lens: Type: Optical Zoom		
		_	(Manual) / Focus (Manual);		
			F-Number: 1.51 – 1.99; Focal Length :		
			18.20 – 29.20 mm;		
			Zoom Ratio: $1 - 1.6$ ; Throw Ratio: $1.32$		
			-2.14 (Wide to Tele)		
			• Brightness: White Light Output		
			(Normal / Extended) 4,000 lm; Colour		
			Light		
			Output 4,000 lm; Contrast Ratio		
			16,000:1; Geometric Correction Vertical		
			/		
			Horizontal Keystone $\pm 30^{\circ}$ / $\pm 30^{\circ}$ (Auto		
			Vertical Keystone only); Quick Corner		
			Yes; Split Screen Yes; Internal Speakers		
			Monoaural: 16W x 1		
			Connectivity: Analog Input D-Sub		
			15Pin 1; Composite 1 (RCA);		
			Digital Input DVI-D NA; HDMI 2;		
			HDBaseT NA; Output Terminal		
			D-Sub 15Pin NA; HDMI NA; Audio		
			Input 2RCA (White & Red) 1;		
			Audio Output Stereo Mini Jack NA;		
			1		
			Others USB Type A 1 (For Wireless LAN,		
		1			

			USB Type B 1 (For Firmware		
			Update , Copy OSD Settings); Control		
			I/O RS-232C NA; Remote		
			Control Input NA; Network Wired LAN		
			NA; Wireless Built-In		
			• Power Supply Voltage 100 – 240 V AC		
			±10%, 50/60 Hz		
			Dimension Excluding Feet (D X W X		
			H) 282 x 309 x 90 mm		
			With Free Universal Projector Bracket		
			5		
			Ceiling Mount		
			Motorized Projector Screen: (120" 16:9)		
			• 120-inch Diagonal, 16:9 Aspect Ratio		
			• View Size: 59" H x 105" W.		
			Matte-White		
			• 180 degree wide viewing angle		
			• Features a streamlined aluminum casing		
			that houses tubular motor		
			Plug and play ready		
			• 3-Way integrated control switch for		
			easy operation		
			• With remote control		
			Labor Cost, Materials, Installation and		
11			Configuration (Lot 3)	152,896.80	152,896.80
			LOT 3 SUB-TOTAL		
			LOI 3 SUB-IOTAL		4,387,896.80
			Lot 4 : Supply and Delivery of		
			Furniture and Fixtures		
			of the Library with Installation		
1	4	sets	Modular Sofa	88,000.00	352,000.00
			Description: Modular Seating		,
			Dimension: W200xD55 cm		
			Cover: Leatherette; Foam: Uratex		
			Cover. Deatherette, I ouni. Oratex		
2	6	sets	Four Seater Modular Table	78,000.00	
2	0	3013		70,000.00	468,000.00
		_	Leg: Metal Black Frame		
		_	Table Top: MFC Board		
			With 4 pieces Clerical Chairs with arm		
			rest		
3	1	set	Jaquard Fabric Custom Curtain with	98 500 00	
3	1	set	Jaquard Fabric Custom Curtain with Lining Curtain	98,500.00	98,500.00
3	1	set	Jaquard Fabric Custom Curtain with	98,500.00	98,500.00
3	1	set	Jaquard Fabric Custom Curtain with Lining Curtain	98,500.00	98,500.00
3	1	set	Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function	98,500.00	98,500.00
3	1	set	Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function Room Height: Floor to ceiling and wall to wall	98,500.00	98,500.00
			Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function Room		98,500.00
3	1	set	Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function Room Height: Floor to ceiling and wall to wall	98,500.00	
			Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function Room Height: Floor to ceiling and wall to wall Periodical Display Shelves with Glass		
			Jaquard Fabric Custom Curtain with Lining Curtain         Tracks and Accessories for the Function Room         Height: Floor to ceiling and wall to wall         Periodical Display Shelves with Glass Panels in front		
			Jaquard Fabric Custom Curtain with Lining Curtain         Tracks and Accessories for the Function Room         Height: Floor to ceiling and wall to wall         Periodical Display Shelves with Glass Panels in front         Shelving with drawer panels		98,500.00

