



MARIANO MARCOS STATE UNIVERSITY

Bids and Awards Committee

INVITATION TO MAKE AN OFFER: Negotiated Procurement

2022-024

THE PROJECT: CASAT Building Repair Works
Number of Working Days: 75 calendar days
ABC: P528,442.03

1. The Mariano Marcos State University (MMSU), with offices at Quiling Sur, City of Batac, Ilocos Norte, invites the public to make an offer to furnish all labor, materials, tools and equipment necessary and proper for the implementation of the above Project as per approved designs, plans and drawings.
2. This process is in accordance with Section 53 of R.A. 9184, the Government Procurement reform Act and Section 53.9 of the Implementing Rules and Regulations where interested and qualified contractors are to submit proposals.
4. The offer must be in writing submitted at the address below not later than 5 days together with the following documents:
 - a) The amount of the offer in writing duly signed by the person making the offer, indicated in numbers and figures.
 - b) The particulars of the offer as to labor, materials, tools, equipment and other work details.
 - c) Documents in support of the legal, technical and financial capability of the person making the offer, which documents shall be confirmed and verified (3 copies).
5. It is understood that any offer may be accepted or rejected, or the process invalidated, at any time prior to contract award, without liability to anyone.
6. Documents for this procurement may be secured from the MMSU BAC Secretariat at the address below or downloaded from the MMSU website or from the Philippine Government Electronic Procurement System (PhilGEPS) website.
7. For questions and inquiries, please write or email the University President, thru the BAC Chair, at the address indicated below.

Mariano Marcos State University
Quiling Sur, City of Batac
www.mmsu.edu.ph

September 14, 2022

NATHANIEL R. ALIBUYOG
BAC CHAIR

Received: _____ Received: _____ Received: _____

Rm105 FEM Hall, MMSU, #16S Quiling Sur, City of Batac, Ilocos Norte
 bac@mmsu.edu.ph ☎ (077) 600-0459 www.mmsu.edu.ph



Republic of the Philippines
MARIANO MARCOS STATE UNIVERSITY
Batac, Ilocos Norte

PROJECT INFORMATION DOCUMENT

Project Title : CASAT – Repair Works

Project Location : MMSU CASAT, Currímao, Ilocos Norte

The project calls for the furnishing of all materials, labor, tools and equipment needed for the repair works at CASAT, Currímao Campus, Currímao Ilocos Norte. The said project shall be done in strict conformity with the designs, plans, drawings and other details, as well as the specifications, this Project Information Document and other related contract documents prepared and approved for this project.

It also calls for the employment of men power with the appropriate skills and expertise to undertake the specific items of work and to enable the contractor to produce and deliver to the satisfaction of the owner the needed services and output required of this undertaking. In addition, the Contractor shall have adequate and readily available construction tools and equipment to be utilized during the construction activities of the project. It is also a must as it is necessary that the Contractor shall have regularly at the site a qualified project Engineer to administer strictly the implementation of the project, including maintaining a log book of construction activities, as well as receiving authorized University Officials and Inspectors.

General Instructions

Specifically, the project covers the repair of freshwater hatchery, Canteen, Roofing Works of Academic Building, etc. The contractor shall ensure that the construction activities shall not interfere, obstruct and disturb any on-going operation of the other areas and facilities of the campus and the adjoining road; hence, the contractor shall construct a temporary security or peripheral fence to enclose and isolate the working area from the other facilities of the campus. In addition, the Contractor shall be required to provide its own water and power supply system needed in the proper execution of the various works for the duration of the contract.

The lot where the proposed project will be put up has existing small concrete structures housing equipment for water supply and for power supply. All of these dismantled and throwaway materials shall be disposed of properly in a designated place; however, all dismantled and removed materials from the building that are still in good condition or can be re-used shall be turned over to the University. Other existing water and power lines, as well as other service utilities within the area of construction which will hinder construction works shall be relocated; however, said relocation shall be done only after proper consultation with those in-charge of the affected utilities in the University.

The prospective bidders shall submit a bid proposal for the above-mentioned project with the following scope of works:

1. **Termite Pest Control**. Excavation of 6" wide x 12" deep soil portion along the periphery of the building and bore 3/8" Ø holes, 12" apart to concrete portion along the periphery of the building. Pour/Inject chemicals to saturation point then cover/patch the excavated/bored ground or concrete with soil and concrete. Application of termiticidal chemical to heavily infested part up to saturation point. All wood panels, jambs, ceiling nailers, wooden partition walls and other wooden materials as well as concrete flooring and walls must also be treated. This work shall be done on the canteen building.

