

## MARIANO MARCOS STATE UNIVERSITY

### Bids and Awards Committee

INVITATION TO MAKE AN OFFER: Negotiated Procurement

### 2022-028-1

Number of Working Days: 60 calendar days THE PROJECT: FEM Hall – Refurbishment of Student Council Office, MMSU, City of Batac

ABC: P256,368.42

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

Quiling Sur, City of Batac Wariano Warcos State University

November 7, 2022

www.mmsu.edu.ph



Received:
Received:
Received:



## Republic of the Philippines MARIANO MARCOS STATE UNIVERSITY

PHYSICAL PLANNING AND DEVELOPMENT OFFICE City of Batac, Ilocos Norte

# PROJECT INFORMATION DOCUMENT

Project Location Project Title . . . . MMSU-COE, City of Batac, Ilocos Norte Refurbishment of Student Council Office

Page 2 of 3

- W specifications. student council office. CEILING WORKS ŧ This includes the replacement of the existing ceiling of the New material should follow what is ij the plan 0
- 4 student council office wall and ceiling. PAINTING WORKS - This includes the painting of the interior and exterior of the
- UП DOORS AND WINDOWS - This includes fabrication, delivery and installation of required number, size and specification included in the plans
- Ċ) fixtures following the given plans and specification. ELECTRICAL WORKS - This includes the replacement of electrical lines and
- Ŋ OCCUPATIONAL SAFETY AND HEALTH - This includes the provision of basic PPE, first aid kit and warning signage as per DOLE Department Order No 13 series

### SUPPLEMENTARY NOTES

- $\Rightarrow$ the project the contractor shall likewise furnish all materials, labor and equipment indicated in the plans, drawings and specifications, and very vital for the completion of necessary to complete the same. All other items or scope of works not mentioned in this document but shown and/or
- Ä In case that conflicts arise among specifications and quality of materials, installation for proper resolution of the said conflicts. before and during the implementation stage, the same should be referred to the end-user procedure and in the plans and drawings as well as in the other contract documents
- (from the University clearance or permission related hereto. in concrete or enclosed with specified covering materials, the contractor shall secure and design of the materials to be used or their testing before they are installed, embedded Where the above-mentioned items or scope of works require the approval of the quality
- Ö part of the as-built plans. and secure approval prior to commencing any work. Approved shop drawings shall form The Contractor shall submit shop drawings to PPDO for all applicable Scope/Item of work
- П system to the satisfaction of the owner. debris, temporary structures, facilities and utilities used during the construction period. Before turning over the contract to the Owner, the Contractor shall test the electrical the prosecution of the project shall be cleaned and cleared of all excess materials and After all the works have been completed, the surrounding immediate areas affected in

# Republic of the Philippines MARIANO MARCOS STATE UNIVERSITY PHYSICAL PLANNING AND DEVELOPMENT OFFICE

City of Batac, Ilocos Norte

# PROJECT INFORMATION DOCUMENT

Project Location Project Title

Refurbishment of Student Council Office

. . . . MMSU-COE, City of Batac, Ilocos Norte

Page 3 of 3

- ויי whenever there is a difference from the original plan. been completed. Architectural, Structural and other as-built plans shall also be submitted The Contractor shall submit to PPDO Electrical and Mechanical plan after all works have
- $(\Box)$ 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 completed within **60 calendar days** from receipt of the Notice to Proceed.
- The Approved Budget for the Project to be bid is Iwo Hundred Fifty-Six Thousand and Three-Hundred Sixty-Eight Pesos and Forty-Two Centavos (Php. 256,368.42).

