

Republic of the Philippines **Cebu Pormal University** Osmeña Boulevard, Cebu City

# **PHILIPPINE BIDDING DOCUMENTS**

(As Harmonized with Development Partners)

# Procurement of

# Completion of Library Modernization Project (State of the Art Library Facilities)

# No. 22-08-616

Government of the Republic of the Philippines

Sixth Edition July 2020

## Preface

These Philippine Bidding Documents (PBDs) for the procurement of Goods through Competitive Bidding have been prepared by the Government of the Philippines for use by any branch, constitutional commission or office, agency, department, bureau, office, or instrumentality of the Government of the Philippines, National Government Agencies, including Government-Owned and/or Controlled Corporations, Government Financing Institutions, State Universities and Colleges, and Local Government Unit. The procedures and practices presented in this document have been developed through broad experience, and are for mandatory use in projects that are financed in whole or in part by the Government of the Philippines or any foreign government/foreign or international financing institution in accordance with the provisions of the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184.

The Bidding Documents shall clearly and adequately define, among others: (i) the objectives, scope, and expected outputs and/or results of the proposed contract or Framework Agreement, as the case may be; (ii) the eligibility requirements of Bidders; (iii) the expected contract or Framework Agreement duration, the estimated quantity in the case of procurement of goods, delivery schedule and/or time frame; and (iv) the obligations, duties, and/or functions of the winning bidder.

Care should be taken to check the relevance of the provisions of the PBDs against the requirements of the specific Goods to be procured. If duplication of a subject is inevitable in other sections of the document prepared by the Procuring Entity, care must be exercised to avoid contradictions between clauses dealing with the same matter.

Moreover, each section is prepared with notes intended only as information for the Procuring Entity or the person drafting the Bidding Documents. They shall not be included in the final documents. The following general directions should be observed when using the documents:

- a. All the documents listed in the Table of Contents are normally required for the procurement of Goods. However, they should be adapted as necessary to the circumstances of the particular Procurement Project.
- b. Specific details, such as the "*name of the Procuring Entity*" and "*address for bid submission*," should be furnished in the Instructions to Bidders, Bid Data Sheet, and Special Conditions of Contract. The final documents should contain neither blank spaces nor options.
- c. This Preface and the footnotes or notes in italics included in the Invitation to Bid, Bid Data Sheet, General Conditions of Contract, Special Conditions of Contract, Schedule of Requirements, and Specifications are not part of the text of the final document, although they contain instructions that the Procuring Entity should strictly follow.

- d. The cover should be modified as required to identify the Bidding Documents as to the Procurement Project, Project Identification Number, and Procuring Entity, in addition to the date of issue.
- e. Modifications for specific Procurement Project details should be provided in the Special Conditions of Contract as amendments to the Conditions of Contract. For easy completion, whenever reference has to be made to specific clauses in the Bid Data Sheet or Special Conditions of Contract, these terms shall be printed in bold typeface on Sections I (Instructions to Bidders) and III (General Conditions of Contract), respectively.
- f. For guidelines on the use of Bidding Forms and the procurement of Foreign-Assisted Projects, these will be covered by a separate issuance of the Government Procurement Policy Board.

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# Glossary of Acronyms, Terms, and Abbreviations

ABC – Approved Budget for the Contract.

**BAC** – Bids and Awards Committee.

**Bid** – A signed offer or proposal to undertake a contract submitted by a bidder in response to and in consonance with the requirements of the bidding documents. Also referred to as *Proposal* and *Tender*. (2016 revised IRR, Section 5[c])

**Bidder** – Refers to a contractor, manufacturer, supplier, distributor and/or consultant who submits a bid in response to the requirements of the Bidding Documents. (2016 revised IRR, Section 5[d])

**Bidding Documents** – The documents issued by the Procuring Entity as the bases for bids, furnishing all information necessary for a prospective bidder to prepare a bid for the Goods, Infrastructure Projects, and/or Consulting Services required by the Procuring Entity. (2016 revised IRR, Section 5[e])

**BIR** – Bureau of Internal Revenue.

**BSP** – Bangko Sentral ng Pilipinas.

**Consulting Services** – Refer to services for Infrastructure Projects and other types of projects or activities of the GOP requiring adequate external technical and professional expertise that are beyond the capability and/or capacity of the GOP to undertake such as, but not limited to: (i) advisory and review services; (ii) pre-investment or feasibility studies; (iii) design; (iv) construction supervision; (v) management and related services; and (vi) other technical services or special studies. (2016 revised IRR, Section 5[i])

**CDA -** Cooperative Development Authority.

**Contract** – Refers to the agreement entered into between the Procuring Entity and the Supplier or Manufacturer or Distributor or Service Provider for procurement of Goods and Services; Contractor for Procurement of Infrastructure Projects; or Consultant or Consulting Firm for Procurement of Consulting Services; as the case may be, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.

CIF – Cost Insurance and Freight.

**CIP** – Carriage and Insurance Paid.

**CPI** – Consumer Price Index.

DDP – Refers to the quoted price of the Goods, which means "delivered duty paid."

**DTI** – Department of Trade and Industry.

**EXW** – Ex works.

FCA – "Free Carrier" shipping point.

**FOB** – "Free on Board" shipping point.

**Foreign-funded Procurement or Foreign-Assisted Project**– Refers to procurement whose funding source is from a foreign government, foreign or international financing institution as specified in the Treaty or International or Executive Agreement. (2016 revised IRR, Section 5[b]).

**Framework Agreement** – Refers to a written agreement between a procuring entity and a supplier or service provider that identifies the terms and conditions, under which specific purchases, otherwise known as "Call-Offs," are made for the duration of the agreement. It is in the nature of an option contract between the procuring entity and the bidder(s) granting the procuring entity the option to either place an order for any of the goods or services identified in the Framework Agreement List or not buy at all, within a minimum period of one (1) year to a maximum period of three (3) years. (GPPB Resolution No. 27-2019)

**GFI** – Government Financial Institution.

GOCC – Government-owned and/or –controlled corporation.

**Goods** – Refer to all items, supplies, materials and general support services, except Consulting Services and Infrastructure Projects, which may be needed in the transaction of public businesses or in the pursuit of any government undertaking, project or activity, whether in the nature of equipment, furniture, stationery, materials for construction, or personal property of any kind, including non-personal or contractual services such as the repair and maintenance of equipment and furniture, as well as trucking, hauling, janitorial, security, and related or analogous services, as well as procurement of materials and supplies provided by the Procuring Entity for such services. The term "related" or "analogous services" shall include, but is not limited to, lease or purchase of office space, media advertisements, health maintenance services, and other services essential to the operation of the Procuring Entity. (2016 revised IRR, Section 5[r])

**GOP** – Government of the Philippines.

**GPPB** – Government Procurement Policy Board.

**INCOTERMS** – International Commercial Terms.

**Infrastructure Projects** – Include the construction, improvement, rehabilitation, demolition, repair, restoration or maintenance of roads and bridges, railways, airports, seaports, communication facilities, civil works components of information technology projects, irrigation, flood control and drainage, water supply, sanitation, sewerage and solid waste management systems, shore protection, energy/power and electrification facilities, national

buildings, school buildings, hospital buildings, and other related construction projects of the government. Also referred to as *civil works or works*. (2016 revised IRR, Section 5[u])

**LGUs** – Local Government Units.

NFCC – Net Financial Contracting Capacity.

NGA – National Government Agency.

**PhilGEPS -** Philippine Government Electronic Procurement System.

**Procurement Project** – refers to a specific or identified procurement covering goods, infrastructure project or consulting services. A Procurement Project shall be described, detailed, and scheduled in the Project Procurement Management Plan prepared by the agency which shall be consolidated in the procuring entity's Annual Procurement Plan. (GPPB Circular No. 06-2019 dated 17 July 2019)

**PSA** – Philippine Statistics Authority.

**SEC** – Securities and Exchange Commission.

**SLCC** – Single Largest Completed Contract.

**Supplier** – refers to a citizen, or any corporate body or commercial company duly organized and registered under the laws where it is established, habitually established in business and engaged in the manufacture or sale of the merchandise or performance of the general services covered by his bid. (Item 3.8 of GPPB Resolution No. 13-2019, dated 23 May 2019). Supplier as used in these Bidding Documents may likewise refer to a distributor, manufacturer, contractor, or consultant.

**UN** – United Nations.

## Notes on the Invitation to Bid

The Invitation to Bid (IB) provides information that enables potential Bidders to decide whether to participate in the procurement at hand. The IB shall be posted in accordance with Section 21.2 of the 2016 revised IRR of RA No. 9184.

Apart from the essential items listed in the Bidding Documents, the IB should also indicate the following:

- a. The date of availability of the Bidding Documents, which shall be from the time the IB is first advertised/posted until the deadline for the submission and receipt of bids;
- b. The place where the Bidding Documents may be acquired or the website where it may be downloaded;
- c. The deadline for the submission and receipt of bids; and
- d. Any important bid evaluation criteria (*e.g.*, the application of a margin of preference in bid evaluation).

