



University of Science and Technology of Southern Philippines

Alubijid | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon

BID FORM

NAME OF THE PROJECT : **Proposed Procurement for the Supply, Delivery, Installation, Commissioning and Monitoring of an Air Handling Unit System located at 6th Floor of New Ward Building of Northern Mindanao Medical Center**

APPROVED BUDGET OF CONTRACT : **TWO MILLION FOUR HUNDRED THIRTY ONE THOUSAND TWO HUNDRED AND 00/100 (P2,431,200.00) ONLY**

BRIEF DESCRIPTION : **Supply, Delivery, Installation, Commissioning and Monitoring of an Air Handling Unit System located at 6th Floor of New Ward Building of Northern Mindanao Medical Center**

SOURCE OF FUND : **IGI FY 2022**

CONTRACT DURATION : **One Hundred Fifty (150) calendar days**

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
1	AIR HANDLING UNIT AND SUPPORT			2,431,200.00	P	P
1.1	Supply Air Handling Unit (Zone 1) - 7500 CFM Volume Flow Rate, Centrifugal type, Supply Unit - Minimum pressure loss of 0.1 in. of water per 100 ft. Variable Frequency Drive	1	set			
1.2	Supply Air Handling Unit (Zone 2) - 3000 CFM Volume Flow Rate, Centrifugal type, Supply Unit - Minimum pressure loss of 0.1 in. of water per 100 ft. Variable Frequency Drive	1	set			
1.3	Exhaust Air Handling Unit - 10500 CFM Volume Flow Rate, Centrifugal type, Exhaust Unit - Minimum pressure loss of 0.1 in. of water per 100 ft. Variable Frequency Drive	1	set			
1.4	Catwalk Support for Exhaust Units - Reinforced Steel Bar, Angle Bar, Black Iron Pipe, See attached drawing for more details - Dimension depends on the size of the air handling units	1	set			
1.5	Catwalk Support for Supply Units - Reinforced Steel Bar, Angle Bar, Black Iron Pipe, See attached drawing for more details - Dimension depends on the size of the air handling units	1	set			
2	DUCTING AND FITTING WITH BAFFLES					
2.1	Supply Main Ducts (Zone 1) - 2.6 ft by 2.6 ft square Duct Gauge 18, Galvanized Steel Sheet (see attached design for duct length)	1	Lot			
2.2	Supply Main Ducts (Zone 2) - 1.8 ft by 1.8 ft square Duct Gauge 20, Galvanized Steel Sheet (see attached design for duct length)					

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
2.3	Exhaust Main Ducts 3.5 ft by 3.5 ft square Duct Gauge 20, Galvanized Steel Sheet (see attached design for duct length)					
2.4	Branch Ducts - 1 ft by 1 ft square Duct Gauge 24, Galvanized Steel Sheet (see attached design for duct length)					
2.5	Supply Riser Ducts - 1 ft by 1 ft square Duct Gauge 24, Galvanized Steel Sheet (see attached design for duct length)					
2.6	Exhaust Riser Ducts - Gauge 24, Rectangular Duct, Galvanized Steel Sheet, See detailed sizing for different rooms (see attached design for duct length)					
2.7	Baffles in Main Ducts -Welded baffles for a length of 1 meter in the ducts (see attached design for duct length)					
3	DUCTING SUPPORTS					
3.1	Main Duct Supports -Angle Bar, See attached design for details - Location of supports depend on the structural support of the building	1	Lot			
3.2	Branch Duct Supports -Angle Bar, See attached design for details - Location of supports depend on the structural support of the building					
4	UV-C FILTER					
4.1	Supply Line UV-C Filter - Complement air handling unit specifications and duct design	2	Sets			
4.2	Exhaust Line UV-C Filter - Complement air handling unit specifications and duct design	1	Set			
5	ICT EQUIPMENT AND DEVICES					
5.1	Monitoring Devices for each room -Monitoring and alarm system for pressure and air quality inside the room (1 per room, see attached design for more details) Air Quality Range: 0-9999 ppm with 1ppm resolution Pressure Range: Negative Pressure Reading with 1 psi max Pressure Device has provision for Automatic Damper Control	13	Sets			
5.2	Laptop for simulation and Monitoring -Intel Core i7 9th gen, 16 GB RAM, 1 TB SSD, 6 GB NVIDIA Graphics, Card, 15.6 inches display, 1920x 1080 pixels, Windows 64 OS	1	Set			
7	GRILLES, DIFFUSERS AND DUMPERS					
7.1	Exhaust Grilles -Galvanized Square Grilles complement ducting design (see attached design for more details)	1	Lot			
7.2	Supply Diffusers -Galvanized Square Diffusers complement ducting design (see attached design for more details)					
7.3	Dampers -Mechanical Dampers complementing ducting design (see attached design for more details) - Damper for the two supply main ducts is automatic with control from pressure devices					

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8	ELECTRICAL WORKS					
8.1	Electrical Connection for Supply Units -Electrical Connection complementing Supply Air Handling Units	2	Sets			
8.2	Electrical Connection for Exhaust Units -Electrical Connection complementing Exhaust Air Handling Units	1	Set			
9	LABOR AND INSTALLATIONS					
9.1	Fabrication of Components -Fabrication of air handling components based on design and specifications	1	Lot			
9.2	Installation of Components -Installation of components based on design and specifications					
TOTAL: P						

Total Bid Price in Figure: _____

Total Bid Price in Words: _____

Name and Signature of Bidder: _____

All bid proposals must be sealed in envelopes properly labeled and submitted to this University on or before the deadline of submission of bids, **March 03, 2022, 09:30 A.M.** at the Procurement Services, 2nd Level Gymnasium Lobby, University of Science and Technology of Southern Philippines, C.M. Recto Ave., Lapasan Cagayan de Oro City.

The University of Science and Technology of Southern Philippines assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid. The USTsP neither assumes any obligation for whatsoever losses that the bidders may incur in the preparation on their bids nor guarantee that an award will be made.


ENGR. ALEX L. MAUREAL
 BAC IV Chairperson