2. **Ceiling Works.** The work under this item shall consist in furnishing of all the required materials, tools and equipment, as well as labor necessary for the satisfactory completion of all carpentry and joinery works in strict accord with the drawings, details and specifications for this project.
Ceiling boards shall be 4.5 mm or 1/4" thick cement fiber board (hardiflex) with ceiling joist to be metal furring. All ceiling joist must be properly fastened with rivet prior to the installation of ceiling boards. Before installing the ceiling boards, the contractor shall notify the University for the inspection by the Inspection Team or designated inspectors to inspect the framing system of the ceiling works for approval.
3. **Aluminum Glass Window.** This item shall consist of furnishing of all materials, hardware, tools, labor and services necessary for the fabrication, delivery and installation of Aluminum Framed Window of the type and size as shown in the schedule of doors and windows for this project. This includes the fabrication, delivery and installation of ~~aluminum~~ ^{aluminum} framed windows of the type and sizes as shown in the schedule of doors and windows of the plans and drawings prepared and approved for this project. The Contractor is required to show sample for approval for the quality, color and style of these said materials prior to purchasing and installation.
4. **PVC Doors and Frames.** This item shall consist of furnishing of all materials, hardware, tools, labor and services necessary for the fabrication, delivery and installation of PVC Door. The Contractor shall submit samples, designs for the said material to be installed.
5. **Wooden Panel Door.** This item shall consist of furnishing of all materials, hardware, tools, labor and services necessary for the fabrication, delivery and installation of wooden doors of the type and size as shown in the schedule of doors and windows for this project. The Contractor is required to show sample for approval for the quality, color and style of these said materials prior to purchasing and installation.
6. **Fabricated Metal Roofing Accessory (Gutter).** This includes the installation of Spanish gutter for the Canteen building. The contractor shall show sample for approval. The contractor also needs to put the gutter firmly to the fascia boards.
7. **Stainless Steel Doors and Frames.** This includes the Fabrication, Delivery and Installation of Steel doors and Frames to designated area. In order to install the aforementioned material, the Contractor must collaborate with the university's project management office and the end user.
8. **Perforated Aluminum Ceiling Panels.** The work under this item shall consist in furnishing of all the required materials, tools and equipment, as well as labor necessary for the satisfactory completion of all carpentry and joinery works in strict accord with the drawings, details and specifications for this project. This works specifically done on canteen building.
Use perforated Aluminum Ceiling Panels with ceiling joist to be metal furring. All ceiling joist must be properly fastened with rivet prior to the installation of ceiling boards. Before installing the ceiling boards, the contractor shall notify the University for the inspection by the Inspection Team or designated inspectors to inspect the framing system of the ceiling works for approval.

SUPPLEMENTARY PROVISIONS

All other items or scope of works not mentioned in this document but shown and/or indicated in the plans, drawings and specifications, except where it is specifically mentioned as "to be provided by others", the contractor shall likewise furnish all materials, labor and equipment necessary to complete the same.

In case that a conflict arises in specifications and quality of materials, installation procedure and in the plans and drawings as well as in the other contract documents before and during the

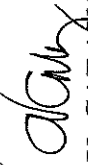
implementation stage, the same should be referred to the end-user for proper resolution of the said conflict.


Where the above mentioned items or scope of works require the approval of the quality and design of the materials to be used or their testing before they are installed, embedded in concrete or enclosed with specified covering materials, the contractor shall secure from the University clearance or permission related hereto.

After all the works have been completed, the surrounding immediate areas affected in the execution of the project shall be cleaned and cleared of all excess materials and debris, temporary structures, facilities and utilities used during the construction period. All spillages and scattered caused by the painting works, grouts, adhesives, as well as markings and signage shall likewise be removed to the full satisfaction of the Owner.

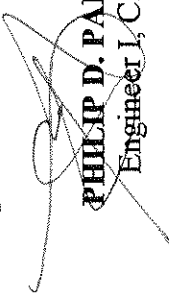
- A. Time is a very important factor in the implementation of this project and as such, all works indicated in the plans, specifications and in this document shall be fully completed within **SEVENTY-FIVE (75) calendar days** from receipt of the Notice to Proceed.
- B. The Approved Budget for the Project to be bid is **Five Hundred Twenty-Eight Thousand Four Hundred Forty-Two and 3/100 Pesos (Php.) 528,442.03.**

Checked by:


AIDA V. CABANG
Architect IV, Chief Infra Planning


ROMEO R. ABUDUJAO
Director, PPDO

Prepared by:


PHILIP D. PADRE
Engineer I, C.E.

PLS. CHECK

Ⓢ ANXIOUS OK.
PO W/OF KWS ANSO
ALUM. FINISH



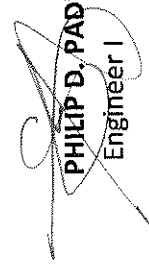
Republic of the Philippines
MARIANO MARCOS STATE UNIVERSITY
 City of Batac, 2906, Ilocos Norte

SPECIFICATION


Project Title: CASAT - Repair Works
Project Location: MMSU-Currimao Campus, Currimao, Ilocos Norte