Prepared by:

MINWAREABULA KENNETH)EDRA

Instructor J

Checked/Reviewed by:

AIDA V. (CABANG

1

Chief, Physical Planning Section

ROMEO R BULDULAO Director, PPDO-

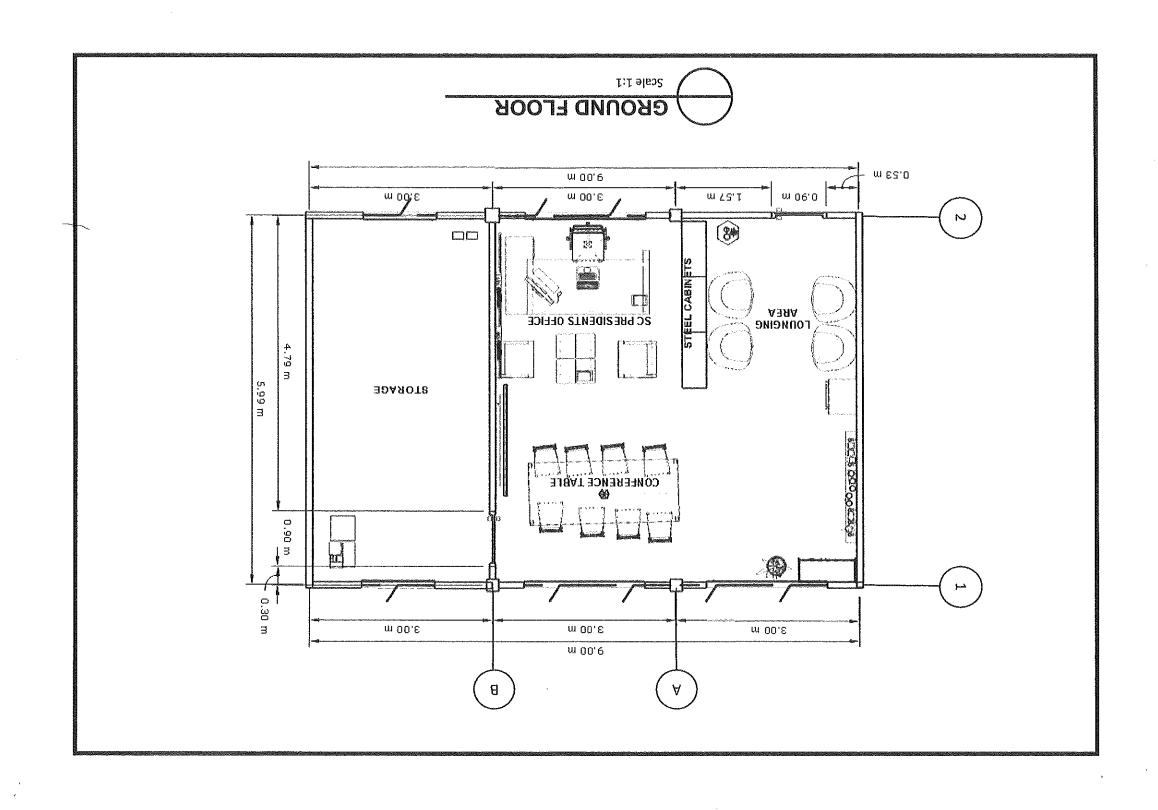
### Republic of the Philippines

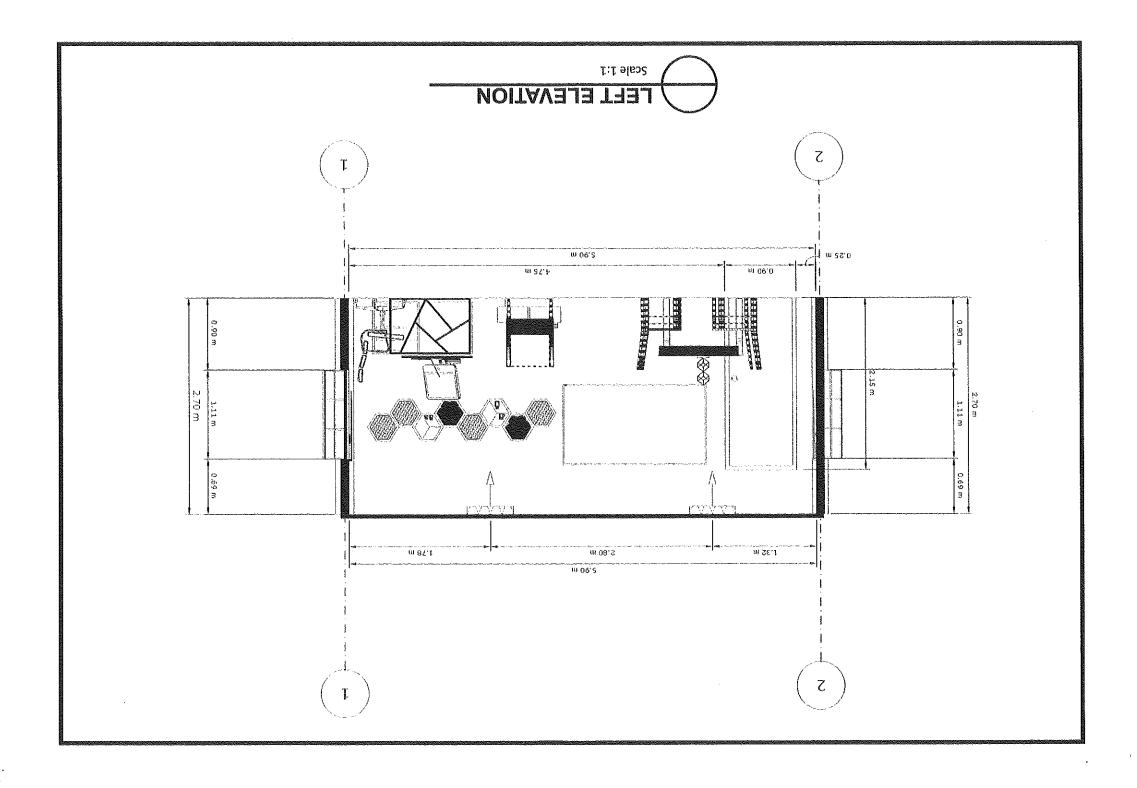
# MARIANO MARCOS STATE UNIVERSITY PHYSICAL PLANNING AND DEVELOPMENT OFFICE City of Batac, 2906, Ilocos Norte

