

REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF BUDGET AND MANAGEMENT  
REGIONAL OFFICE VII

**Notice of Award**

December 28, 2022

**GERALDINE E. MAR**

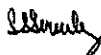
Proprietor  
Nodal Electric Trade and Services  
Curva, San Vicente, Liloan, Cebu

Dear **Engr. Mar**:

We are happy to notify you that your Bid received by this office on December 26, 2022, for the execution of the **Electrical System Rehabilitation in the DBM ROVII Main Building** project, for the Contract Price equivalent to PESOS: TWO MILLION SIX HUNDRED NINETY-SEVEN THOUSAND THIRTY-THREE PESOS AND 22/100 ONLY (Php 2,697,033.22), in accordance with the Instructions to Bidders is hereby accepted.

You are hereby required to provide within ten (10) days the performance security in the form and the amount stipulated in the Instructions to Bidders. Failure to provide the performance security shall constitute sufficient grounds for cancellation of the award and forfeiture of the bid security.


Truly yours,

 Digitally signed  
by Bernales  
Lenin Sotto

**LENIN S. BERNALES**  
Acting Director IV

 Digitally signed by  
Bernales  
Lenin Sotto

Conforme:

  
\_\_\_\_\_  
Nodal Electric Trade and Services  
Date: \_\_\_\_\_

## CONTRACT AGREEMENT

THIS AGREEMENT, made this 29<sup>th</sup> day of December, 2022 between the **DEPARTMENT OF BUDGET AND MANAGEMENT REGIONAL OFFICE VII (DBM ROVII)**, a Government agency organized and existing under the laws of the Philippines, with place of business at **Sudlon, Lahug, Cebu City**, represented in this Contract by **LENIN S. BERNALES**, Acting Director IV, hereinafter called the "Entity" of the one part and **NODAL ELECTRIC TRADE AND SERVICES** with place of business at **Curva, San Vicente, Liloan, Cebu, Philippines**, represented by **GERALDINE E. MAR**, Proprietor, hereinafter referred to as the "Contractor" of the other part;

WHEREAS, the Entity is desirous that the Contractor execute PUBLIC BIDDING NO.: **DBMRO7-2022-22 – Electrical System Rehabilitation in the DBM ROVII Main Building**, hereinafter called "the Works" and the Entity has accepted the Bid in the sum of PESOS: **TWO MILLION SIX HUNDRED NINETY-SEVEN THOUSAND THIRTY-THREE PESOS AND 22/100 (Php2,697,033.22) ONLY** by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, viz.:

- a. Philippine Bidding Documents (PBDs);
  - i. Drawings/Plans;
  - ii. Specifications;
  - iii. Bill of Quantities;
  - iv. General and Special Conditions of Contract;
  - v. Supplemental or Bid Bulletins, if any;
- b. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

- c. Performance Security;
- d. Notice of Award of Contract and the Bidder's conforme thereto; and,
- e. Other contract documents that may be required by existing laws and/or by the Procuring Entity concerned in the PBDs. Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.

3. In consideration for the sum of **TWO MILLION SIX HUNDRED NINETY-SEVEN THOUSAND THIRTY-THREE PESOS AND 22/100 (Php2,697,033.22) ONLY** or such other sums as may be ascertained, **NODAL ELECTRIC TRADE AND SERVICES** agrees to execute and complete the Works and remedy any defects therein in accordance with his/her/its Bid.
4. The **DBM RO VII** agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed on the day and year first before written.



**LENIN S. BERNALES**  
Acting Director IV

for:  
Department of Budget and Management  
Regional Office VII



**GERALDINE E. MAR**  
Proprietor

for:  
Nodal Electric Trade and Services

SIGNED IN THE PRESENCE OF:



**MARICOR U. BAQUIAL**  
Acting Director III



**SHIELA MAE M. FRIZAS**  
Project Engineer

CERTIFIED FUNDS AVAILABLE:



**JANINA I. MAMALO**  
SVBMS/concurrent Accountant III

**ACKNOWLEDGMENT**

REPUBLIC OF THE PHILIPPINES )  
CITY OF CEBU ) S.S.

