

Republic of the Philippines
University of the Philippines Mindanao
Mintal, Tugbok District, Davao City

October 6, 2023

BID BULLETIN NO. 01
Construction of UP Mindanao NICER Temporary
Building (PBM 2023-22)

Please be advised on the clarifications stated below to the requirements specified in the Bidding Documents issued for the above-mentioned project:

- 1. Minimum major equipment requirement:**
No minimum equipment requirement is needed for as long as the supplier can deliver, install and set-up the prefabricated container vans. Equipment required can be verified upon actual site inspection.
- 2. Key Personnel:**
The bidder must have the following professionals during the project and warranty duration:
 - a. **Full-time Project Manager**, or its equivalent
 - b. **One Licensed Electrical Engineer, one Licensed Electronics & Communications Engineer, and one Certified Data Center Professional**The bidder warrants to employ a licensed/certified personnel when the project is awarded. The bidder should submit the name of the person and the license/certifications during the post-qualification. Must have a certificate of employment or contract of services during the start of project and warranty duration. Any changes of personnel at the start and during the project duration must be consulted and approved by the end user.
- 3. Size of Container Van**
Contractor to submit Request for Approval (RFA) form, as per Terms of Reference (TOR) Part VI, 2.0. Annex 2., to be endorsed by the Campus Planning and Development Office (CPDO) and for approval by the End-user. The editable EXCEL file will be given to the contractor along with the Issuance of the Permit to Construct.
- 4. Insulation material**
Contractor to submit Request for Approval (RFA) form, as per Terms of Reference (TOR) Part VI, 2.0. Annex 2., to be endorsed by the Campus Planning and Development Office (CPDO) and for approval by the End-user. The editable EXCEL file will be given to the contractor along with the Issuance of the Permit to Construct.
- 5. Terms of Reference (TOR), Part 9.0 Construction Duration**
From 240 calendar days to 30 calendar days.
- 6. Additional Fiber Optic Backbone Cabling Installation from CSM data center to NICER data cabinet**
 - a. Supply and installation of PVC pipes, connectors, and other supports necessary for fiber optic cable pathways.
 - b. Supply and cable pulling of 12-core, Figure 8, Fiber Optic Cable, Singlemode

- from MDF @ CSM Building Data Center to the proposed IDF @ NICER Data Cabinet Building as backbone cabling.
- c. Supply and installation of data cabinet, fiber trays, fiber adapters, fiber patch cords, pigtails, and other accessories to its proposed locations.
- d. Termination, testing, and documentation.

Data Center Equipment and Fiber Optic Cabling from CSM Data center to NICER data cabinet

DESCRIPTION	QTY.	UNIT
12-core Fiber Optic Cable, Single Mode, Fig 8, Outdoor Rated.	150	meters
Rackmount Fiber Tray Enclosure	2	unit/s
LC Fiber Adapter Panel Loaded with 6 LC Duplex Adapters, Singlemode	4	pcs
Blank Fiber Adapter Panel	4	pcs
3M, Fiber Patch Cord, LC-LC, Duplex, Singlemode	4	pcs
1M, LC to Fiber Pigtail, Singlemode	25	pcs
Fiber Protective Sleeve	25	pcs
Buffer Tube	0.5	roll
24RU Floor Standing Data Cabinet, 1M depth (for NICER IDF)	1	unit/s
Labor Cost – Roughins, FOC Layout, Pulling & Installation	1	lot
FOC Termination, OTDR Testing, As-built Plan & Documentation	1	lot
Aruba 24 PORTS POE Gigabit Switch with SFP and must be compatible with existing ARUBA switch of the University	1	unit/s
Aruba POE Wireless Access Point must be compatible with existing ARUBA controller (model 7205) and Aruba switch of the University	2	unit/s
1 Gbe SFP Transceivers for Single Mode Fiber (must be compatible with Aruba Switch of the university) and the switch in this project	2	unit/s
Labor/Service for supply, installation, configuration, testing, documentation and training for the Aruba 24 PORTS POE Gigabit Switch, Aruba POE Wireless Access Point and 1 Gbe SFP Transceivers	1	lot

7. Deductive Auxiliary Works in the Bill of Quantities

10.0 Electronics and Communication Works

10.1 Data, Voice and Wireless Access Point Systems

10.1.1 PABX and Accessories

IP PBX Up to 20 user

2FXO Module

10.2 Routers, Switches and Access points

10.2.1 Wireless Solutions

802.11ac Dual Radio Access Point

10.2.2 Routers and Switches

Switch with SFP

5-port Gigabit Router with POE port

24-Port Gigabit Managed Smart Switch with 4 Dual-Speed SFP; with console port, Int

Wireless Management Switch with 24 GE PoE + 4 GE SFP IEEE802.3at/af, 370w PoE

10.3 Data Cabinet and Accessories

10.3.1 Data Cabinets

15U / 30.75" Wall Mount Close Type Cabinet

RS Pro Steel Wall Box, IP66, 210mm x 600 mm x 400 mm

Convert all CAT5E cables, accessories, and devices to CAT6.
CAT 5E UTP 24-Port Patch Panel, Loaded
CAT 5E, Patch Cord, UTP, 1M, Grey
CAT 5E, Patch Cord, UTP, 2M, Grey
Outlet - Dual CAT6 and CAT5E Connector
Schneider Digilink CAT 5E 4-Pair UTP Cable, 305m per roll

In addition, the scheduled *Site Inspection* will be on *October 9, 2023, 9:00 A.M.*, at the *Atrium, Administration Building, UP Mindanao, Mintal, Davao City*. Please look for *Ar. Oliver Telmo*.

For guidance of all concerned.


PROF. MARIA STELLA R. SALAZAR
Chair, Bids and Awards Committee for Infrastructure

Received by the bidder:

Signature over printed name/Date received