# **Refurbishment of Student Council Office** (MMSU-Batac Campus, City of Batac, Ilocos Norte)

BILL OF QUANTITIES	cu.m.	0.50	Sand	
BILL OF QUANTITIES   Description   Descrip	ь	2.00	Cement	
BILL OF QUANTITIES			For door frame finish	
BILL OF QUANTITIES   Quantity			powder coated adminimin willows, singing (1000m) A 2000	
BILL OF QUANTITIES   Quantity	Sa		0.9m x 2.1m Panel Door (includes door accessories)	
Roughing Works         Description         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Furring, 3m         100.00           Metal Furring, 3m         100.00           Carrying Channel         62.00           Channel Clip         324.00           Hanger Bars/Rod         756.00           Channel Clip         756.00           Wall Angle         756.00           Rivets         216.00           Wall Painting         216.00           Paint Thinner         5.00           Sand Paper #80         5.00           Semi-Gloss Latex         5.00           Semi-Gloss Latex         5.00           Semi-Gloss Latex         3.00           Paint Thinner         5.00           Semi-Gloss Latex         5.00           Semi-Gloss Latex         5.00           Semi-Gloss Latex         5.00           Semi-Gloss Latex         5.00	2	> 00	Doors and Windows	٧
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Metal Furring, 3m         62.00           Carrying Channel         54.00           Hanger Bars/Rod         324.00           Channel Clip         756.00           Wall Angle         756.00           Rivets         216.00           Painting Works         216.00           Wall Painting         5.00           Roller Brush with Pan         3.00           A" Paint Brush         5.00           Patching Compound         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Patching Painting         5.00           Paint Thinner         5.00           Ceiling Painting         5.00           Paint Thinner         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Roller Brush with Pan         3.00           A" Paint				
BILL OF QUANTITIES           Roughing Works         Description         1.00           Drywall Partition         1.00         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Metal Furring, 3m         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Carrying Channel         54.00           Hanger Bars/Rod         54.00           Channel Clip         13.00           Wall Angle         756.00           Rivets         20.00           Retard Furning Works         216.00           Wall Painting Works         5.00           Wall Painting Works         5.00           Paint Thinner         5.00           Paint Thinner         5.00           Paint Thinner         5.00           Ceiling Painting         5.00           Samd Paper #80         5.00           Samd Paper #80         5.00           Sand Paper #80         5.00           Sand Paper #80         3.00           Patching Compound         3.00           Patching Super #80         3.00           Roller Brush with Pan         3.00	g	5.00	Semi-Gloss Latex	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Copysuall Partition         1.00         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         25.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Channel Clip         54.00           Hanger Bars/Rod         20.00           Channel Clip         756.00           Wall Angle         756.00           Rivets         20.00           Rivets         5.00           Painting Works         216.00           Wall Painting         5.00           Roller Brush with Pan         3.00           Paint Thinner         5.00           Ceiling Painting         5.00           Samd Paper #80         5.00           Samd Paper #80         5.00           Samd Paper #80         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00	က္က	3.00	Patching Compound	
BILL OF QUANTITIES           Roughing Works         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         62.00           Metal Furring, 3m         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         62.00           Carrying Channel         20.00           Carrying Channel         54.00           Carrying Channel         756.00           Channel Clip         13.00           Wall Angle         756.00           Rivets         756.00           Wall Painting         5.00           Paint Thinner         5.00           Sand Paper #80         5.00           Patching Compound         8.00           Semi-Gloss Latex         5.00           Ceiling Painting         5.00           Paint Thinner         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00           S	p	3.00	4" Paint Brush	