The IB should be incorporated in the Bidding Documents. The information contained in the IB must conform to the Bidding Documents and in particular to the relevant information in the Bid Data Sheet.



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: cnubacsec@gmail.com

## 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 ₽ 500,000.00; Lot 2 PABX System with Installation and Augmentation of Structured Cabling ₽ 500,000.00; Lot 3 IT Equipment with Installation ₽ 4,387,896.80 and Lot 4 Furniture and Fixtures of the Library with Installation ₽ 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
		Comj	pletion 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)		
7	1	<b>T</b> /	Vertical Tripod TURNSTILE (RFID)		
1	1	Lot	with Railings	500,000.00	500,000.00
			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		
			(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		
			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	16,000.00
			Basic ITS; Wall Mountable; Volume		
			Control; One Touch Redial		
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 &		

Image: second					<u> </u>	
• Cat 6 Ethernet Cable 300M per box (20 box)         • 3/4 Electrical conduit (200 length)         • Metal Pull Box 4in x 8in x 8in (10 pes)         • PVC Clamps (1000 pcs)         • PVC Moulding 1" (150 length)         • 48 Port Cat 6 Patch Panel (3 pcs)         • Labor Cost (1 Lot)         Pleaxe see see separate sheet for the Specifications and Layout of the         Pleaxe see see sparate sheet for the Specifications and Layout of the         1       Labor Cost, Materials, Installation and Configuration (Lot 2)         1       Labor Cost, Materials, Installation         1       LOT 3 : Supply and Delivery of IT Equipment with Installation         1       Data Center :         650,000.00       650,000.00         5       Server         1       Data Center Server inclusion:         1       Ot Data Center Server inclusion:         2       -         4       VCS SUPP PSS 8X5X4 UCS C220 M4 SFF w/o CPU, mem, HD         5       2.10 GHz E5-2620 v4/85W 8C/20MB         Cache/DDR4 2133MHz       -         4       16GB DDR-2400-MHz RDIMM/PC4-         9200/single rank/x4/1.2v       -         4       600GB 12G SAS 10K RPM SFF HDD         5       -         4       10CS W (Recommended) latest release for C-S						
box)box) $3/4$ Electrical conduit (200 length) $Metal Pull Box 4in x 8in x 8in (10 pcs)$ $PVC$ Clamps (1000 pcs) $PVC$ Clamps (1000 pcs) $PVC$ Moulding 1" (150 length) $48$ Port Cat 6 Patch Panel (3 pcs) $10F$ Box 6U (1 pc) $2100$ $1210$ $1210$ $1210$ $1210$ $1220$ $121$						
• Metal Pull Box 4in x 8in x 8in (10 pcs)         • PVC Clamps (1000 pcs)         • PVC Moulding 1" (150 length)         • 1DF Box 6U (1 pc)         • 1abor Cost (1 Lot)         Please see see separate sheet for the Specifications and Layout of the         Augmentation of the Structured Cabling         127,414.00         127,414.						
• PVC Clamps (1000 pcs)       • PVC Moulding 1" (150 length)         • 48 Port Cat 6 Patch Panel (3 pcs)       • IDF Box 6U (1 pc)         • IDF Box 6U (1 pc)       • Labor Cost (1 Lot)         • Labor Cost (1 Lot)       Please see separate sheet for the Specifications and Layout of the         5       Labor Cost, Materials, Installation and Configuration (Lot 2)       127,414.00         5       Labor Cost, Materials, Installation and Configuration (Lot 2)       127,414.00         6       LoT 3 : Supply and Delivery of IT Equipment with Installation       440,000.00         6       Data Center :       650,000.00         6       Server       650,000.00         9       Data Center Server inclusion:       650,000.00         9       UCS C220 M4 SFF w/o CPU, mem, HD, PCle, PSU, rail kit       HO         9       UCS SUPP PSS 8X5X4 UCS C220 M4       SFF w/o CPU, mem, HD         9       • UCS SUPP PSS 8X5X4 UCS C20MB       62,000.00         9       Cache/DDR4 2133MHz       6000GB 12G SAS 10K RPM SFF HDD         9       • Iofel B DR 42,400.MHz RDIMM/PC4-       19200/single rank/x4/1.2v         9       • OGB 12G SAS 10K RPM SFF HDD       • Intel i350 quad-port MLOM NIC         9       • Intel i350 quad-port MLOM NIC       • UCS 770W AC Power Supply for Rack Server         9       • N				• 3/4 Electrical conduit (200 length)		
• PVC Moulding 1" (150 length)         • 48 Port Cat 6 Patch Panel (3 pcs)         • IDF Box 6U (1 pc)         • Labor Cost (1 Lot)         Please see separate sheet for the Specifications and Layout of the         Augmentation of the Structured Cabling         1         Labor Cost, Materials, Installation and Configuration (Lot 2)         1         LOT 3 : Supply and Delivery of IT Equipment with Installation         1						
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• 48 Port Cat 6 Patch Panel (3 pcs)       •         • IDF Box 6U (1 pc)       •         • Labor Cost (1 Lot)       •         Please see separate sheet for the Specifications and Layout of the       •         • Augmentation of the Structured Cabling       •         5       •       Labor Cost, Materials, Installation and Configuration (Lot 2)       127.414.00         127.414.00       127.414.00       127.414.00       127.414.00         •       •       •       •       •         •       •       •       •       •         •       •       •       •       •         •       •       •       •       •         •       •       •       •       •         •       •       •       •       •         •       •       •       •       •         •       •       •       •       •       •         •       •       •       •       •       •       •         •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       •       • </td <td></td> <td></td> <td></td> <td>• PVC Moulding 1" (150 length)</td> <td></td> <td></td>				• PVC Moulding 1" (150 length)		
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1       lot       Data Center :       650.000.00         Server       0       Data Center Server inclusion:       650.000.00         .       Data Center Server inclusion:       0       650.000.00         .       UCS C220 M4 SFF w/o CPU, mem, HD, PCIe, PSU, rail kit       0       0         .       UCS SUPP PSS 8X5X4 UCS C220 M4       SFF w/o CPU, mem, HD       0         .       .       2.10 GHz E5-2620 v4/85W 8C/20MB       0         Cache/DDR4 2133MHz       0       0       0         .       16GB DDR4-2400-MHz RDIMM/PC4-       19200/single rank/x4/1.2v       0         .       0.600GB 12G SAS 10K RPM SFF HDD       0       0         .       Intel i350 quad-port MLOM NIC       0       0         .       UCS 770W AC Power Supply for Rack Server       0       0         .       IMC SW (Recommended) latest release for C-Series Servers.       0       0         .       Power Cord, 125VAC 13A NEMA 5-       15 Plug, North America       0         .       Power Cord, 125VAC 13A NEMA 5-       15 Plug, North America       0         .       Power Cord, 125VAC 13A NEMA 5-       15 Plug, North America       0         .       Power Servers       0       0       0				LOT 3 : Supply and Delivery of IT		
Server         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-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- 155 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				Equipment with Installation		
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-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	1	1	lot	Data Center :	650,000.00	650,000.00
• 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-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				Server		
HD, PCle, PSU, rail kit• UCS SUPP PSS 8X5X4 UCS C220 M4SFF w/o CPU, mem, HD• 2.10 GHz E5-2620 v4/85W 8C/20MBCache/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 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         • 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						
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						
• 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						
Cache/DDR4 2133MHz• 16GB DDR4-2400-MHz RDIMM/PC4- 19200/single rank/x4/1.2v• 600GB 12G SAS 10K RPM SFF HDD• 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• IMC SW (Recommended) latest release for C-Series Servers.• Power Cord, 125VAC 13A NEMA 5- 155 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						
• 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       • Intel i350 quad-port MLOM NIC         • UCS 770W AC Power Supply for Rack Server       • 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						
19200/single rank/x4/1.2v       19200/single rank/x4/1.2v         600GB 12G SAS 10K RPM SFF HDD       1000000000000000000000000000000000000						
• 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						
• 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				ě		
• 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						
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						
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     Servers     Supercap cable 950mm						
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						
• 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						
15 Plug, North America       15 Plug, North America         • Friction Rail Kit for C220 M4 and M5 rack servers       1000000000000000000000000000000000000						
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						
rack servers          • CPU asset tab ID label (Auto-Expand)         • Heat sink for UCS C220 M4 rack servers         • Supercap cable 950mm						
CPU asset tab ID label (Auto-Expand)     Heat sink for UCS C220 M4 rack     servers     Supercap cable 950mm						
• Heat sink for UCS C220 M4 rack servers     • Supercap cable 950mm						
servers       • Supercap cable 950mm						
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	320,000.00	320,000.00
			• 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 field-replaceable, hot-swappable		
			power supply slots		
			• Memory and Flash: 8 GB DDR4 32 GB		
			eMMC		
3	3	units		230,000.00	
	5	units	Layer 2 Access Switch, 48 Ports (48G PoE+ 4SFP)		690,000.00
			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		
			• External I/O Ports48x ports		
			10/100/1000BASE-T ports 4x 1G/10G		
			SFP ports		
			• Latency1 Gbps: 1.9 µSec , 10 Gbps: 1.8		
			μSec		
			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	