			Panels in front		
			Shelving with drawer panels	186,000.00	186,000.00
			Dimension: W-2620 D-460 H-2180		
6	1	set	Periodical and Reception Counter (Front)	245,000.00	245,000.00
			With Shelving and Drawers		
			Dimension: W-5600 D-650 H-1600		
7	1	set	Periodical and Reception Counter (Side)	185,000.00	185,000.00
			With Shelving, Drawers and Swing Door		
			Dimension: W-3800 D-650 H-1600		
8	7	sets	Two Seater Modular Table	67,000.00	469,000.00
			Dimension: W-2000 D-450 H-750mm		
			Leg: Metal Black Frame		
			Table Top: MFC Board		
			With 2 pieces Clerical Chairs with arm rest		
9	1	set	Loungo Sofa Sot	87.000	87,000.00
9	1	Set	Lounge Sofa Set Dimension: W-1780 D-820 H-800mm	87,000	87,000.00
			Cover: Leatherette Touch		
			Material: Flex Foam		
			LOT 4 SUB-TOTAL		2,256,500.00
			OVER ALL TOTAL		7,584,396.80

Delivery of the Goods is required by *Thirty (30) Calendar Days*. Bidders should have completed, within *Two (2) 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).

3. Bidding will be conducted through open competitive bidding procedures using a nondiscretionary "*pass/fail*" criterion as specified in the 2016 revised Implementing Rules and Regulations (IRR) of Republic Act (RA) No. 9184.

Bidding is restricted to Filipino citizens/sole proprietorships, partnerships, or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging to citizens of the Philippines, and to citizens or organizations of a country the laws or regulations of which grant similar rights or privileges to Filipino citizens, pursuant to RA No. 5183.

- 4. Prospective Bidders may obtain further information from *Cebu Normal University* and inspect the Bidding Documents at the address given below during office hours at 8:00 A.M. to 5:00 P.M.
- 5. A complete set of Bidding Documents may be acquired by interested Bidders on September 30 to October 24, 2022 from the given address and website(s) below and upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB, in the following amounts: Lot 1 Five Hundred Pesos (Php 500.00); Lot 2 Five Hundred Pesos (Php 500.00); Lot 3 Four

Thousand Five Hundred Pesos (Php 4,500.00) and Lot 4 - Two Thousand Five Hundred Pesos (Php 2,500.00) The Procuring Entity shall allow the bidder to present its proof of payment for the fees *if it will be presented in person, by facsimile, or through electronic means.* 

- 6. The *Cebu Normal University* will hold a Pre-Bid Conference<sup>1</sup> on *October 10, 2022 at 2:30 P.M.* at the *Tandang Sora Hall, Cebu Normal University, Osmeña Boulevard, Cebu City,* which shall be open to prospective bidders.
- 7. Bids must be duly received by the BAC Secretariat through manual submission at the *BAC Office, Room 203 2<sup>nd</sup> Floor, Administration Building, Cebu Normal University, Osmeña Boulevard, Cebu City*, on or before *October 24, 2022, 1:00 P.M.* Late bids shall not be accepted.
- 8. All Bids must be accompanied by a bid security in any of the acceptable forms and in the amount stated in **ITB** Clause 14.
- 9. Bid opening shall be on *October 24, 2022, 1:30 P.M.* at the *Tandang Sora Hall, Cebu Normal University, Osmeña Boulevard, Cebu City.* Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
- 10. The *Cebu Normal University* reserves the right to reject any and all bids, declare a failure of bidding, or not award the contract at any time prior to contract award in accordance with Sections 35.6 and 41 of the 2016 revised IRR of RA No. 9184, without thereby incurring any liability to the affected bidder or bidders.
- 11. For further information, please refer to:

Ann S. Ancajas BAC Secretariat Office Cebu Normal University Osmeña Boulevard, Cebu City 6000 Philippines cnubacsec@gmail.com (+63 32) 254 1452 local 141 or 125

12. You may visit the following websites:

For downloading of Bidding Documents: <u>www.philgeps.gov.ph</u> www.cnu.edu.ph

September 26, 2022

Dr. ANGELINE M. POGOY BAC Chairperson