ITEM NO.	DESCRIPTION
C.1	<u>Termite Pest Control</u>
1003(1)a2	<u>4.5mm Fiber Cement Board in Wood Framing Ceiling</u> Fiber Cement Board, 1.2 m x 2.4 m x 4.5 mm Good Lumber
1008(1)a	<u>Aluminum Glass Window</u> Aluminum Glass Window (Sliding Type)
C.11	<u>PVC Doors and Frames</u> PVC Doors and Frames
C.12	<u>Wood Panel Door</u> Wooden Panel Door
1013(2)c	<u>Fabricated Metal Roofing with Accessory</u> Gutter, 0.6mm Plain GI Strap, 12" x 1" Blind Rivets <u>Show Sample for Approval</u>
1042(1)	<u>Stainless Steel Doors and Frames</u> Stainless Steel Doors and Frames
1045(1)	<u>Perforated Aluminum Ceiling Panels</u> Perforated Ceiling Panels with frames <u>Show Sample for Approval</u>

Prepared By:


PHILIP D. PADRE
 Engineer I

Checked by:


AIDA V. CABANG
 Architect IV, Chief Planning

Recommending Approval:


ROMEO R. PUYOSULAO
 Director, PPDO

Republic of the Philippines
MARIANO MARCOS STATE UNIVERSITY
PHYSICAL PLANNING AND DEVELOPMENT OFFICE
City of Batac, 2906, Ilocos Norte

CASAT - Repair Works
(MMSU Batac Campus, City of Batac, Ilocos Norte)

BILL OF QUANTITIES		
Item No.	Description	Unit
C.1	Termite Control	Sq.m.
1003(1)a2	4.5mm Fiber Cement Board in Wood Framing Ceiling	Sq.m.
1008(1)a	Aluminum Glass Window	Sq.m.
C.11	PVC Doors and Frames	Sq.m.
C.12	Wooden Panel Door	Sq.m.
1013(2)c	Fabricated Metal Roofing Accessory (Gutter)	Mtrs.
1042(1)	Stainless Steel Doors and Frames	Sq.m.
1045(1)	Perforated Aluminum Ceiling Panels	Sq.m.

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : C.1 Termite Pest Control
 Unit of Measurement : sq.m.
 Output per hour :

A. Labor	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
Sub - Total for A					
B. Equipment	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
<i>Minor Tools (10% of Labor Cost)</i>					
Sub - Total for B					
C. Total (A + B)					
D. Output per Hour = 0.000 sq.m.					
E. Direct Unit Cost (C ÷ D)					
F. Materials					
Name and Specification		Unit	Quantity	Unit Cost	Amount (Php)
Termite Pest Control		sq.m.			
Sub - Total for F					
G. Direct Unit Cost (E + F)					
H. Overhead, Contingencies & Miscellaneous (OCM) Expenses					
				of G	
				of G	
I. Contractors Profit (CP)					
				of (G + H + I)	
J. Value Added Tax (VAT)					
				(G + H + I + J)	
K. Total Unit Cost					

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : 1003(1)a2 4.5mm Fiber Cement Board in Wood Framing Ceiling
 Unit of Measurement : m²
 Output per hour :

A.	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Sub - Total for A				-
B.	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Equipment				
	Sub - Total for B				
C.	Total (A + B)				
D.	Output per Hour = 0.000 m ²				
E.	Direct Unit Cost (C + D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php)
F.	Materials				
	Fiber Cement Board, 1.2 m x 2.4 m x 4.5 mm	pc			
	Good Lumber	bd.ft			
	Common Wire Nail, asstd	kg			
	Sub - Total for F				
G.	Direct Unit Cost (E + F)				
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses _____ of G				
I.	Contractors Profit (CP) _____ of G				
J.	Value Added Tax (VAT) _____ of (G + H + I)				
K.	Total Unit Cost _____ (G + H + I + J)				

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : 1008(1)a Aluminum Glass Window
 Unit of Measurement : m²
 Output per hour :

A.	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Sub - Total for A				
	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
B.	Equipment				
	Sub - Total for B				
C.	Total (A + B)				
D.	Output per Hour = 0.000 m ²				
E.	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php)
F.	Materials				
	Aluminum Glass Window (Sliding Type)	m ²			
	<i>Consumables (3% of Materials Cost)</i>				
	Sub - Total for F				
G.	Direct Unit Cost (E + F)				
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses				
				of G	
I.	Contractors Profit (CP)				
				of G	
J.	Value Added Tax (VAT)				
				of (G + H + I)	
K.	Total Unit Cost				
				(G + H + I + J)	

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : C.11 PVC Doors and Frames
 Unit of Measurement : m²
 Output per hour :

A.	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Sub - Total for A				
B.	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Equipment				
	Sub - Total for B				
C.	Total (A + B)				
D.	Output per Hour = 0.000 m ²				
E.	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php)
F.	Materials				
	PVC Doors and Frames	m ²			
	<i>Consumables (5% of Materials Cost)</i>				
	Sub - Total for F				
G.	Direct Unit Cost (E + F)				
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses _____ of G				
I.	Contractors Profit (CP) _____ of G				
J.	Value Added Tax (VAT) _____ of (G + H + I)				
K.	Total Unit Cost _____ (G + H + I + J)				