			(Gigabit)		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,		
			• Copper GE Ports (KJ45): g01–g15, 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 Gops		
5	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		222,000.00
			access point offered		
			Maximum concurrent users/devices:		
			1024		
			Maximum VLANS: 4096		
			Concurrent GRE Tunnels: 256		
			Concurrent Ipsec sessions: 1024		
			Concurrent SSL Sessions: 1024		
7	1	units	Interactive Digital Board TV with	120,000.00	
,	1	units	Interactive Digital Doard IV with	120,000.00	120,000.00

Android 55 inches         (with movable stand)         Tech Specification:         • Panel         • Screen Size 55"         • Panel Technology IPS         • 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.)         • 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         • Operation Hours (Hours / Days) 16 / 7         • Bezel Color Black         • 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	
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.)• Contrast Ratio 1,200:1• Color gamut NTSC 68%• Viewing Angle (H x V) 178 x 178• Color Depth 10bit, 1.07Billion colors• Surface Treatment (Haze) Anti Glare, 7H (Mohs)• Life Time (Min.) 30,000 Hrs• Operation Hours (Hours / Days) 16 / 7• Portrait / Landscape No/Yes• Bezel Color Black• Weight (Head): 27 Kg	
• 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         • 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 Width(Off Bezel) 18.9 / 18.9 / 18.9 / 45.7 mm         • Weight (Head): 27 Kg	
• 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	
• 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	
• 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	
• 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	
• 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	
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• 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	
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• 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	
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 / 18.9 / 18.9 / 45.7 mm         • Weight (Head): 27 Kg	
• 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 / 18.9 / 45.7 mm         • Weight (Head): 27 Kg	
• 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 / 18.9 / 18.9 / 45.7 mm         • Weight (Head): 27 Kg	
Mechanical Specification:       • Bezel Color Black         • Bezel Width(Off Bezel) 18.9 / 18.9 / 18.9 / 18.9 / 18.9 / 45.7 mm         • Weight (Head): 27 Kg	
• Bezel Color Black           • Bezel Width(Off Bezel) 18.9 / 18.9 / 18.9 / 18.9 / 18.9 / 18.9 / 45.7 mm           • Weight (Head): 27 Kg	
• Bezel Width(Off Bezel) 18.9 / 18.9 / 18.9 / 18.9 / 18.9 / 45.7 mm           • Weight (Head): 27 Kg	
18.9 / 45.7 mm           • Weight (Head): 27 Kg	
Monitor Dimensions (W × H × D)	
1,271 x 774 x 84 mm	
Carton Dimensions (W × H × D) 1,450	
x 1,015 x 225 mm (Box outer size)	
• VESA <sup>TM</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		
			(WindowsXI/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		
			<ul><li>Internal Memory Storage : 16GB</li><li>RAM : 3GB</li></ul>		
			• Wi-Fi 802.11a/b/g/n/ac		
			• LAN: Gigabit LAN		
			• Bluetooth: Bluetooth 4.0		
			Comes with Free Movable Stand		
8	2	units	Smart TV 55 inches (with wall mounting	70,000.00	140,000,00
-	_		bracket)		140,000.00
			• SMART TV: Google TV™		
			• 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)		
			Picture processor		
			Cognitive Processor XR		
			Sensor Light		
			Video signal support		
			• HDMI <sup>TM</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)		
			• 1(Digital/Analog)		
			• TV System: (Analog) M		
			• TV System: (Finalog) W • TV System:(Digital Cable) Clear QAM		
			• TV System: (Digital Cable) Creat QAN		
			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>		
			• Application Store: Yes (Google Play Store)		
			Auto Calibration with CalMAN®: Yes		
			Built-in Mic Switch: Yes		
			With Free Wall Mounting Bracket		
9	15	units	Branded Desktop Computer for E- 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	90,000.00	90,000.00
			and Motorized Drainston Sensor		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;		
			Others USB Type A 1 (For Wireless		
			LAN,		
			Firmware Update, Copy OSD Settings);		
			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		
			<ul> <li>Power Supply Voltage 100 – 240 V AC</li> </ul>		
			$\pm 10\%$ , 50/60 Hz		
			• Dimension Excluding Feet (D X W X		
			H) 282 x 309 x 90 mm		
			• With Free Universal Projector Bracket		
			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		
11			Labor Cost, Materials, Installation and	152,896.80	
11			Configuration (Lot 3)	152,070.00	152,896.80
			LOT 3 SUB-TOTAL		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	
1		5015			352,000.00
			Description: Modular Seating Dimension: W200xD55 cm		
[]			Cover: Leatherette; Foam: Uratex		
			Cover. Leatherette, Foant. Orates		
2	6	sets	Four Seater Modular Table	78,000.00	468 000 00
2	6	sets	Four Seater Modular Table	78,000.00	468,000.00
2	6	sets	Four Seater Modular Table Leg: Metal Black Frame	78,000.00	468,000.00
2	6	sets	Four Seater Modular TableLeg: Metal Black FrameTable Top: MFC Board	78,000.00	468,000.00
2	6	sets	Four Seater Modular Table Leg: Metal Black Frame	78,000.00	468,000.00
2	6	sets	Four Seater Modular TableLeg: Metal Black FrameTable Top: MFC BoardWith 4 pieces Clerical Chairs with arm rest	78,000.00	468,000.00
2	6	sets set	Four Seater Modular TableLeg: Metal Black FrameTable Top: MFC BoardWith 4 pieces Clerical Chairs with arm	78,000.00	468,000.00
			Four Seater Modular Table Leg: Metal Black Frame Table Top: MFC Board With 4 pieces Clerical Chairs with arm rest Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function		
			Four Seater Modular Table Leg: Metal Black Frame Table Top: MFC Board With 4 pieces Clerical Chairs with arm rest Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function Room		
			Four Seater Modular Table Leg: Metal Black Frame Table Top: MFC Board With 4 pieces Clerical Chairs with arm rest Jaquard Fabric Custom Curtain with Lining Curtain Tracks and Accessories for the Function		

			Panels in front		166,000.00
			Shelving with drawer panels		
			Dimension: W-2620 D-460 H-2180		
5	1	set	Periodical Display Shelves with Glass 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		100,000100
			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	Lounge Sofa Set	87,000	87,000.0
			Dimension: W-1780 D-820 H-800mm		
			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's Office Cebu Normal University Osmeña Boulevard, Cebu City 6000 Philippines cnubacsec@gmail.com (+63 32) 254 1452 local 141 or 125

<sup>&</sup>lt;sup>1</sup> May be deleted in case the ABC is less than One Million Pesos (PhP1,000,000) where the Procuring Entity may not hold a Pre-Bid Conference.

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

### Notes on the Instructions to Bidders

This Section on the Instruction to Bidders (ITB) provides the information necessary for bidders to prepare responsive bids, in accordance with the requirements of the Procuring Entity. It also provides information on bid submission, eligibility check, opening and evaluation of bids, post-qualification, and on the award of contract.

#### 1. Scope of Bid

The Procuring Entity, *Cebu Normal University* wishes to receive Bids for the *Supply*, *Delivery and Installation of Completion of Library Modernization Project (State of the Art Library Facilities)*, with identification number 22-08-616.

[Note: The Project Identification Number is assigned by the Procuring Entity based on its own coding scheme and is not the same as the PhilGEPS reference number, which is generated after the posting of the bid opportunity on the PhilGEPS website.]

The Procurement Project (referred to herein as "Project") is composed of *Four* (4) *Lots*, the details of which are described in Section VII (Technical Specifications).

#### 2. Funding Information

- 2.1 The GOP through the source of funding as indicated below for the year 2021 (*continuing*) in the amount of *Php* 7,584,396.80.
- 2.1. The source of funding is:
  - a. NGA, the General Appropriations Act.

#### **3.** Bidding Requirements

The Bidding for the Project shall be governed by all the provisions of RA No. 9184 and its 2016 revised IRR, including its Generic Procurement Manuals and associated policies, rules and regulations as the primary source thereof, while the herein clauses shall serve as the secondary source thereof.

Any amendments made to the IRR and other GPPB issuances shall be applicable only to the ongoing posting, advertisement, or **IB** by the BAC through the issuance of a supplemental or bid bulletin.