BEFORE ME, a Notary Public for and in the City of Cebu, Philippines, this 29<sup>th</sup> day of December, 2022 personally appeared:


NAME	IDENTIFICATION NUMBER
LENIN S. BERNALES	<u>DBM ID 1060</u>
GERALDINE E. MAR	<u>PRC ID No. 68687</u>

all known to me to be the same persons who executed the foregoing Contract Agreement and acknowledged that the same is executed with their own free and voluntary act and deed in the capabilities in which they appear.

This instrument refers to the Contract Agreement consisting of twelve (12) pages including this page on which the acknowledgment is written, all of which have been signed by the parties and their witnesses on each and every page thereof.

IN WITNESS WHEREOF, I hereto set my hand and affix my Notarial Seal on the date and at the place indicated.

Doc. No. 48 ;  
Page No. 88 ;  
Book No. 1 ;  
Series of 2022.

  
**ATTY. ROLLY B. MUESTRA, R., CPA**  
 Notary Public for Cebu City  
 NC No. 032/21 until Dec 31, 2022  
 Att. No. 75062  
 2022 IBP Dues paid on 01/11/22 / Cebu Chapter  
 PTR No. 3572796; 01/11/22 Cebu City  
 Exempt pursuant to MCLB Governing Board No. 1  
 Series of 2008; Admitted 09/03/2020  
 COA Region VII, Cebu City

## SUMMARY OF WORK

### 1.0 DESCRIPTION OF THE PROJECT

Complete all works for the **Electrical System Rehabilitation in the DBM ROVII Main Building**, including the supply of all materials, equipment, and systems, as well as the performance of all necessary labor and processes, in accordance with the plans, specifications, the Philippine Bidding Documents and other related contract documents. Completion of work is within **90 Calendar Days beginning seven (7) calendar days from receipt of the Notice to Proceed (NTP)**.

All works to be done shall be in the highest quality of workmanship to the fullest intent and meaning of the plans and specifications unless otherwise specified.

### 2.0 PERMITS, LICENSES AND TAXES

- A. Secure and pay all permits, fees, licenses, taxes, etc. necessary for the execution of the electrical system rehabilitation works.
- B. Prepare a monthly progress report which shall include an overall progress chart based on the actual physical accomplishment of construction work and a progress chart based on actual value of accomplished construction work, among others.

### 3.0 MOBILIZATION & TEMPORARY FACILITIES

- A. Mobilization of all necessary personnel, labor, tools, facilities, and equipment to commence work on the project.
- B. Construction, proper maintenance, and ordering of Temporary Facilities like storage structures such as warehouses or bodega, materials storage yard, worker housing, proper sanitation facilities, health and safety facilities, among others.
- C. Secure all existing equipment, materials, structures, and facilities for re-use with proper inventory. Provision of security and safety measures for the protection of the general public during the electrical system rehabilitation works.
- D. Take all necessary measures to protect all existing facilities, site development, and equipment from damage, loss and dirt. **Nodal Electric Trade and Services** is responsible for the restoration of all existing equipment, materials, structures, and facilities damaged or otherwise affected during the electrical system rehabilitation works.
- E. The **Nodal Electric Trade and Services** shall assume responsibility for losses or damages that may occur to the property or properties of the DBM ROVII during the construction period, provided it has been fully established after due investigation conducted by DBM ROVII and the **Nodal Electric Trade and Services** that the said losses or damages were the result of the act, omission, negligence or fault of the **Nodal Electric Trade and Services'** personnel on-site. However, the **Nodal Electric Trade and Services** shall not be held responsible where such losses or damages were due to force majeure or fortuitous event.

The **DBM ROVII** shall immediately, or as soon thereafter, notify the **Nodal Electric Trade and Services** in writing of any loss or damage, furnishing the latter a complete inventory of such loss or damage to be accompanied by supporting papers/documents to establish the fact of loss or damage as well as the value of the things lost or extent of damage done.

