	<b>MARIANO MARCOS STATE UNIVERSITY</b> Procurement Division		Document Code	PD-FRM-002
	<b>Request for Quotation (RFQ)</b> (Goods and Services)		Revision No.	4
			Effectivity Date	January 8, 2021

**REQUEST FOR QUOTATION (RFQ)**

Date: *04/12/2022*  
 PR No.: *2022-04-182 (05206441) Budget*

Sir/Madam:

Please quote your lowest price on the item/s listed below, and submit your quotation duly signed by you or your duly authorized representative not later than **3 days** subject to the Terms and Conditions provided at the last page of this RFQ.

Delivery period must be at least within 30 days upon receipt of the Notice to Proceed or Purchase Order.

For any clarification, you may email us at bac@mmsu.edu.ph.

*NATHANIEL R. ALIBUYOG*  
BAC Chair

ITEM	QTY	Unit	ITEM DESCRIPTION	ABC/unit	UNIT PRICE
	1	unit	Aircon Split Type Wall Mounted - VFD Type (Inverter) Cooling Capacity: Btu/h - 18,000 Kj/h - 18990 TR - 1.5  HP - 2.0 V/hz/ph - 220/60/1 With installation, electrical and other commissioning.	63,000.00	63,000.00

**TOTAL ESTIMATED BUDGET: 63,000.00**

REMARKS/NOTE:

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After having carefully read and accepted your Terms and Conditions, I/we submit our quotation/s on the item/s at prices indicated above.

Business Name: \_\_\_\_\_ Signature over Printed Name \_\_\_\_\_  
 Business Address: \_\_\_\_\_  
 Printed Name of the Owner: \_\_\_\_\_  
 TIN: \_\_\_\_\_  
 PhilGEPS Registration Number: \_\_\_\_\_ Date \_\_\_\_\_  
 Business Permit: \_\_\_\_\_  
 Omnibus Sworn Statement: \_\_\_\_\_  
 Annual Income Tax Return: \_\_\_\_\_

Canvassed by: \_\_\_\_\_

**TERMS AND CONDITIONS:**

1. Bidders shall provide correct and accurate information required in this form.
2. Bidders may quote for any or all of the items.
3. Bidders shall submit a copy of the following documents along with the Quotation:
  - a. Mayor's/Business Permit
  - b. Notarized Omnibus Sworn Statement (if ABC is more than P 50,000.00)
  - c. Income/Business Tax Return (if ABC is more than P 500,000.00)
4. Price quotation/s, to be denominated in Philippine peso, shall include all taxes, duties and/or levies payable.
5. Quotations exceeding the Approved Budget for the Contract shall be rejected.
6. Award of contract shall be made to the lowest quotation which complies with the minimum technical specifications and other terms and conditions stated herein.
7. Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by you or any of your duly authorized representative/s.
8. The item/s shall be delivered according to the requirements specified in the Technical Specifications.
9. The University has the right to inspect and/or test the goods to confirm their conformity to the technical specifications.
10. Liquidated damages equivalent to one tenth of one percent (0.1%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay.

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**MARIANO MARCOS STATE UNIVERSITY  
COOLING LOAD ESTIMATES**

Project: PROVISION OF SPLIT TYPE AIR CONDITIONING  
 Location: BUDGET OFFICE  
 Date: 6-Apr-22

**DESIGN CRITERIA: 2017 ASHRAE Handbook Fundamentals**

Outdoor Temp: Summer: 95.0 °F db; 82.4 °F wb; 60.0 %RH; ho= 38.70 btu/lb  
 Winter: - °F db; - °F wb; - %RH; hi= \_\_\_\_\_ btu/lb  
 Indoor Temp: Summer: 75.0 °F db; - °F wb; 55.0 %RH  
 Winter: - °F db; - °F wb; - %RH  
 Hottest Month: May Winter: ΔT = \_\_\_\_\_ °F  
 Summer: ΔT = 15.0 °F Δh = \_\_\_\_\_