The Bidder, by the act of submitting its Bid, shall be deemed to have verified and accepted the general requirements of this Project, including other factors that may affect the cost, duration and execution or implementation of the contract, project, or work and examine all instructions, forms, terms, and project requirements in the Bidding Documents.

#### 4. Corrupt, Fraudulent, Collusive, and Coercive Practices

The Procuring Entity, as well as the Bidders and Suppliers, shall observe the highest standard of ethics during the procurement and execution of the contract. They or through an agent shall not engage in corrupt, fraudulent, collusive, coercive, and obstructive practices defined under Annex "I" of the 2016 revised IRR of RA No. 9184 or other integrity violations in competing for the Project.

#### 5. Eligible Bidders

- 5.1. Only Bids of Bidders found to be legally, technically, and financially capable will be evaluated.
- 5.2.
- a. Foreign ownership exceeding those allowed under the rules may participate pursuant to:
  - i. When a Treaty or International or Executive Agreement as provided in Section 4 of the RA No. 9184 and its 2016 revised IRR allow foreign bidders to participate;
  - ii. Citizens, corporations, or associations of a country, included in the list issued by the GPPB, the laws or regulations of which grant reciprocal rights or privileges to citizens, corporations, or associations of the Philippines;
  - iii. When the Goods sought to be procured are not available from local suppliers; or
  - iv. When there is a need to prevent situations that defeat competition or restrain trade.
- 5.3. Pursuant to Section 23.4.1.3 of the 2016 revised IRR of RA No.9184, the Bidder shall have an SLCC that is at least one (1) contract similar to the Project the value of which, adjusted to current prices using the PSA's CPI, must be at least equivalent to:
  - a. For the procurement of Expendable Supplies: The Bidder must have completed a single contract that is similar to this Project, equivalent to at least twenty-five percent (25%) of the ABC.
- 5.4. The Bidders shall comply with the eligibility criteria under Section 23.4.1 of the 2016 IRR of RA No. 9184.

#### 6. Origin of Goods

There is no restriction on the origin of goods other than those prohibited by a decision of the UN Security Council taken under Chapter VII of the Charter of the UN, subject to Domestic Preference requirements under **ITB** Clause 18.

#### 7. Subcontracts

7.1. The Bidder may subcontract portions of the Project to the extent allowed by the Procuring Entity as stated herein, but in no case more than twenty percent (20%) of the Project.

The Procuring Entity has prescribed that:

a. Subcontracting is not allowed.

- 7.2. *[If Procuring Entity has determined that subcontracting is allowed during the bidding, state:]* The Bidder must submit together with its Bid the documentary requirements of the subcontractor(s) complying with the eligibility criteria stated in **ITB** Clause 5 in accordance with Section 23.4 of the 2016 revised IRR of RA No. 9184 pursuant to Section 23.1 thereof.
- 7.3. [If subcontracting is allowed during the contract implementation stage, state:] The Supplier may identify its subcontractor during the contract implementation stage. Subcontractors identified during the bidding may be changed during the implementation of this Contract. Subcontractors must submit the documentary requirements under Section 23.1 of the 2016 revised IRR of RA No. 9184 and comply with the eligibility criteria specified in **ITB** Clause 5 to the implementing or end-user unit.
- 7.4. Subcontracting of any portion of the Project does not relieve the Supplier of any liability or obligation under the Contract. The Supplier will be responsible for the acts, defaults, and negligence of any subcontractor, its agents, servants, or workmen as fully as if these were the Supplier's own acts, defaults, or negligence, or those of its agents, servants, or workmen.

#### 8. Pre-Bid Conference

The Procuring Entity will hold a pre-bid conference for this Project on the specified date and time through videoconferencing as indicated in paragraph 6 of the **IB**.

#### 9. Clarification and Amendment of Bidding Documents

Prospective bidders may request for clarification on and/or interpretation of any part of the Bidding Documents. Such requests must be in writing and received by the Procuring Entity, either at its given address or through electronic mail indicated in the **IB**, at least ten (10) calendar days before the deadline set for the submission and receipt of Bids.

#### 10. Documents comprising the Bid: Eligibility and Technical Components

- 10.1. The first envelope shall contain the eligibility and technical documents of the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 10.2. The Bidder's SLCC as indicated in **ITB** Clause 5.3 should have been completed within *Two (2) Years as provided in paragraph 2 of the IB* prior to the deadline for the submission and receipt of bids.
- 10.3. If the eligibility requirements or statements, the bids, and all other documents for submission to the BAC are in foreign language other than English, it must be accompanied by a translation in English, which shall be authenticated by the appropriate Philippine foreign service establishment, post, or the equivalent office having jurisdiction over the foreign bidder's affairs in the Philippines. Similar to the required authentication above, for Contracting

Parties to the Apostille Convention, only the translated documents shall be authenticated through an apostille pursuant to GPPB Resolution No. 13-2019 dated 23 May 2019. The English translation shall govern, for purposes of interpretation of the bid.

#### 11. Documents comprising the Bid: Financial Component

- 11.1. The second bid envelope shall contain the financial documents for the Bid as specified in Section VIII (Checklist of Technical and Financial Documents).
- 11.2. If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a certification issued by DTI shall be provided by the Bidder in accordance with Section 43.1.3 of the 2016 revised IRR of RA No. 9184.
- 11.3. Any bid exceeding the ABC indicated in paragraph 1 of the **IB** shall not be accepted.
- 11.4. For Foreign-funded Procurement, a ceiling may be applied to bid prices provided the conditions are met under Section 31.2 of the 2016 revised IRR of RA No. 9184.

#### 12. Bid Prices

- 12.1. Prices indicated on the Price Schedule shall be entered separately in the following manner:
  - a. For Goods offered from within the Procuring Entity's country:
    - i. The price of the Goods quoted EXW (ex-works, ex-factory, exwarehouse, ex-showroom, or off-the-shelf, as applicable);
    - ii. The cost of all customs duties and sales and other taxes already paid or payable;
    - iii. The cost of transportation, insurance, and other costs incidental to delivery of the Goods to their final destination; and
    - iv. The price of other (incidental) services, if any, listed in e.
  - b. For Goods offered from abroad:
    - i. Unless otherwise stated in the **BDS**, the price of the Goods shall be quoted delivered duty paid (DDP) with the place of destination in the Philippines as specified in the **BDS**. In quoting the price, the Bidder shall be free to use transportation through carriers registered in any eligible country. Similarly, the Bidder may obtain insurance services from any eligible source country.
    - ii. The price of other (incidental) services, if any, as listed in Section VII (Technical Specifications).

#### **13. Bid and Payment Currencies**

- 13.1. For Goods that the Bidder will supply from outside the Philippines, the bid prices may be quoted in the local currency or tradeable currency accepted by the BSP at the discretion of the Bidder. However, for purposes of bid evaluation, Bids denominated in foreign currencies, shall be converted to Philippine currency based on the exchange rate as published in the BSP reference rate bulletin on the day of the bid opening.
- 13.2. Payment of the contract price shall be made in:
  - a. Philippine Pesos.

#### 14. Bid Security

- 14.1. The Bidder shall submit a Bid Securing Declaration<sup>2</sup> or any form of Bid Security in the amount indicated in the **BDS**, which shall be not less than the percentage of the ABC in accordance with the schedule in the **BDS**.
- 14.2. The Bid and bid security shall be valid until *February 21, 2023*. Any Bid not accompanied by an acceptable bid security shall be rejected by the Procuring Entity as non-responsive.

#### **15. Sealing and Marking of Bids**

Each Bidder shall submit Four (4) copies of the first and second components of its Bid.

The Procuring Entity may request additional hard copies and/or electronic copies of the Bid. However, failure of the Bidders to comply with the said request shall not be a ground for disqualification.

If the Procuring Entity allows the submission of bids through online submission or any other electronic means, the Bidder shall submit an electronic copy of its Bid, which must be digitally signed. An electronic copy that cannot be opened or is corrupted shall be considered non-responsive and, thus, automatically disqualified.

#### **16. Deadline for Submission of Bids**

16.1. The Bidders shall submit on the specified date and time and either at its physical address or through online submission as indicated in paragraph 7 of the **IB**.

 $<sup>^{2}</sup>$  In the case of Framework Agreement, the undertaking shall refer to entering into contract with the Procuring Entity and furnishing of the performance security or the performance securing declaration within ten (10) calendar days from receipt of Notice to Execute Framework Agreement.

#### **17.** Opening and Preliminary Examination of Bids

17.1. The BAC shall open the Bids in public at the time, on the date, and at the place specified in paragraph 9 of the **IB**. The Bidders' representatives who are present shall sign a register evidencing their attendance. In case videoconferencing, webcasting or other similar technologies will be used, attendance of participants shall likewise be recorded by the BAC Secretariat.