BILL OF QUANTITIES           Roughing Works         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         62.00           Carrying Channel         54.00           Carrying Channel         20.00           Channel Clip         756.00           Hanger Bars/Rod         13.00           Channel Clip         756.00           Wall Angle         216.00           Rivets         756.00           Wall Painting         5.00           Paint Thinner         5.00           Sand Paper #80         5.00           Roller Brush with Pan         5.00           Patching Compound         8.00           Semi-Gloss Latex         5.00           Sand Paper #80         5.00           Sand Paper #80         5.00	g	2.00	Roller Brush with Pan	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         62.00           Ceiling Works         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Carrying Channel         754.00           Channel Clip         756.00           Wall Angle         216.00           Rivets         756.00           Wall Painting         5.00           Paint Thinner         2.00           Sand Paper #80         5.00           Sand Paper #80         5.00           Roller Brush with Pan         5.00           Patching Compound         8.00           Semi-Gloss Latex         5.00           Ceiling Painting         5.00	p	10.00	Sand Paper #80	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Metal Screw, 1"         62.00           Ceiling Works         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Channel Clip         324.00           Wall Angle         756.00           Rivets         216.00           Wall Painting Works         216.00           Wall Peinting         5.00           Paint Thinner         5.00           Sand Paper #80         5.00           Roller Brush with Pan         3.00           4" Paint Brush         5.00           Patching Compound         8.00           Semi-Gloss Latex         8.00	bott	5.00	Paint Thinner	
BILL OF QUANTITIES           Roughing Works         1.00           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         20.00           Ceiling Works         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         20.00           Carrying Channel         54.00           Channel Clip         756.00           Wall Angle         756.00           Wall Painting         20.00           Painting Works         5.00           Paint Thinner         5.00           Sand Paper #80         5.00           Roller Brush with Pan         5.00           4" Paint Brush         5.00           Patching Compound         8.00           Semi-Gloss Latex         8.00			Ceiling Painting	
BILL OF QUANTITIES           Roughing Works         1.00           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         100.00           Ceiling Works         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Carrying Channel         324.00           Hanger Bars/Rod         324.00           Channel Clip         756.00           Wall Angle         216.00           Rivets         216.00           Wall Painting Works         5.00           Wall Painting         5.00           Paint Thinner         5.00           Sand Paper #80         2.00           Roller Brush with Pan         3.00           4" Paint Brush         5.00           Patching Compound         5.00			CLALL CACCO DOCUM	
BILL OF QUANTITIES           Roughing Works         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Metal Screw, 1"         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Channel Clip         324.00           Wall Angle         756.00           Rivets         216.00           Painting Works         216.00           Paint Thinner         5.00           Sand Paper #80         5.00           Roller Brush with Pan         3.00           4" Paint Brush         5.00	ga	8.00	Semi-Gloss Latex	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Metal Screw, 1"         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00           Carrying Channel         54.00           Hanger Bars/Rod         54.00           Channel Clip         13.00           Wall Angle         7756.00           Rivets         216.00           Painting Works         216.00           Paint Thinner         5.00           Roller Brush with Pan         3.00           3.00         3.00	ga	5.00	Patching Compound	
BILL OF QUANTITIES           Roughing Works         1.00           Drywall Partition         25.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Metal Screw, 1"         20.00           Metal Furring Sam         62.00           Carrying Channel         54.00           Hanger Bars/Rod         324.00           Channel Clip         756.00           Wall Angle         216.00           Rivets         216.00           Painting Works         5.00           Wall Painting         5.00           Paint Thinner         5.00           Roller Brush with Pan         2.00	pg B	3.00	4" Paint Brush	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Ceiling Works         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Channel Clip         13.00           Wall Angle         756.00           Rivets         216.00           Metal Screw, 1"         216.00           Painting Works         5.00           Wall Painting         5.00           Paint Thinner         5.00           Sand