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : C.12 Wooden Panel Door
 Unit of Measurement : m²
 Output per hour :

	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
A.	Labor				
	Sub - Total for A				
B.	Equipment	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Sub - Total for B				
C.	Total (A + B)				
D.	Output per Hour = 0.000 m ²				
E.	Direct Unit Cost (C ÷ D)				
F.	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php)
	Materials Wooden Panel Door	m ²			
	Sub - Total for F				
G.	Direct Unit Cost (E + F)				
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses _____ of G				
I.	Contractors Profit (CP) _____ of G				
J.	Value Added Tax (VAT) _____ of (G + H + I)				
K.	Total Unit Cost (G + H + I + J)				

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : 1013(2)c Fabricated Metal Roofing Accessory (Gutter)
 Unit of Measurement : m
 Output per hour :

A.	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Sub - Total for A				
B.	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Equipment				
	Sub - Total for B				
C.	Total (A + B)				
D.	Output per Hour = 0.000 m				
E.	Direct Unit Cost (C + D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php)
F.	Materials				
	Gutter, 0.6mm	m			
	Plain GI Strap, 12" x 1"	pc			
	Blind Rivets	pc			
	<i>Consumables (3% of Materials Cost)</i>				
	Sub - Total for F				
G.	Direct Unit Cost (E + F)				
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses				
I.	Contractors Profit (CP)				
J.	Value Added Tax (VAT)				
K.	Total Unit Cost				

of G
of G
of (G + H + I)
(G + H + I + J)

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : 1042(1) Stainless Steel Doors and Frames
 Unit of Measurement : m²
 Output per hour :

A.	Designation	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Sub - Total for A				
B.	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Equipment <i>Minor Tools (10% of Labor Cost)</i>				
	Sub - Total for B				
C.	Total (A + B)				
D.	Output per Hour = 0.000 m ²				
E.	Direct Unit Cost (C ÷ D)				
	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php)
F.	Materials Stainless Steel Doors and Frames <i>Consumables (5% of Materials Cost)</i>	m ²			
	Sub - Total for F				
G.	Direct Unit Cost (E + F)				
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses				
I.	Contractors Profit (CP)				
J.	Value Added Tax (VAT)				
K.	Total Unit Cost				

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(G + H + I + J)

CASAT - Repair Works
(MMSU-Batac Campus, City of Batac, Ilocos Norte)

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./ Description : 1045(1) Perforated Aluminum Ceiling Panels
 Unit of Measurement : m²
 Output per hour :

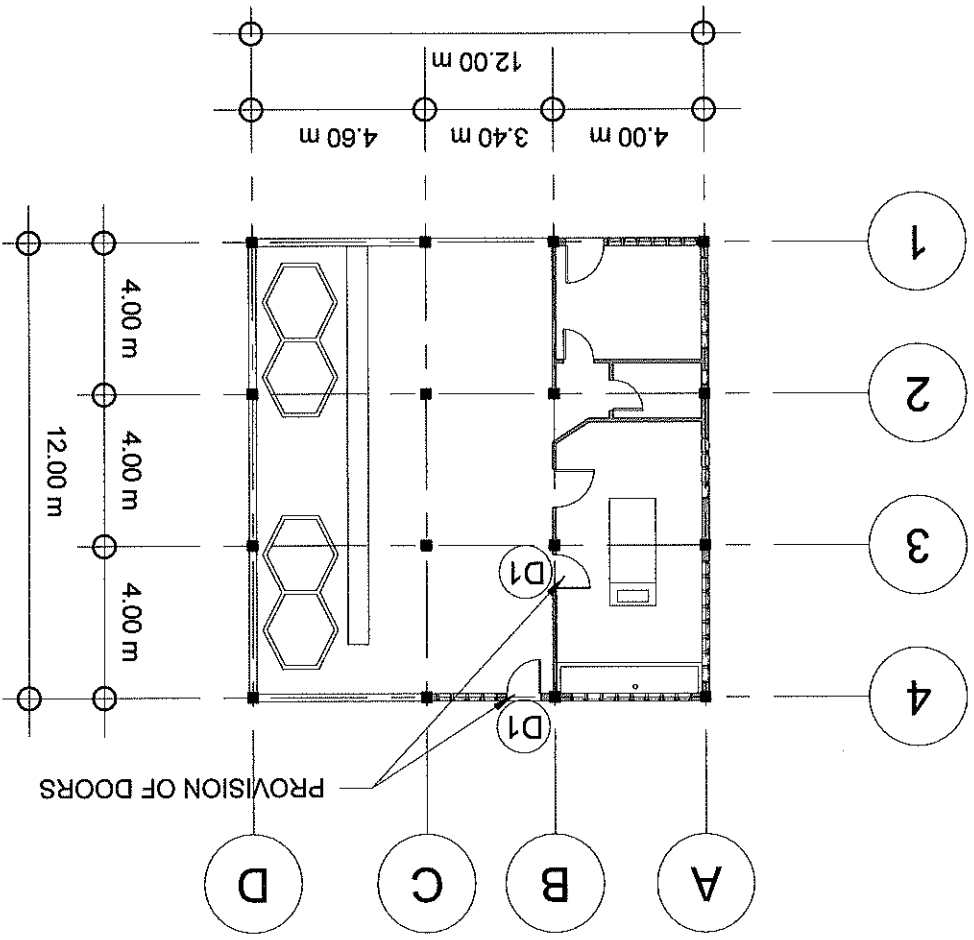
A.	Description	No. of Person/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Sub - Total for A				
B.	Name and Capacity	No. of Unit/s	No. of Hour/s	Hourly Rate	Amount (Php)
	Equipment <i>Minor Tools (10% of Labor Cost)</i>				
	Sub - Total for B				
C.	Total (A + B)				
D.	Output per Hour = 0.000 m ²				
E.	Direct Unit Cost (C ÷ D)				
F.	Name and Specification	Unit	Quantity	Unit Cost	Amount (Php)
	Materials Perforated Ceiling Panels with frames <i>Consumables (3% of Materials Cost)</i>	m ²			
	Sub - Total for F				
G.	Direct Unit Cost (E + F)				
H.	Overhead, Contingencies & Miscellaneous (OCM) Expenses of G				
I.	Contractors Profit (CP) of G				
J.	Value Added Tax (VAT) of (G + H + I)				
K.	Total Unit Cost (G + H + I + J)				