In case the Bids cannot be opened as scheduled due to justifiable reasons, the rescheduling requirements under Section 29 of the 2016 revised IRR of RA No. 9184 shall prevail.

17.2. The preliminary examination of bids shall be governed by Section 30 of the 2016 revised IRR of RA No. 9184.

#### **18. Domestic Preference**

18.1. The Procuring Entity will grant a margin of preference for the purpose of comparison of Bids in accordance with Section 43.1.2 of the 2016 revised IRR of RA No. 9184.

#### **19.** Detailed Evaluation and Comparison of Bids

- 19.1. The Procuring BAC shall immediately conduct a detailed evaluation of all Bids rated "*passed*," using non-discretionary pass/fail criteria. The BAC shall consider the conditions in the evaluation of Bids under Section 32.2 of the 2016 revised IRR of RA No. 9184.
- 19.2. If the Project allows partial bids, bidders may submit a proposal on any of the lots or items, and evaluation will be undertaken on a per lot or item basis, as the case maybe. In this case, the Bid Security as required by **ITB** Clause 15 shall be submitted for each lot or item separately.
- 19.3. The descriptions of the lots or items shall be indicated in **Section VII** (**Technical Specifications**), although the ABCs of these lots or items are indicated in the **BDS** for purposes of the NFCC computation pursuant to Section 23.4.2.6 of the 2016 revised IRR of RA No. 9184. The NFCC must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder.
- 19.4. The Project shall be awarded as follows:

Option 2 – One Project having several items grouped into several lots, which shall be awarded as separate contracts per lot.

19.5. Except for bidders submitting a committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation, all Bids must include the NFCC computation pursuant to Section 23.4.1.4 of the 2016 revised IRR of RA No. 9184, which must be sufficient for the total of the ABCs for all the lots or items participated in by the prospective Bidder. For bidders submitting the committed Line of Credit, it must be at least equal to ten percent (10%) of the ABCs for all the lots or items participated in by the prospective Bidder.

#### 20. Post-Qualification

20.2. Within a non-extendible period of five (5) calendar days from receipt by the Bidder of the notice from the BAC that it submitted the Lowest Calculated Bid, the Bidder shall submit its latest income and business tax returns filed and paid through the BIR Electronic Filing and Payment System (eFPS) and other appropriate licenses and permits required by law and stated in the **BDS**.

#### 21. Signing of the Contract

21.1. The documents required in Section 37.2 of the 2016 revised IRR of RA No. 9184 shall form part of the Contract. Additional Contract documents are indicated in the **BDS**.

# Section III. Bid Data Sheet

## Notes on the Bid Data Sheet

The Bid Data Sheet (BDS) consists of provisions that supplement, amend, or specify in detail, information, or requirements included in the ITB found in Section II, which are specific to each procurement.

This Section is intended to assist the Procuring Entity in providing the specific information in relation to corresponding clauses in the ITB and has to be prepared for each specific procurement.

The Procuring Entity should specify in the BDS information and requirements specific to the circumstances of the Procuring Entity, the processing of the procurement, and the bid evaluation criteria that will apply to the Bids. In preparing the BDS, the following aspects should be checked:

- a. Information that specifies and complements provisions of the ITB must be incorporated.
- b. Amendments and/or supplements, if any, to provisions of the ITB as necessitated by the circumstances of the specific procurement, must also be incorporated.

# **Bid Data Sheet**

ITB	
Clause	
5.3	For this purpose, contracts similar to the Project shall be:
	a. Supply/Delivery and Installation of Completion of Library Modernization Project - State of the Art Library Facilities
	b. completed within <i>Two (2) Years</i> prior to the deadline for the submission and receipt of bids.
7.1	Not Applicable
12	The price of the Goods shall be quoted DDP [state place of destination] or the applicable International Commercial Terms (INCOTERMS) for this Project.
14.1	<ul> <li>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</li> <li>a. The amount of not less than <i>Php [Indicate the amount equivalent to two percent (2%) of ABC]</i>, if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or</li> <li>b. The amount of not less than <i>Php [Indicate the amount equivalent to five percent (5%) of ABC]</i> if bid security is in Surety Bond.</li> </ul>
19.3	Not Applicable
20.2	[List here any licenses and permits relevant to the Project and the corresponding law requiring it.]
21.2	[List here any additional contract documents relevant to the Project that may be required by existing laws and/or the Procuring Entity.]

# Section IV. General Conditions of Contract

### **Notes on the General Conditions of Contract**

The General Conditions of Contract (GCC) in this Section, read in conjunction with the Special Conditions of Contract in Section V and other documents listed therein, should be a complete document expressing all the rights and obligations of the parties.

Matters governing performance of the Supplier, payments under the contract, or matters affecting the risks, rights, and obligations of the parties under the contract are included in the GCC and Special Conditions of Contract.

Any complementary information, which may be needed, shall be introduced only through the Special Conditions of Contract.

#### **1.** Scope of Contract

This Contract shall include all such items, although not specifically mentioned, that can be reasonably inferred as being required for its completion as if such items were expressly mentioned herein. All the provisions of RA No. 9184 and its 2016 revised IRR, including the Generic Procurement Manual, and associated issuances, constitute the primary source for the terms and conditions of the Contract, and thus, applicable in contract implementation. Herein clauses shall serve as the secondary source for the terms and conditions of the Contract.

This is without prejudice to Sections 74.1 and 74.2 of the 2016 revised IRR of RA No. 9184 allowing the GPPB to amend the IRR, which shall be applied to all procurement activities, the advertisement, posting, or invitation of which were issued after the effectivity of the said amendment.

Additional requirements for the completion of this Contract shall be provided in the **Special Conditions of Contract (SCC).** 

#### 2. Advance Payment and Terms of Payment

- 2.1. Advance payment of the contract amount is provided under Annex "D" of the revised 2016 IRR of RA No. 9184.
- 2.2. The Procuring Entity is allowed to determine the terms of payment on the partial or staggered delivery of the Goods procured, provided such partial payment shall correspond to the value of the goods delivered and accepted in accordance with prevailing accounting and auditing rules and regulations. The terms of payment are indicated in the **SCC**.

#### **3.** Performance Security

Within ten (10) calendar days from receipt of the Notice of Award by the Bidder from the Procuring Entity but in no case later than prior to the signing of the Contract by both parties, the successful Bidder shall furnish the performance security in any of the forms prescribed in Section 39 of the 2016 revised IRR of RA No. 9184.

#### 4. Inspection and Tests

The Procuring Entity or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Project specifications at no extra cost to the Procuring Entity in accordance with the Generic Procurement Manual. In addition to tests in the **SCC**, **Section IV** (**Technical Specifications**) shall specify what inspections and/or tests the Procuring Entity requires, and where they are to be conducted. The Procuring Entity shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

All reasonable facilities and assistance for the inspection and testing of Goods, including access to drawings and production data, shall be provided by the Supplier to the authorized inspectors at no charge to the Procuring Entity.

#### 5. Warranty

- 6.1. In order to assure that manufacturing defects shall be corrected by the Supplier, a warranty shall be required from the Supplier as provided under Section 62.1 of the 2016 revised IRR of RA No. 9184.
- 6.2. The Procuring Entity shall promptly notify the Supplier in writing of any claims arising under this warranty. Upon receipt of such notice, the Supplier shall, repair or replace the defective Goods or parts thereof without cost to the Procuring Entity, pursuant to the Generic Procurement Manual.

#### 6. Liability of the Supplier

The Supplier's liability under this Contract shall be as provided by the laws of the Republic of the Philippines.

If the Supplier is a joint venture, all partners to the joint venture shall be jointly and severally liable to the Procuring Entity.

# Section V. Special Conditions of Contract

### Notes on the Special Conditions of Contract

Similar to the BDS, the clauses in this Section are intended to assist the Procuring Entity in providing contract-specific information in relation to corresponding clauses in the GCC found in Section IV.

The Special Conditions of Contract (SCC) complement the GCC, specifying contractual requirements linked to the special circumstances of the Procuring Entity, the Procuring Entity's country, the sector, and the Goods purchased. In preparing this Section, the following aspects should be checked:

- a. Information that complements provisions of the GCC must be incorporated.
- b. Amendments and/or supplements to provisions of the GCC as necessitated by the circumstances of the specific purchase, must also be incorporated.

However, no special condition which defeats or negates the general intent and purpose of the provisions of the GCC should be incorporated herein.