Paper #80         10.00	g	2.00	Roller Brush with Pan	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00         25.00           Metal Furring, 3m         100.00         100.00           Metal Screw, 1"         20.00         20.00           Metal Furring, 3m         20.00         20.00           Metal Furring, 3m         20.00         20.00           Carrying Channel         54.00         54.00           Channel Clip         324.00         13.00           Wall Angle         756.00         756.00           Rivets         216.00         216.00           Painting Works         5.00         5.00	g	10.00	Sand Paper #80	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00         25.00           Metal Furring, 3m         100.00         100.00           Ceiling Works         62.00         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Carrying Channel         54.00           Channel Clip         324.00           Wall Angle         756.00           Rivets         756.00           Painting Works         216.00	bott	5.00	Paint Thinner	
BILL OF QUANTITIES           Roughing Works         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         62.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00           Carrying Channel         54.00           Channel Clip         324.00           Wall Angle         756.00           Rivets         216.00           Painting Works         216.00			Wall Painting	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00         25.00           Metal Furring, 3m         100.00         100.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00           Carrying Channel         54.00           Hanger Bars/Rod         54.00           Channel Clip         13.00           Wall Angle         756.00           Metal Screw, 1"         216.00			Painting Works	Z Z
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         100.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00           Metal Furring, 3m         20.00           Carrying Channel         54.00           Channel Clip         324.00           Wall Angle         756.00           Metal Screw, 1"         216.00				
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BILL OF QUANTITIES           Roughing Works         Description         1.00           Drywall Partition         25.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Ceiling Works         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00           Carrying Channel         20.00           Hanger Bars/Rod         54.00           Channel Clip         324.00           Wall Angle         13.00	od	756.00	Rivets	
BILL OF QUANTITIES           Roughing Works         Description         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         100.00           Ceiling Works         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00           Carrying Channel         54.00           Channel Clip         324.00	ğ	13.00	Wall Angle	
BILL OF QUANTITIES           Roughing Works         Quantity           Drywall Partition         1.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         8.00           Metal Furring, 3m         100.00           Metal Screw, 1"         100.00           Ceiling Works         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00           Metal Furring, 3m         54.00           Hanger Bars/Rod         54.00	pg	324.00	Channel Clip	
BILL OF QUANTITIES           Roughing Works         Description         1.00           Drywall Partition         8.00         25.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Ceiling Works         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         20.00           Carrying Channel         20.00	ğ	54.00	Hanger Bars/Rod	
BILL OF QUANTITIES           Description         Quantity           Roughing Works         1.00           Drywall Partition         8.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         25.00           Metal Furring, 3m         100.00           Metal Screw, 1"         100.00           Ceiling Works         20.00           Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"         20.00           Metal Furring, 3m         62.00	pc	20.00	Carrying Channel	
BILL OF QUANTITIES    Description   Quantity	pc	62.00	Metal Furring, 3m	
BILL OF QUANTITIES    Quantity   Description   1.00	)d	20.00	etardant Board, $1.2~\mathrm{m} \times 2.4~\mathrm{m} \times 1_{/}$	
BILL OF QUANTITIES    Description   Quantity			Ceiling Works	III
BILL OF QUANTITIES    Description   Quantity				
BILL OF QUANTITIES    Quantity	pcs	100.00		
BILL OF QUANTITIES  Description  Roughing Works  Drywall Partition  Gypsum Fire Retardant Board, 1.2 m x 2.4 m x 1/2"  8.00	pcs	25.00	3m	
BILL OF QUANTITIES  Description  Roughing Works  Drywall Partition	pcs	8.00	rdant Board, 1.2	
BILL OF QUANTITIES  Description  Roughing Works  DUANTITIES  Quantity 1.00			Drywall Partition	
BILL OF QUANTITIES  Description Quantity	l.s.	1.00	Roughing Works	
QUANTITIES	Uni	Quantity		Item No.