#### 4.0 DEMOBILIZATION AND CLEANING

- A. Demobilize, dismantle and remove all temporary facilities, including all workmen's houses, equipment, tools, personnel and debris out of the project site and premises.
- B. Cleaning of the building and site to a spic and span state, ready for use.
- C. **Nodal Electric Trade and Services'** personnel are prohibited to stay overnight at the Client's building unless authorized. The **Nodal Electric Trade and Services** shall agree to subject its personnel assigned to the project site to security check by authorized security personnel when coming in and leaving the premises. The **Nodal Electric Trade and Services** shall provide a logbook to monitor the attendance of the personnel deployed on-site and inventory of materials stored/delivered to **DBM ROVII**.

#### 5.0 SCOPE OF WORK

##### A. Preliminaries/General Requirements

- Processing of applicable permits and licenses.
- Installation of Project Billboard/Signboard.
- Provision of Materials for the occupational safety and health of onsite personnel.
- Mobilization/Demobilization which includes construction of temporary facilities and removal of structures and obstruction upon completion of the project.

##### B. Earthworks, Plain and Reinforced Concrete Works and Electrical Works

###### 1. Earthworks

- Structure Excavation
- Gravel Fill

###### 2. Plain and Reinforced Concrete Works

- Structural Concrete
- Reinforcing Steel (Deformed)

###### 3. Electrical Works

- Installation of Conduits, Boxes and Fittings (Conduit Works/Conduit Rough-in)
- Installation of Wires and Wiring Devices
- Installation of Panelboard with Main and Branch Breakers

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**6.0 ADDITIONS AND REPAIRS**

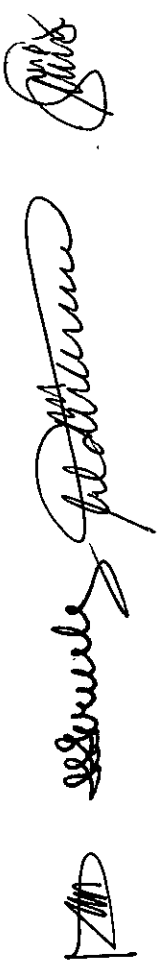
Demolitions and repairs due to **Nodal Electric Trade and Services'** fault shall be done by the **Nodal Electric Trade and Services** without extra compensation to the **DBM ROVII**.