Elevation above sea level: 26,248 feet  
 Air Density Ratio: \_\_\_\_\_  
 Air Density: 0.077 lb/ft³  
 Air Factor: - Btu/h/cfm-°F  
 Latitude: 18 N


**Basis for Design: 2017 ASHRAE Handbook Fundamentals**


Factors: Sensible: 255.8 btu/h per person Latent: 187.6 btu/h per person Wattage: 300.0  
 People: Type: Flourescent W/ft² \_\_\_\_\_  
 Lights: Fsa: 1.0 Ful: 1.0  
 Appliances: 1,538.0 Watts (1 - water dispenser, 6- desktop computers, 1 laser printer)  
 Power: n/a Watts

Infiltration: \_\_\_\_\_  
 \_\_\_\_\_

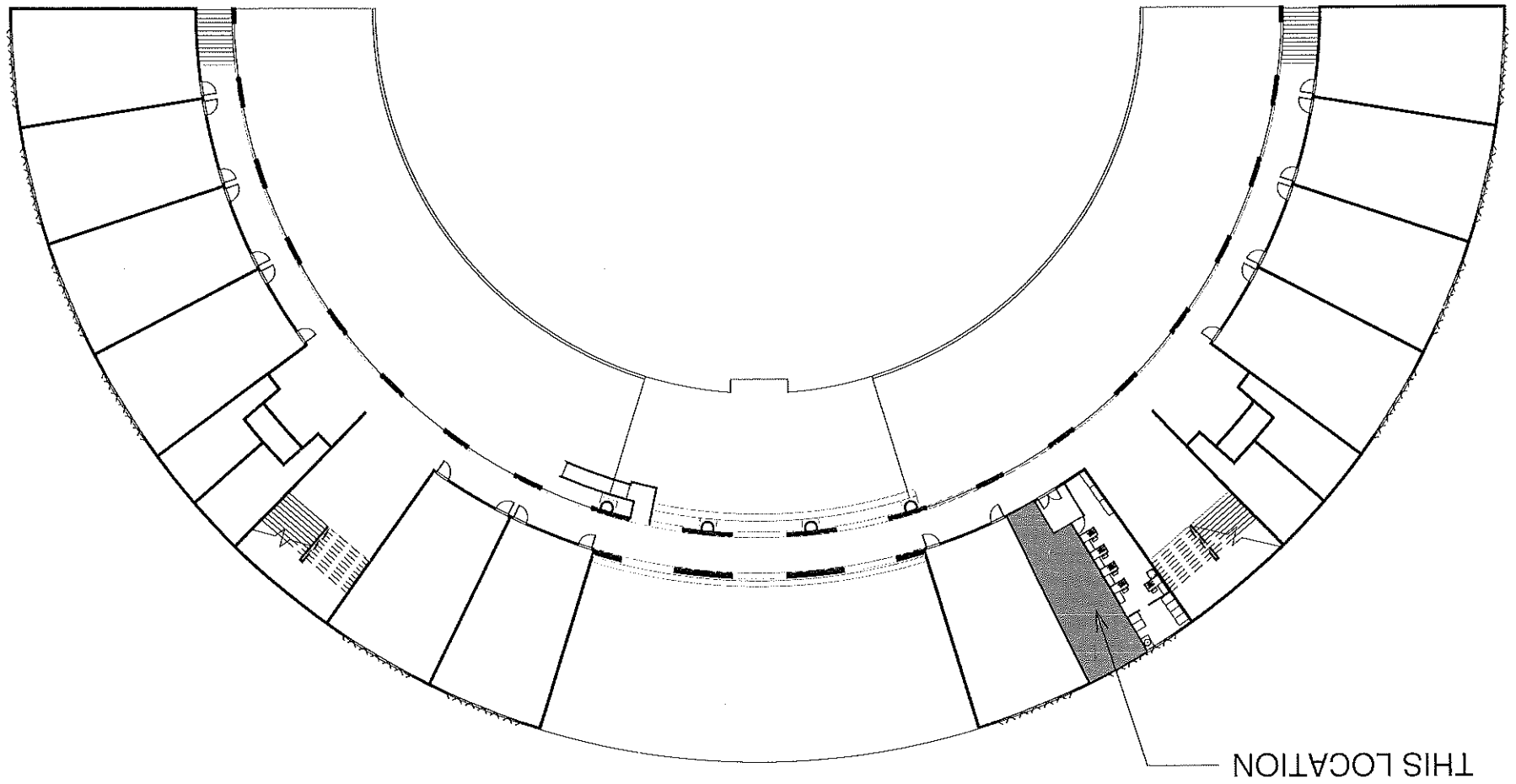
Occupancy Schedules:  
 People: 8 hrs  
 Lights: 8 hrs  
 Appliances: 8 hrs  
 Power: 8 hrs