																												VI	
Lighting Fixtures		BUTANE GAS	ELECTRICAL TAPE	CIMERO	OTUEDS	2-2GANG CONVENIENTS OUTLETS	1-GANG SWITCH	2-2GANG SWITCH	SWITCHES AND OUTLETS	utility box	junction box	BOXES	15 AT Bolt On CB	60 AT Bolt On CB	20 AT Bolt On CB	CIRCUIT BREAKERS:	ECB nema 3K	6 Holes Center Ividin	Panel Board	3/4" PVC PIPES	1/2" PVC PIRES	Conduit	14 mm2 thhn wires	5.5 mm2 thhn wires	3.5 mm2 thhn wires	2.0 mm2 thhn wires	Wires	Electrical Works	
0.00	3 00		2	S		2	٠	<u>م ا</u>	2		9	12 pcs	ŀ	<u> </u>		ω		2	1		5	20		3 7	75 -		<u>-</u>		
	epte			PCS		0130	2 2	SETS	2 SETS	1	DCS .	DCS	3	ا ا	S	SOP		SOd	PC		pcs	pcs		3	3	box	box		







ROOM 202 FELL HALL HARRIND WRICOS, STATE UNINERSITY CAY OF BOUNCASUS ROOM TORRE (\*EDITOS (\*E) (\*E) PHYSICAL PLANUING AND DEVELOPMENT OFFICE

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MELWIN & TOWN

THE OUT OF STREET

plans. Conduit shall be embedded in wall, lloor,or celling. Alt conduit shall be PVC unless specified in the approved

4. No termination/splicing shall be done inside the conduit.

The mounting helghts of wining devices said be as

oranoh circuit homerun wires shall be installed in

of a licensed electrical practitioner REE/RME, The

All works herein shall be done with the direct supervision.

rules and regulation of the local enforcing authority, and

applicable provisions of the latest edition of the PEC, the

2. All feeders shall be installed as indicated on plans the requirements of the local power companies.

fluished floor to center of main CB

d. Panel board & Enclosure

individual homerun conduits.