### GCC Clause 1 [List here any additional requirements for the completion of this Contract. The following requirements and the corresponding provisions may be deleted, amended, or retained depending on its applicability to this Contract:] **Delivery and Documents –** For purposes of the Contract, "EXW," "FOB," "FCA," "CIF," "CIP," "DDP" and other trade terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of INCOTERMS published by the International Chamber of Commerce, Paris. The Delivery terms of this Contract shall be as follows: [For Goods supplied from abroad, state:] "The delivery terms applicable to the Contract are DDP delivered [indicate place of destination]. In accordance with **INCOTERMS.**" [For Goods supplied from within the Philippines, state:] "The delivery terms applicable to this Contract are delivered [indicate place of destination]. Risk and title will pass from the Supplier to the Procuring Entity upon receipt and final acceptance of the Goods at their final destination." Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in Section VI (Schedule of Requirements). For purposes of this Clause the Procuring Entity's Representative at the Project Site is [indicate name(s)]. Incidental Services – The Supplier is required to provide all of the following services, including additional services, if any, specified in Section VI. Schedule of Requirements: Select appropriate requirements and delete the rest. a performance or supervision of on-site assembly and/or start-up of the supplied Goods; b.furnishing of tools required for assembly and/or maintenance of the supplied Goods; c.furnishing of a detailed operations and maintenance manual for each appropriate unit of the supplied Goods; d.performance or supervision or maintenance and/or repair of the supplied Goods, for a period of time agreed by the parties, provided that this service shall not relieve the Supplier of any warranty obligations under this Contract; and

## **Special Conditions of Contract**

<ul> <li>e.training of the Procuring Entity's personnel, at the Supplier's plant and/or on-site, in assembly, start-up, operation, maintenance, and/or repair of the supplied Goods.</li> <li>f. [Specify additional incidental service requirements, as needed.]</li> <li>The Contract price for the Goods shall include the prices charged by the Supplier for incidental services and shall not exceed the prevailing rates charged to other partice by the Supplier for similar services.</li> </ul>
to other parties by the Supplier for similar services.
Spare Parts –
The Supplier is required to provide all of the following materials, notifications, and information pertaining to spare parts manufactured or distributed by the Supplier:
Select appropriate requirements and delete the rest.
a. such spare parts as the Procuring Entity may elect to purchase from the Supplier, provided that this election shall not relieve the Supplier of any warranty obligations under this Contract; and
b. in the event of termination of production of the spare parts:
i.advance notification to the Procuring Entity of the pending termination, in sufficient time to permit the Procuring Entity to procure needed requirements; and
ii.following such termination, furnishing at no cost to the Procuring Entity, the blueprints, drawings, and specifications of the spare parts, if requested.
The spare parts and other components required are listed in Section VI (Schedule of Requirements) and the cost thereof are included in the contract price.
The Supplier shall carry sufficient inventories to assure ex-stock supply of consumable spare parts or components for the Goods for a period of [indicate here the time period specified. If not used indicate a time period of three times the warranty period].
Spare parts or components shall be supplied as promptly as possible, but in any case, within [ <i>insert appropriate time period</i> ] months of placing the order.

Packaging –
The Supplier shall provide such packaging of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in this Contract. The packaging shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packaging case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.
The packaging, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements, if any, specified below, and in any subsequent instructions ordered by the Procuring Entity.
The outer packaging must be clearly marked on at least four (4) sides as follows:
Name of the Procuring Entity Name of the Supplier Contract Description Final Destination Gross weight
Any special lifting instructions Any special handling instructions Any relevant HAZCHEM classifications
A packaging list identifying the contents and quantities of the package is to be placed on an accessible point of the outer packaging if practical. If not practical the packaging list is to be placed inside the outer packaging but outside the secondary packaging.
Transportation –
Where the Supplier is required under Contract to deliver the Goods CIF, CIP, or DDP, transport of the Goods to the port of destination or such other named place of destination in the Philippines, as shall be specified in this Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
Where the Supplier is required under this Contract to transport the Goods to a specified place of destination within the Philippines, defined as the Project Site, transport to such place of destination in the Philippines, including insurance and storage, as shall be specified in this Contract, shall be arranged by the Supplier, and related costs shall be included in the contract price.

	Where the Supplier is required under Contract to deliver the Goods CIF, CIP or DDP, Goods are to be transported on carriers of Philippine registry. In the event that no carrier of Philippine registry is available, Goods may be shipped by a carrier which is not of Philippine registry provided that the Supplier obtains and presents to the Procuring Entity certification to this effect from the nearest Philippine registry are available but their schedule delays the Supplier in its performance of this Contract the period from when the Goods were first ready for shipment and the actual date of shipment the period of delay will be considered force majeure.
	The Procuring Entity accepts no liability for the damage of Goods during transit other than those prescribed by INCOTERMS for DDP deliveries. In the case of Goods supplied from within the Philippines or supplied by domestic Suppliers risk and title will not be deemed to have passed to the Procuring Entity until their receipt and final acceptance at the final destination.
	Intellectual Property Rights –
	The Supplier shall indemnify the Procuring Entity against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof.
2.2	[If partial payment is allowed, state] "The terms of payment shall be as follows: " (Not Applicable)
4	The inspections and tests that will be conducted are: <i>quality, durability and functionality</i> .

# 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.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months

# Notes for Preparing the Technical Specifications

A set of precise and clear specifications is a prerequisite for Bidders to respond realistically and competitively to the requirements of the Procuring Entity without qualifying their Bids. In the context of Competitive Bidding, the specifications (*e.g.* production/delivery schedule, manpower requirements, and after-sales service/parts, descriptions of the lots or items) must be prepared to permit the widest possible competition and, at the same time, present a clear statement of the required standards of workmanship, materials, and performance of the goods and services to be procured. Only if this is done will the objectives of transparency, equity, efficiency, fairness, and economy in procurement be realized, responsiveness of bids be ensured, and the subsequent task of bid evaluation and post-qualification facilitated. The specifications should require that all items, materials and accessories to be included or incorporated in the goods be new, unused, and of the most recent or current models, and that they include or incorporate all recent improvements in design and materials unless otherwise provided in the Contract.

Samples of specifications from previous similar procurements are useful in this respect. The use of metric units is encouraged. Depending on the complexity of the goods and the repetitiveness of the type of procurement, it may be advantageous to standardize the General Technical Specifications and incorporate them in a separate subsection. The General Technical Specifications should cover all classes of workmanship, materials, and equipment commonly involved in manufacturing similar goods. Deletions or addenda should then adapt the General Technical Specifications to the particular procurement.

Care must be taken in drafting specifications to ensure that they are not restrictive. In the specification of standards for equipment, materials, and workmanship, recognized Philippine and international standards should be used as much as possible. Where other particular standards are used, whether national standards or other standards, the specifications should state that equipment, materials, and workmanship that meet other authoritative standards, and which ensure at least a substantially equal quality than the standards mentioned, will also be acceptable. The following clause may be inserted in the Special Conditions of Contract or the Technical Specifications.

# Sample Clause: Equivalency of Standards and Codes

Wherever reference is made in the Technical Specifications to specific standards and codes to be met by the goods and materials to be furnished or tested, the provisions of the latest edition or revision of the relevant standards and codes shall apply, unless otherwise expressly stated in the Contract. Where such standards and codes are national or relate to a particular country or region, other authoritative standards that ensure substantial equivalence to the standards and codes specified will be acceptable.

Reference to brand name and catalogue number should be avoided as far as possible; where unavoidable they should always be followed by the words "*or at least equivalent*." References to brand names cannot be used when the funding source is the GOP.

Where appropriate, drawings, including site plans as required, may be furnished by the Procuring Entity with the Bidding Documents. Similarly, the Supplier may be requested to provide drawings or samples either with its Bid or for prior review by the Procuring Entity during contract execution.

Bidders are also required, as part of the technical specifications, to complete their statement of compliance demonstrating how the items comply with the specification.

Item	Specification	Statement of Compliance
		[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.]

ltem	Specification	Statement of Compliance
	Completion of Library Modernization Project	
	(State of the Art Library Facilities)	
	(Supply, Delivery and Installation)	
	Bid No. 22-08-616	
	Total ABC - ₽ 7,584,396.80	

		LOT 1 : Supply and Delivery of Additional Vertical Tripod TURNSTILE (RFID) with Railings& Installation (for 3rd Floor Library Entrance)	
		(101 Stu Floor Library Entrance)	
1	1 Lot	Vertical Tripod TURNSTILE (RFID) with Railings	
1	1 LOI	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	
		(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 2 : Supply and Delivery of PABX System with Installation and Augmentation of Structured Cabling	
1	1 unit	PABX System	
		6 CO Trunkline	
		16 SLT Phone	
2	1 unit	Proprietary Phone compatible for PABX System	
		• 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	
		Basic ITS; Wall Mountable; Volume Control; One Touch Redial	