Cooling Load Factors (CLF):  
 People: 0.84  
 Lights: 1.00  
 Appliances: 1.00  
 Power: 1.00

Prepared by:   
DENNIS CLYDE G. ACANTILADO, RMEE, RMP  
 Mechanical Engineer

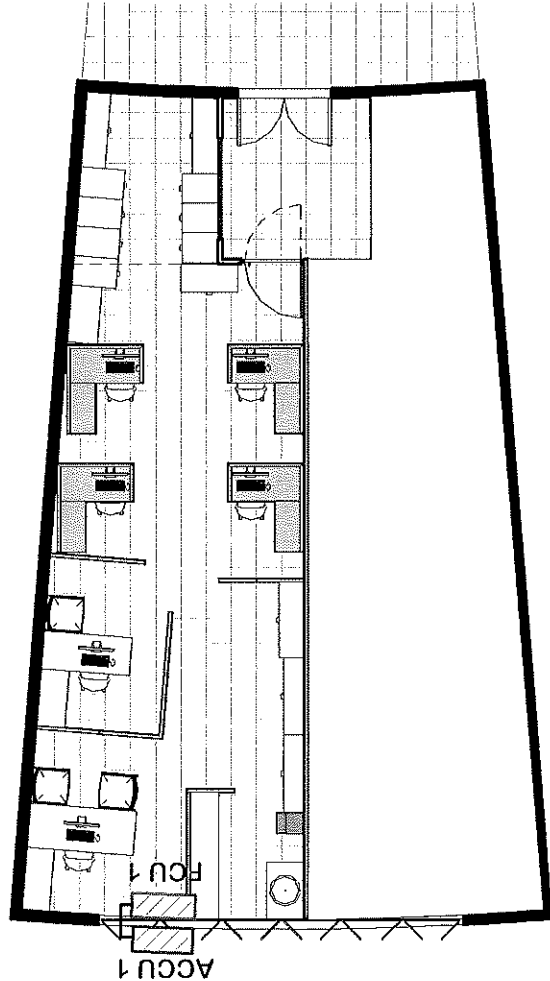
APPROVED BY: SHIRLEY C. AGRUPIS UNIVERSITY PRESIDENT		RECOMMENDING APPROVAL: ROMEO R. DELA ROSA DIRECTOR		CHECKED/REVIEWED BY: AIDA V. CABANG ARCHITECT IV, CHIEF-PHYSICAL PLANNING SECTION		PREPARED BY: DENNIS CLYDE G. ACANTILADO MECHANICAL ENGINEER	
SHEET CONTENT: AS SHOWN		CONFORME: REMEDELINA G. VILLENA END-USER		PROJECT TITLE: PROVISION OF SPLIT TYPE WALL MOUNTED ACU UNIT		DRAWN BY: BJAY A. DUYANG DRAFTSMAN I	
SHEET NO.:				LOCATION: MMSU, CITY OF BATAQ, ILOCOS NORTE			