DRAWN BY: BJAY A. DAYANG DRAFTSMAN I		PROJECT TITLE: CASAT - REPAIR WORKS		PREPARED BY:	
SHEET CONTENT:		CONFORME:		RECOMMENDING APPROVAL:	
SHEET NO.:		APPROVED BY:		CHECKED/REVIEWED BY:	
UNIVERSITY PRESIDENT SHIRLEY C. ADRIANES		DEAN, CASAT VERONICA O. GRANDE		ARCHITECT IV, CHIEF-PHYSICAL PLANNING SECTION AIDA V. CABANG	
LOCATION: MMSU-CASAT, CURRIMAQ, ILOCOS NORTE		DIRECTOR, DPED		ROMEO B. BUSTILLO	



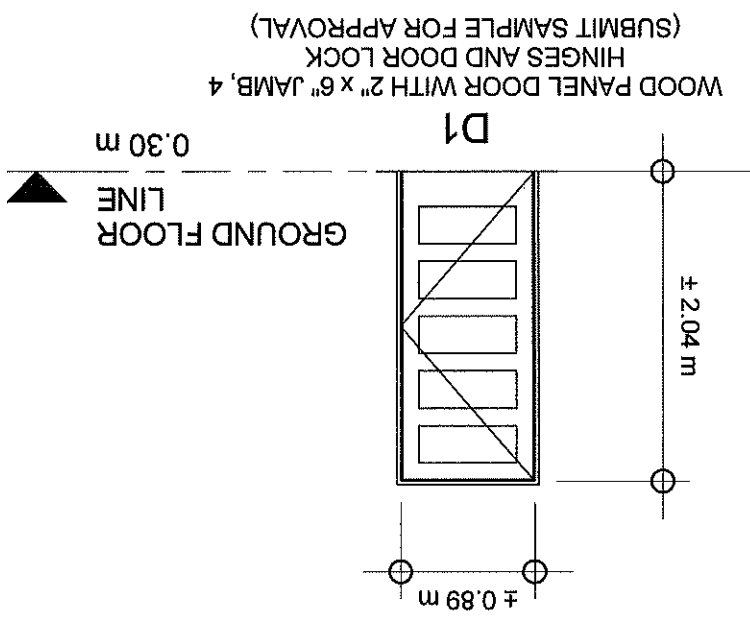
FLOOR PLAN (FRESHWATER HATCHERY)

SCALE 1:200 METERS



SCHEDULE OF DOOR

SCALE 1:50 METERS



WOOD PANEL DOOR WITH 2" x 6" JAMB, 4
HINGES AND DOOR LOCK
(SUBMIT SAMPLE FOR APPROVAL)



DRAWN BY: BJAY A. DAYANG
DRAFTSMAN I

PROJECT TITLE: CASAT - REPAIR WORKS

LOCATION: MMSU-CASAT, CURRIMAO, LOCOS NORTE

CONFORME: VERONICA D. GRANDE
DEAN, CASAT

SHEET CONTENT:

SHEET NO.:

PREPARED BY:

CHECKED/REVIEWED BY:

AIDA V. CABANG
ARCHITECT IV, CHIEF-PHYSICAL PLANNING SECTION

RECOMMENDING APPROVAL:

ROMEO B. DIVERDIA
DIRECTOR, CASAT

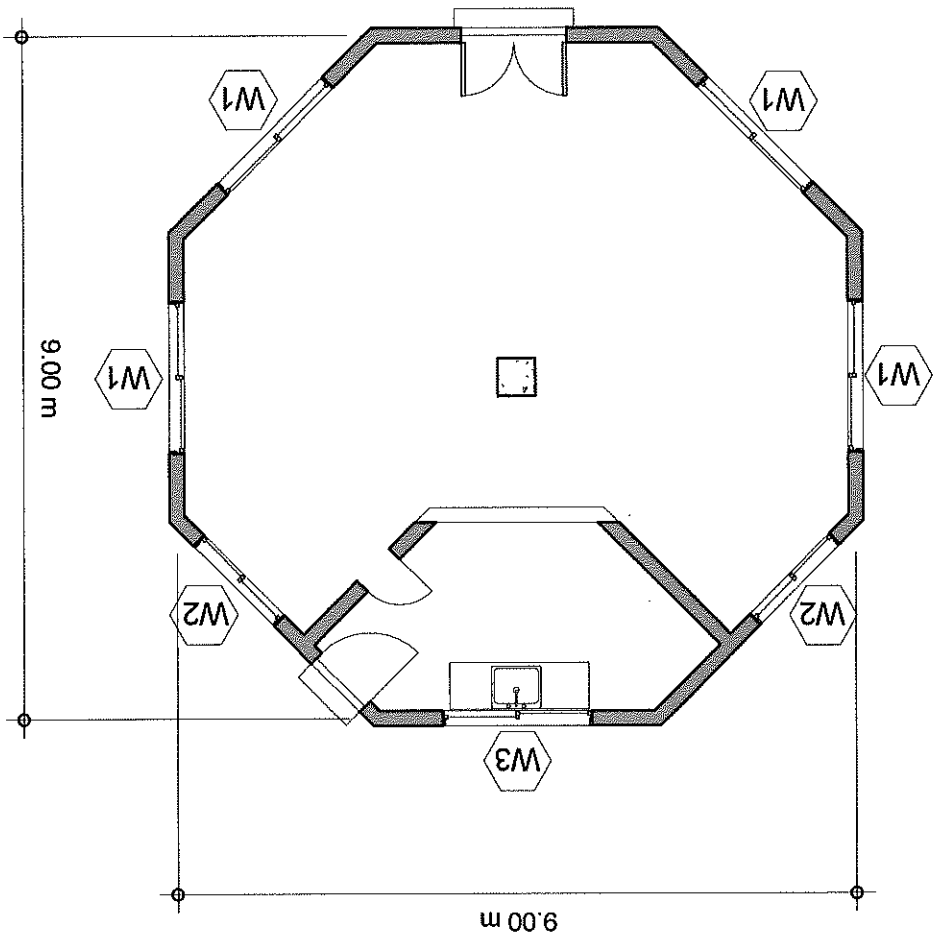
APPROVED BY:

SHIRLEY C. AGRUPIS
UNIVERSITY PRESIDENT

FLOOR PLAN

SCALE 1:100m

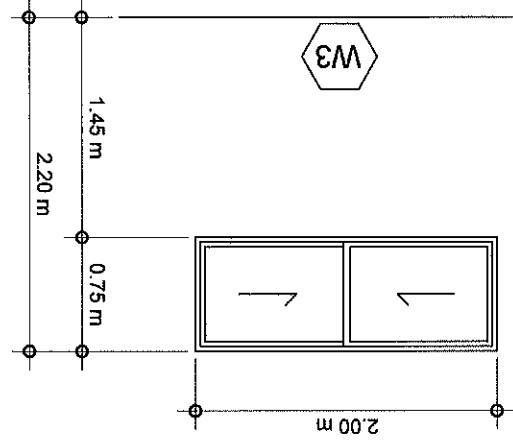
SCOPE OF WORKS: - Provision of Ceiling & Windows
NOTE: CONTRACTOR TO VERIFY ACTUAL CONDITION PRIOR TO FABRICATION AND INSTALLATION



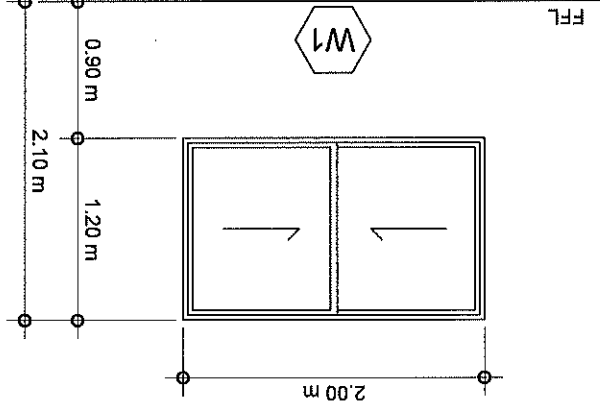
SCHEDULE OF WINDOWS

SCALE 1:50m

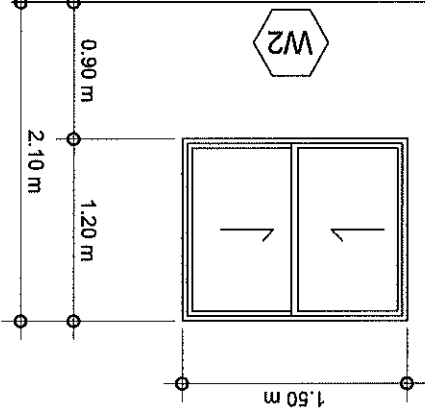
TYPE: SLIDING WINDOW W/ SCREEN
SASH: 1/4" REFLECTIVE GLASS
FRAME: POWDER COATED ALUMINUM
JAMB: POWDER COATED ALUMINUM
REQD: 2 UNITS