GENERAL NOTES AND SPECIFICATIONS

finished floor

linished floor b. Convenience Outlet

linished floor

(S/AO)(O

a, Light switches

Telephone Outlet

DEPTH LONGOU

1,8m above

0.4m above

evods mh.0

1.4m above

MODERAND REPORT ROOMS ROOMS

NACHS SV

чинимо мана

1119d (0.56 \$20,500)

พงคมรัช "รัช พื่อรีกัน เป็นเพนน ात राग्यस्थानस्य

THERESE OWNERHOOD

องากตร์สารอาณ

TELECTRICAL SYMBOLS

ямочения = Е

WI 30A CIRCUIT BREAKER MEMA 3R ENCLOSURE

TELLO GOOH BONAR IN

**■**" WATER HEATER OUTLET

■ SPECIAL PURPOSE OUTLET

m PHONE/INTERNET OUTLET

TELTY OUTLET

**W** WEATHERPROOF CONVENIENCE OUTLET

**(B)** 

M DUPLEX CONVENIENCE OUTLET

WALL LED LAMP

SPECIAL LED LIGHTING OUTLET

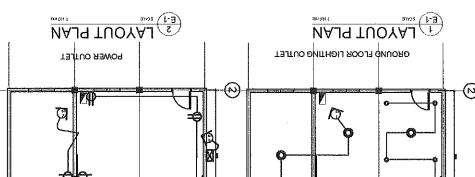
6W LED LIGHTING OUTLET

● 10W LED LIGHTING OUTLET6

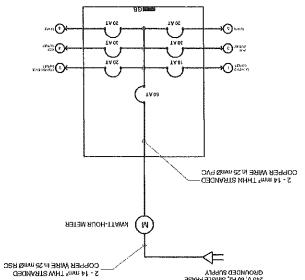
**3** 30W LED LIGHTING OUTLET

 $(\forall)$ 

*TEGEND2* 



### (E-1) (EME) **WARDAIG E LINE DIAGRAM**



SCHEDNIE OF LOADS

USE: 60AT 2-POLE, 230V, 60HZ CIRCUIT BREAKER

A Y1.Sh = (%08S) A8 + (%001) A8 + (%08) A17.X1 = 141 SERVICE EQUIPMENT

USE: 2 - 14mm & 5.5 mm THW COPPER WIRE IN 25 mmg RSC IFL = 17.71A (80%) + 16A (100%) + 6A (25%) = 32.17 A

FEEDER CONDUCTORS FEEDER CONDUCTORS & MAIN SERVICE EQUIPMENT

							0617.66	₽9ZZ	JATOT	-
			·				S5.8	1900	Spare	9
							6,52	1200	Spare	S
bΛc	SS mm	NHHT	<sup>2</sup> տուշ.6 - 1 .8 <sup>2</sup> տուն.ծ - Տ	09	Z	30	00.8	0581	† Sets - ACU Outlet	Þ
PVC	ട്ടെ ഡധ	NHHI	*rnm3.6 - 1 & *mm3.2 - S	09	Z	30	00.8	0681	1 Sets - ACU Outlet	ε
ЬΛС	SS mm	NHHT	*mm2.6 - 1 & *mm2.6 - 2	09	7	50	16.€	006	5 Sets - 180VA Convenience Outlets	٣
PVC	nim 22	MHT	°mm2.6 • 1 & °mm0.2 • S	09	z	S١	97.0	174	5 - 30W LED Light Oulet & 4 - 6W	ŀ
TYPE	<b>PIAMETER</b>	TYPE	EZIS	∃∀	370d	ΤA	113711100	CIL (C) 7 L (A	NAU (9/0075 G) (97	(011/11/10
Τļ	COND		CONDUCTOR	AKER	388 TI	CIRCU	TNERRENT	CLAV	LOAD DESCRIPTION	CKT, NO.