GROUND FLOOR KEY PLAN  
SCALE 1:450m


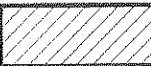


SHIRLEY C. AGRUPIS UNIVERSITY PRESIDENT		ROMEO B. DEBULLAO DIRECTOR, PEDD		AIDA V. CABANG ARCHITECT IV, CHIEF PHYSICAL PLANNING SECTION		DENNIS CLAYDE G. ACANTILADO MECHANICAL ENGINEER	
APPROVED BY:		RECOMMENDING APPROVAL:		CHECKED/REVIEWED BY:		PREPARED BY:	
AS SHOWN		REMEDELINA B. VILLENA END USER		LOCATION: MMSU, CITY OF BATAO, ILOCOS NORTE		BJAY A. BAYANG DRAFTSMAN I	
SHEET CONTENT:		CONFORME:		PROJECT TITLE:		DRAWN BY:	
SHEET NO:				PROVISION OF SPLIT TYPE WALL MOUNTED ACU UNIT			

**BUDGET OFFICE PLAN**  
SCALE 1:120m



**LEGEND SYMBOL**

- INDOOR UNIT (FCU) 
- OUTDOOR UNIT (ACCU) 

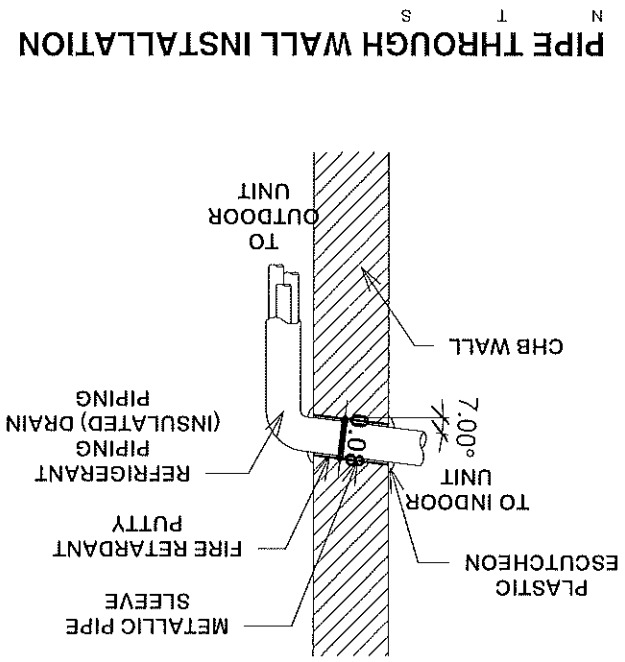
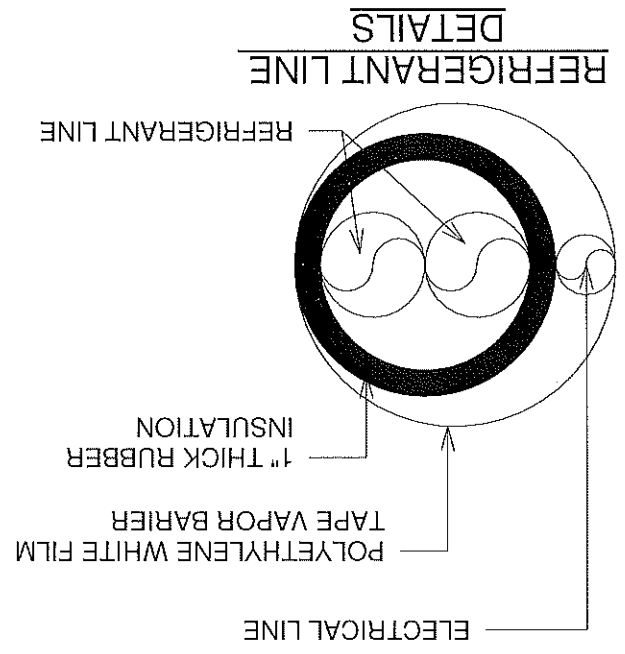
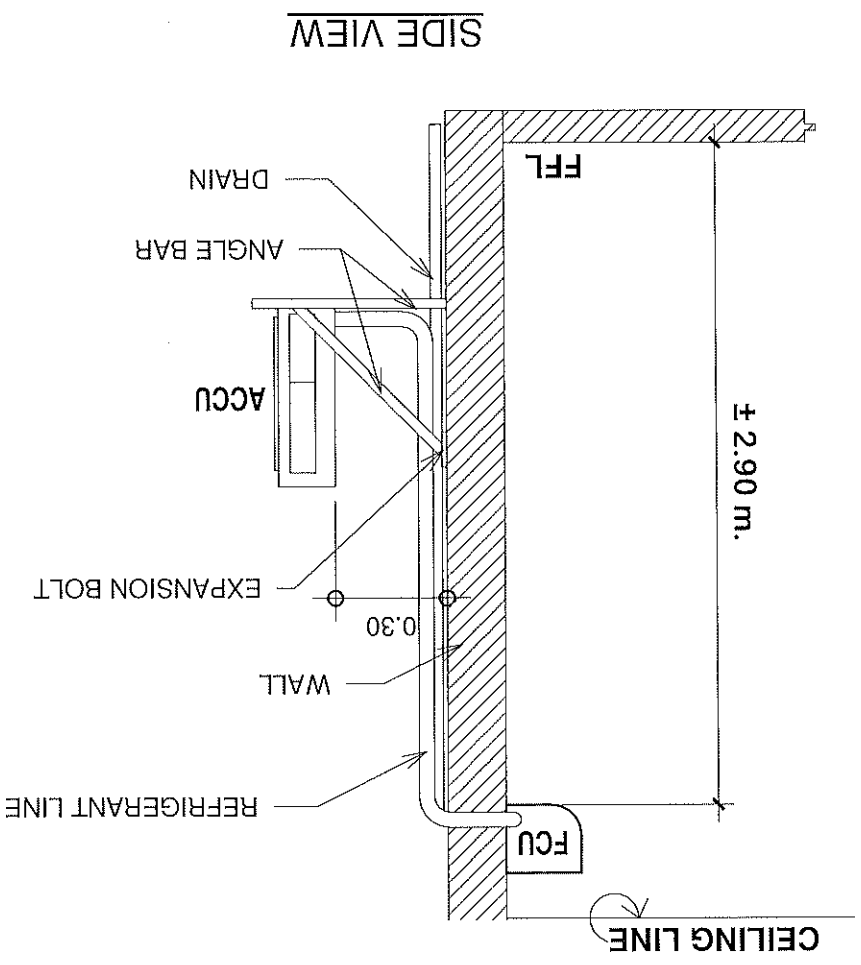
**SCHEDULE OF EQUIPMENT**