TYPE: SLIDING WINDOW W/ SCREEN
SASH: 1/4" REFLECTIVE GLASS
FRAME: POWDER COATED ALUMINUM
JAMB: POWDER COATED ALUMINUM
REQD: 4 UNITS



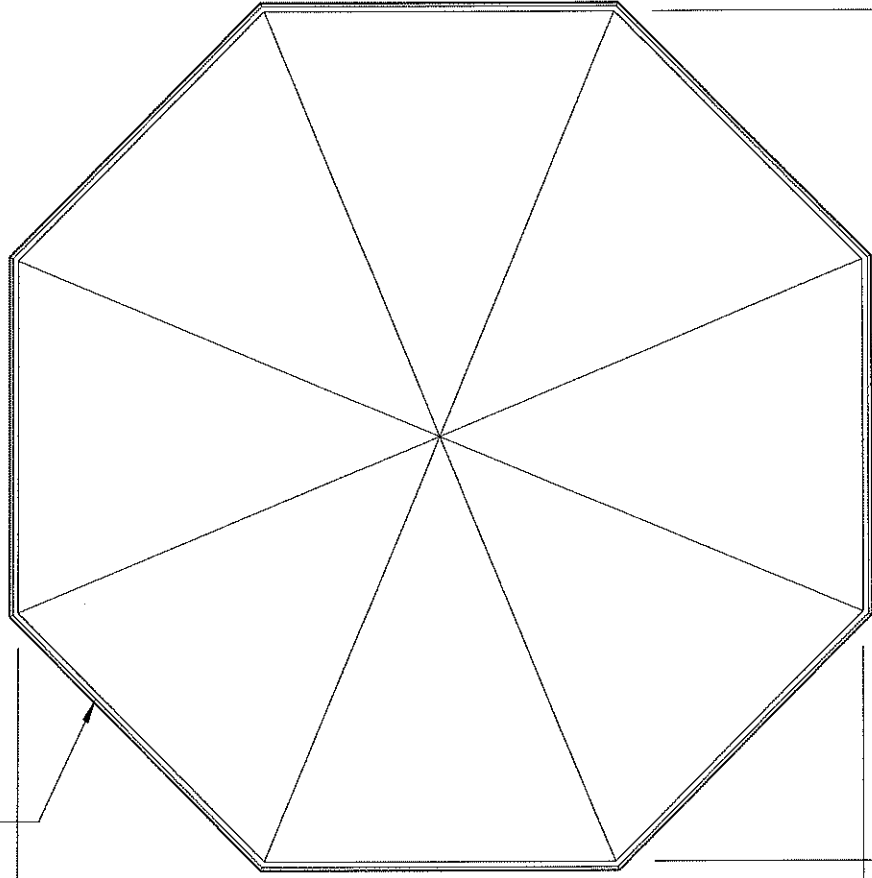
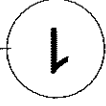
TYPE: SLIDING WINDOW W/ SCREEN
SASH: 1/4" REFLECTIVE GLASS
FRAME: POWDER COATED ALUMINUM
JAMB: POWDER COATED ALUMINUM
REQD: 2 UNITS



PROJECT TITLE: CASAT - REPAIR WORKS CONFORME: VERONICA O GRANDE DEAN, CASAT		DRAWN BY: BJAY A. DAYANG DRAFTSMAN I		
SHEET CONTENT: SHEET NO:		LOCATION: MMSU-CASAT, CURRIMAQ, LOCOS NORTE		
APPROVED BY: SHIRLEY C. ACUJAS UNIVERSITY PRESIDENT		CHECKED/REVIEWED BY: AIDA V. CABANG ARCHITECT IV, CHIEF-PHYSICAL PLANNING SECTION		PREPARED BY:
RECOMMENDING APPROVAL: ROMEO R. JORDANAO		RECOMMENDING APPROVAL:		SHEET NO:

ROOF PLAN

1 : 100



11.21 m

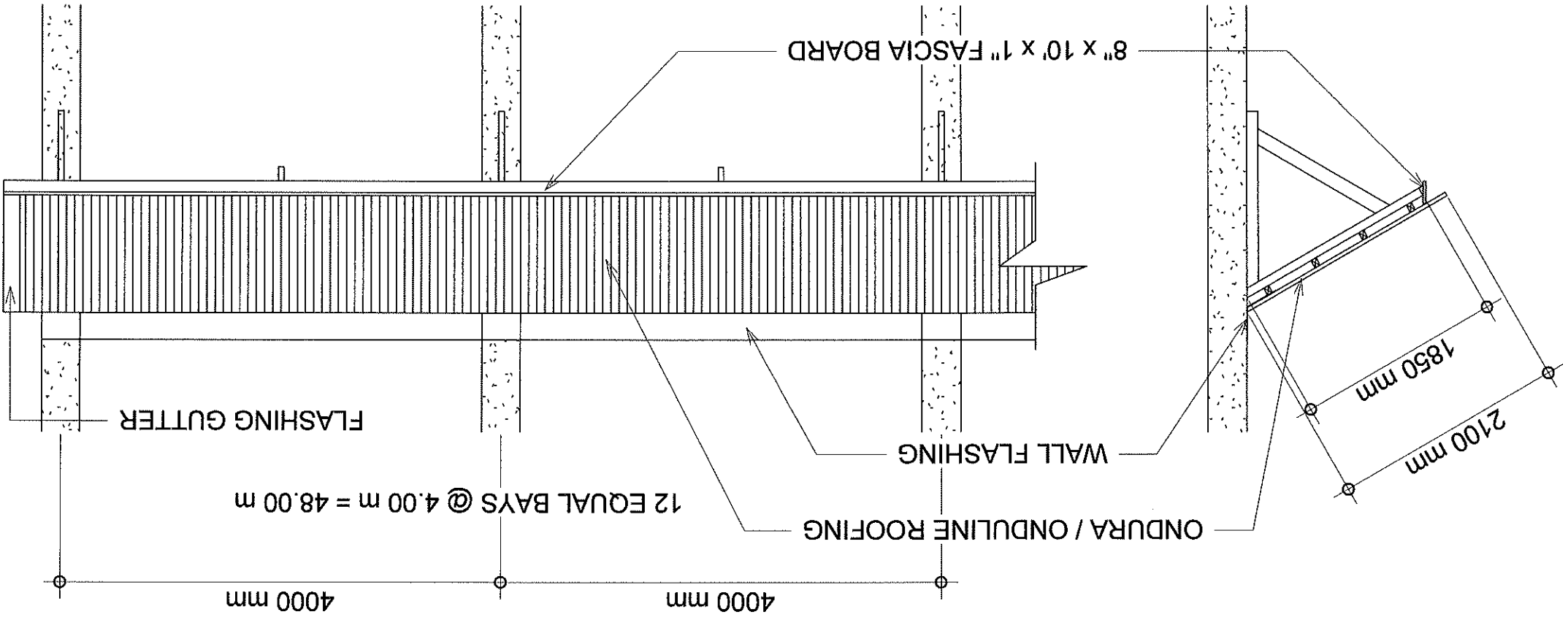
11.21 m

PROVISION OF SPANISH GUTTER


APPROVED BY: <i>[Signature]</i> SHIRLEY C. ADUPIS UNIVERSITY PRESIDENT		RECOMMENDING APPROVAL: <i>[Signature]</i> ROMEO R. DELA CRUZ DIRECTOR/PROF.		CHECKED/REVIEWED BY: <i>[Signature]</i> AIDA V. CABANG CHIEF-PHYSICAL PLANNING SECTION		PREPARED BY: <i>[Signature]</i> BJAY A. DAYANG DRAFTSMAN I	
SHEET CONTENT:		CONFORME: <i>[Signature]</i> VERONICA O. GRANDE DEAN, CASAT		PROJECT TITLE: CASAT - REPAIR WORKS		LOCATION: MMSU-CASAT, CURRIMAJO, ILOCOS NORTE	
SHEET NO.:		PROJECT TITLE:		PROJECT TITLE:		PROJECT TITLE:	



 WINDOW EAVES DETAILS
 SCALE 1:50

SECTION DETAIL



TYPICAL SPAN LENGTH

SHIRLEY C. AGUIPIS UNIVERSITY PRESIDENT APPROVED BY: <i>[Signature]</i>		ROMEO B. DURBAN DIRECTOR RECOMMENDING APPROVAL: <i>[Signature]</i>		AIDA V. CABANG CHIEF-PHYSICAL PLANNING SECTION CHECKED/REVIEWED BY: <i>[Signature]</i>		PREPARED BY:	
SHEET NO.:		VERONICA O. GRANDE DEAN CASAT CONFORME: <i>[Signature]</i>		PROJECT TITLE: CASAT - REPAIR WORKS		DRAWN BY: BJAYLA DAYANG DRAFTSMAN I	
SHEET CONTENT:		LOCATION: MMSU-CASAT, CURRIMAO, LOCOS NORTE		LOCATION: MMSU-CASAT, CURRIMAO, LOCOS NORTE			


 SCALE 1 : 50
ROOF FASCIA BOARD