4	1 Lot	Augmentation of the Structured Cabling (101 nodes)	
		• 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 4in x 8in x 8in (10 pcs)	
		• PVC Clamps (1000 pcs)	
		• PVC Moulding 1" (150 length)	
		• 48 Port Cat 6 Patch Panel (3 pcs)	
		• IDF Box 6U (1 pc)	
		Labor Cost (1 Lot)	
		Please see separate sheet for the Specifications and Layout of the	
		Augmentation of the Structured Cabling	
5		Labor Cost, Materials, Installation and Configuration (Lot 2)	
		LOT 3 : Supply and Delivery of IT Equipment with Installation	
1	1 Lot	Data Center :	
		Server	
		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-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	
		• 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	
		• 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 field-replaceable, hot-swappable power supply slots	
		Memory and Flash: 8 GB DDR4 32 GB eMMC	
3	3 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	
		• External I/O Ports48x ports 10/100/1000BASE-T ports 4x 1G/10G SFP ports	
		• Latency1 Gbps: 1.9 μSec , 10 Gbps: 1.8 μSec	
		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 (Gigabit)	
		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	
5	12 sets	Indoor Access Point	
		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	
		Controller capable of the 12 indoor access point offered	
		Maximum concurrent users/devices: 1024	
		Maximum VLANS: 4096	

		Concurrent GRE Tunnels: 256	
		Concurrent Ipsec sessions: 1024	
		Concurrent SSL Sessions: 1024	
7	1 units	Interactive Digital Board TV with Android 55 inches	
		(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	
	1	Key Feature (Hardware):	
	1	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)	
$60ms \downarrow (Android) / 100ms \downarrow (Windows)$	
• 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	

8	2 units	Smart TV 55 inches (with wall mounting bracket)	
		• 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)	
		Picture processor	
		Cognitive Processor XR	
		Sensor Light	
		Video signal support	
		• HDMI <sup>TM</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)	
		• 1(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>	
		Application Store: Yes (Google Play Store)	
		Auto Calibration with CalMAN®: Yes	
		Built-in Mic Switch: Yes	
		With Free Wall Mounting Bracket	
9	15 units	Branded Desktop Computer for E-Library and Service Areas	
		• 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 and	
		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; Others USB Type A 1 (For Wireless LAN,
	Firmware Update, Copy OSD Settings); 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 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
11	Labor Cost, Materials, Installation and Configuration (Lot 3)
	Lot 4 : Supply and Delivery of Furniture and Fixtures of the Library with Installation

1	4 sets	Modular Sofa
		Description: Modular Seating
		Dimension: W200xD55 cm
		Cover: Leatherette; Foam: Uratex
2	6 sets	Four Seater Modular Table
		Leg: Metal Black Frame
		Table Top: MFC Board
		With 4 pieces Clerical Chairs with arm rest

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

4	1 set	Periodical Display Shelves with Glass Panels in front
		Shelving with drawer panels
		Dimension: W-2620 D-460 H-2180
5	1 set	Periodical Display Shelves with Glass Panels in front
		Shelving with drawer panels
		Dimension: W-2620 D-460 H-2180

6	1 set	Periodical and Reception Counter (Front)
		With Shelving and Drawers
		Dimension: W-5600 D-650 H-1600
7	1 set	Periodical and Reception Counter (Side)
		With Shelving, Drawers and Swing Door
		Dimension: W-3800 D-650 H-1600

8	7 sets	Two Seater Modular Table
		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	Lounge Sofa Set
		Dimension: W-1780 D-820 H-800mm
		Cover: Leatherette Touch
		Material: Flex Foam

### TERMS OF REFERENCE COMPLETION OF THE LIBRARY MODERNIZATION PROJECT (State of the Art Library Facilities)

### I. Project Description

With the implementation in 2019 and 2020 of the state-of-the-art, modern library learning environment or learning commons that includes the 2<sup>nd</sup> and the 3<sup>rd</sup> floor exterior and interior renovation, the university library is envisioned as a place for end-to-end learning, i.e., consuming and digesting information, creating and sharing new knowledge. It is where the multi-literacy of learners is developed and promoted through access to print, digital, and multimedia collections, and where library employees and educators are continuously working together to promote and nurture confident literate students that foster and allow profound thinking and creativity. It offers room for users to create, develop and foster a passion for books and reading across various formats. The modern library is a dynamic, transformative learning center providing an atmosphere that is welcoming, vibrant and culturally inclusive. It provides seamless access to information resources, apps, advice and support to the classroom, home and mobile devices 24/7.

The library's interior design provide spaces to: (1) enable learning to be demonstrated by students participating, reading, watching, publishing, creating, researching, performing in groups or individually; (2) enable learning through engagement with knowledge, guided by teachers and library staff, using tools and resources made available by library; (3) make good use of the freedom that ubiquitous Wi-Fi mobile devices deliver, allowing creativity in the design of physical space; (4) be flexible that can be adapted for individual, small or large group with acoustic considerations. This will allow students to work individually, to reflect, as well as collaborate on projects, and discuss and share ideas; (5) promote, support, encourage and enhance students' love of reading; (6) encourage active learning with formal and informal areas, comfortable seating for reading, reflecting, participating, and facilitate bring your own device learning with group areas that encourage teaching, learning and sharing; (7) have well designed areas for collections that support literacy, lifelong learning and the curriculum; and (8) have interiors designed using modular, flexible, multi-use furniture with power sources installed everywhere and offer charging for mobile learning devices.

### II. Provision of the State-of-the-Art Library Facilities

It is hereby proposed that a total budget of Php 7,584,396.80 be allocated for the Provision of the State-of-the-Art Facilities and Equipment: The Library Technology Integration Project. The application of evolving technologies is evidenced by modernization, transformation and decentralization. With so many rapid changes occurring in technology and social media, librarians need more than ever to preserve their position as technology leaders. That doesn't necessarily imply they need to be new tech's first adopters, but to be the most efficient technologies' early consumers. There is also an evident movement of reference into virtual wherein there is a need of providing user access to full text content stored remotely from the library. A transformation of library resources that requires efficient an effective technology network due to this transition vis-à-vis on the application of learning, a user centered technology.

To encourage learning connections in both academic and recreational pursuits, the library collection and technology integration serves as a tool to foster a collaborative learning environment where students are asked to engage actively in their learning. Through curricular connections and trusting relationships students are able to think, create, share, and grow. Moving from automating employees and backroom functions to delivering direct services to end customers through technology and reducing or, in some cases, eliminating geography and time obstacles and limits. IT is a means to an end, not the end in itself. It is a tool to improve efficiencies and to increase effectiveness.

### III. Objective

- 1. To make CEBU NORMAL UNIVERSITY LIBRARY as one of the most efficient and effective library operations in the whole Philippines.
- 2. To establish seamless technology integration in library operation through stable network, well-establish data center and security, automated book borrowing and return, RFID environment, access door implementation as well as multimedia implementation.
- 3. To develop a 24/7/365 access and availability
- 4. To provide furniture and fixtures for the library.
- 5. Reduce staff mediation and replace with end user empowerment
- 6. Increase productivity for both users and staff

#### IV. Scope of Work

### **COMPLETION OF LIBRARY MODERNIZATION** (State of the Art Library Facilities) DELIVER, SUPPLY AND INSTALL

### V. Project Location

The project is located at the Cebu Normal University Main Campus, Osmeña Boulevard, Cebu City, Cebu, Philippines.

#### VI. Total Project Cost

The allocated cost of the project is ₱ 7,584,396.80 charged to GAA – Continuing Capital Outlay which includes the following:

COMPLETION OF LIBRARY MODERNIZATION PROJECT (State of Art Library Facilities) DELIVER, SUPPLY AND INSTALL				
Lot #	Details	Total Amount		
Lot 1	Supply, Delivery & Installation of Additional Vertical Tripod TURNSTILE (RFID) with Railings (for 3rd Floor Library Entrance)	₱ 500,000.00		
Lot 2	Supply and Delivery of PABX System with Installation and Augmentation of Structured Cabling	₱ 440,000.00		
Lot 3	Supply and Delivery of IT Equipment with Installation	₱ 4,387,896.80		
Lot 4	Supply and Delivery of Furniture and Fixtures of the Library with Installation	₱ 2,256,500.00		
	Overall Total P 7,584,396			

### VII. Implementation Period

Proposed Start Date:	September 2022
Target Completion Date:	December 2022
Total No. of Days:	30 Calendar Days

### VIII. Intended Beneficiaries

The following are the intended beneficiaries of the project:

- Students (Basic Education, Undergraduate and Graduate Studies)
- Faculty Members
- Administrative Staff
- Off Campus Researchers
- Online Community (Remote Access Users)
- Library Personnel

### IX. Project Components / Specifications

The project has four components namely:

- 1 LOT Supply, Delivery & Installation of Additional Vertical Tripod TURNSTILE (RFID) with Railings (for 3rd Floor Library Entrance);
- 1 LOT Supply and Delivery of PABX System with Installation and Augmentation of Structured Cabling;
- 1 LOT Supply and Delivery of IT Equipment with Installation
- 1 LOT Supply and Delivery of Furniture and Fixtures of the Library with Installation