Air-Conditioning Unit Schedule									
Designation	Location	Qty	Description	Cooling Capacity			HP	V/hz/ph	
				Btu/h	KJ/h	TR			
ACU 1	Budget Office	1	Split Type Wall Mounted - VFD Type (Inverter) Similar to Daikin, Kolin, Carrier or LG	18,000	18,990	1.5	2.0	220/60/1	

SHEET NO.:		PROJECT TITLE: PROVISION OF SPLIT TYPE WALL MOUNTED ACU UNIT		DRAWN BY: BJAY A. DAYANG DRAFTSMAN	
SHEET CONTENT: AS SHOWN		CONFORME: REMEDILING G. VILLENA E.D.-USER		CHECKED/REVIEWED BY: AIDA V. CABANG ARCHITECT IV, CHIEF PHYSICAL PLANNING SECTION	
APPROVED BY:		RECOMMENDING APPROVAL:		PREPARED BY: DENNIS OLMDE G. ACANTILADO MECHANICAL ENGINEER	
SHIRLEY C. AGRUPIS UNIVERSITY PRESIDENT		ROMEO R. DELA CRUZ DIRECTOR		AIDA V. CABANG ARCHITECT IV, CHIEF PHYSICAL PLANNING SECTION	



AIR-CONDITIONING UNIT DETAIL



PIPE THROUGH WALL INSTALLATION