### Please check Section VII. Technical Specifications

### Vendor's Qualifications

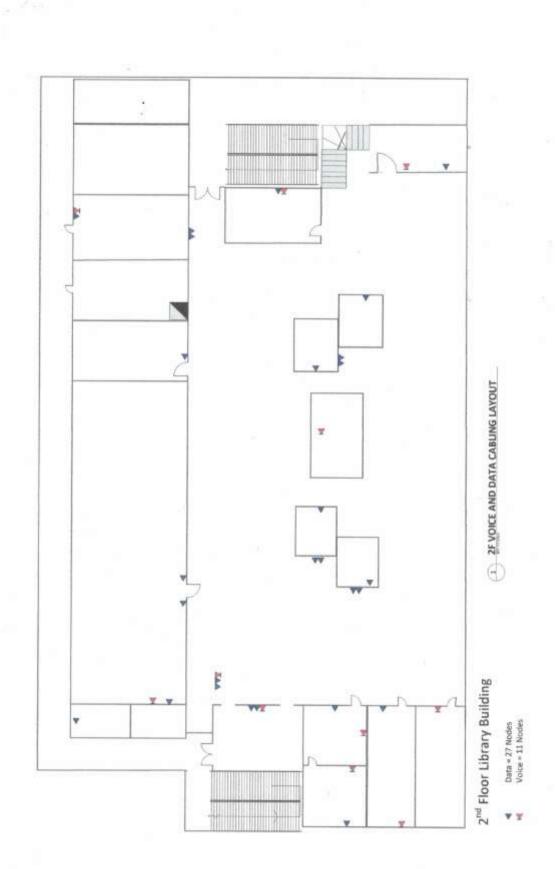
- Certified Data Center Specialist (CDCS)
- Tier 1 partner of enterprise network and collaboration solution vendors
- Entry and professional level networking certifications for engineers <CCNA and CCNP>
- Certified cabling installer and designer
- Maintaining 24x7 helpdesk facility reachable via SMS, phone and email (especially for Lot 3 winning bidder)
- Internal project management office (PMO) to oversee project undertakings
- At least 10 pool of engineers in Cebu province

### Lot 1 - Supply, Delivery & Installation of Additional Vertical Tripod TURNSTILE (RFID) with Railings (for 3rd Floor Library Entrance)

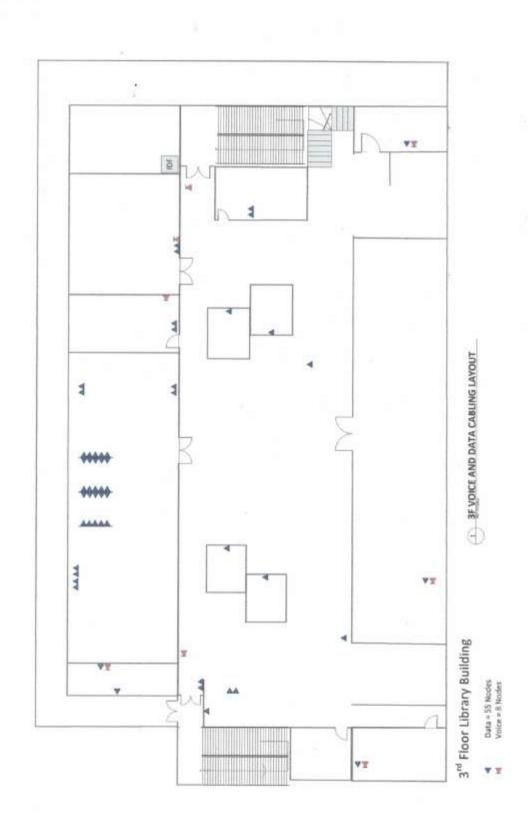
#### Specifications:

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 (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. C3-100 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.





2<sup>nd</sup> Floor Library Voice and Data Cabling Layout



# 3<sup>rd</sup> Floor Library Voice and Data Cabling Layout

Item Description	Qty	Unit	Unit Price	Total Amount
1 Port Ethernet Wall Plate	15	pcs	236	3,540.00
2 Port Ethernet Wall Plate	86	pcs	236	20,296.00
PVC Surface Mount Type Utility Box Electrical Box for Switches & Outlet with Tox/Screw	101	pcs	250	25,250.00
Information Outlet I/O Port Tool Less	101	pcs	150	15,150.00
Cat 6 Ethernet Cable 300M per box	20	box	5,650.00	113,000.00
3/4 Electrical conduit	200	length	150	30,000.00
Metal Pull Box 4in x 8in x 8in	10	pcs	800	8,000.00
PVC Clamps	1000	pcs	2	2,000.00
PVC Moulding 1"	150	length	150	22,500.00
48 Port Cat 6 Patch Panel	3	pcs	2,450.00	7,350.00
IDF Box 6U	1	pcs	5,500.00	5,500.00
Labor Cost	1	Lot	127,414.00	127,414.00
Augmentation of the Library Structured Cabling (101 Nodes)			TOTAL	₱380,000.00

## Augmentation of the Structured Cabling (101 Nodes)

### Workload Schedule (Labor Cost) for Lot 3 (Supply and Delivery of PABX System with Installation and Augmentation of Structured Cabling)

Labor Cost (Project Duration: 25 days)

- 1 Network Engineer @ P 1,548.28 per day =
- 1 Team Leader Cabling @ P 1,048.28 per day = ₱ 26
- 2 Cable Installer @ P 750.00 per day =
- 2 Cable Assistant @ P 500 per day =

₽	26,207.00
₽	37,500.00
₽_	25,000.00

₽ 38,707.00

₱ 127,414.00

### Workload Schedule (Labor Cost) for Lot 4 (Supply and Delivery of IT Equipment with Installation)

Labor Cost (Project Duration: 30 days)		
1 Network Engineer @ P 1,548.28 per day =	₽	46,448.40
1 Team Leader Cabling @ P 1,048.28 per day =	₽	31,448.40
2 Cable Installer @ P 750.00 per day =	₽	45,000.00
2 Cable Assistant @ P 500 per day =		30,000.00
	₽	152,896.80

REPUBLIC OF THE PHILIPPINES ) CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

- [Select one, delete the other:]
   [If a sole proprietorship:] I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];
   [If a partnership, corporation, cooperative, or joint venture:] I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];
- 2. [Select one, delete the other:]
  - [If a sole proprietorship:] As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

[If a partnership, corporation, cooperative, or joint venture:] I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

- 3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;
- 4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
- 5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;
- 6. [Select one, delete the rest:]

[If a sole proprietorship:] The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a partnership or cooperative:] None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

[If a corporation or joint venture:] None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

- 7. [Name of Bidder] complies with existing labor laws and standards; and
- 8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
- 9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.
- 10. In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.
- IN WITNESS WHEREOF, I have hereunto set my hand this \_\_\_\_ day of \_\_\_\_, 20\_\_\_ at \_\_\_\_, Philippines.

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE] [Insert signatory's legal capacity] Affiant [Jurat] [Format shall be based on the latest Rules on Notarial Practice]

# Section VIII. Checklist of Technical and Financial Documents

# Notes on the Checklist of Technical and Financial Documents

The prescribed documents in the checklist are mandatory to be submitted in the Bid, but shall be subject to the following:

- a. GPPB Resolution No. 09-2020 on the efficient procurement measures during a State of Calamity or other similar issuances that shall allow the use of alternate documents in lieu of the mandated requirements; or
- b. Any subsequent GPPB issuances adjusting the documentary requirements after the effectivity of the adoption of the PBDs.

The BAC shall be checking the submitted documents of each Bidder against this checklist to ascertain if they are all present, using a non-discretionary "pass/fail" criterion pursuant to Section 30 of the 2016 revised IRR of RA No. 9184.

# **Checklist of Technical and Financial Documents**

## I. TECHNICAL COMPONENT ENVELOPE

### Class "A" Documents

### Legal Documents

- □ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages); or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,

<u>and</u>

- □ (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
   and
- ☐ (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

**Technical Documents** 

- □ (f) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; <u>and</u>
- □ (g) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents; and
- □ (h) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;

<u>or</u>

Original copy of Notarized Bid Securing Declaration; and

- ☐ (i) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; **and**
- (j) Original duly signed Omnibus Sworn Statement (OSS);
   and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

# Financial Documents

- □ (k) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; and
- $\square$  (1) The prospective bidder's computation of Net Financial Contracting

Capacity (NFCC);

<u>or</u>

A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

## Class "B" Documents

☐ (m) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;

<u>or</u>

duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

### Other documentary requirements under RA No. 9184 (as applicable)

- □ (n) [For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos] Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- □ (o) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

# 25 FINANCIAL COMPONENT ENVELOPE

- $\Box$  (a) Original of duly signed and accomplished Financial Bid Form; <u>and</u>
- $\Box$  (b) Original of duly signed and accomplished Price Schedule(s).