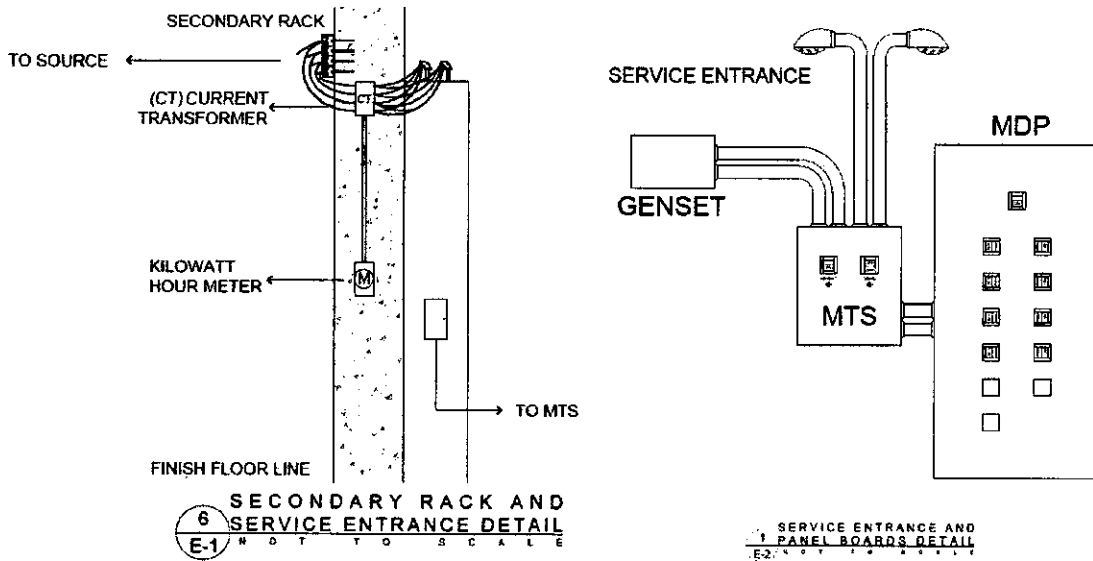
**7.0 ACCEPTANCE OF WORKS**

- A. As soon as the project is satisfactorily inspected and it conforms to the plans and specifications, the **Nodal Electric Trade and Services** shall submit to the **DBM ROVII** a written notice that said project is completed and is subject to the latter's approval.
- B. Within seven (7) days after receipt of notice, authorized representatives of the **DBM ROVII** shall execute notice of approval of the said project.
- C. Upon inspection of an affidavit that the **DBM ROVII** has approved the completion of the project and acceptance thereof, the work is automatically terminated.

**8.0 OTHERS**

- A. The **Nodal Electric Trade and Services** must have a Project Engineer who will supervise the project onsite. The **Nodal Electric Trade and Services** shall inform **DBM ROVII** in case of replacement/changes of personnel assigned at the project site. The replacement must have relevant qualifications and abilities that are equal to or better than those of the personnel being replaced, as evidenced by training certification submitted to **DBM ROVII**.
- B. Organization Set-up: The **Nodal Electric Trade and Services** should have a physical office in Cebu Province with good office set-up, personnel, and office tools and equipment and working phone number for easy contact.
- C. Liquidity of the **Nodal Electric Trade and Services**: Current Asset minus Current Liabilities based on the Balance Sheet as of December 31, 2021 matches at least 25% of the ABC.

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LOAD SCHEDULE "MDP"

Panel: MDP Phase:3 Volts:230 Wire:3+GROUND Demand Factor: 80%																		
CKT#	LOAD DISCRPTION	CODE	UNIT	VA	Kw	VA-total	AMPERE LOAD				PHASE	PROTECTION			INTERP	WIRE SIZE	GROUND WIRE SIZE	CONDUITSIZE
							AB	CA	BC	ACB		Ø	AT	AF				
1	DP1F			32200w	32200					3	175	175	3	ACB	15	2x30	22	53
2	DP2F			29950w	29950					3	175	175	3	ACB	15	2x30	22	53
3	DP3F			30550w	30550					3	175	175	3	ACB	15	2x30	22	53
4	DP4F			31150w	31150					3	175	175	3	ACB	15	2x30	22	53
5	PB5			17500w	17500					3	100	100	3	ACB	10	2x30	22	53
6	PB6			15900w	15900					3	100	100	3	ACB	10	2x30	22	53
	PB7			16250w	16250					3	100	100	3	ACB	10	2x30	22	53
	PB8			15550w	15550					3	100	100	3	ACB	10	2x30	22	53
	SPACE			5000w	5000													
	SPACE			5000w	5000													
	SPACE			5000w	5000													
Main/Total						204050												

<p>Computations:</p> <p>Main Feeder Line</p> $I_p = \frac{(204050 \times .8) + (32200 \times 1.25)}{230(1.732)}$ <p><math>I_p = 510.9 A</math></p> <p>use: 2x3-150mm² THW, Cu, Stranded 1-60mm² TW, Cu, Stranded 2-76mmØ Conduit size RSC PIPE</p>	<p>Feeder Protection</p> $I_t = \frac{(204050 \times .8) + (32200 \times 2)}{230(1.732)}$ <p><math>I_t = 571.44 A</math></p> <p>use: 600 AT / 600 AF 230V, 3P BOLT ON TYPE, G.E</p>	<p>Gen-Set: @ 0.8 Capacity Factor</p> $I_g = \frac{204050}{0.8}$ <p>= 255 Kva</p> <p>use: 255 Kva 240 V- 60 cps, 3Ø</p> <p>Generator</p>	<p>Transformer</p> <p>P = MDP</p> <p>= 204050</p> <p>= 204 Kva</p> <p>use: 3 - 75 Kva pole mounted</p>
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2 SCHEDULE OF LOADS  
E-2 NOT TO SCALE

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# DRAWINGS

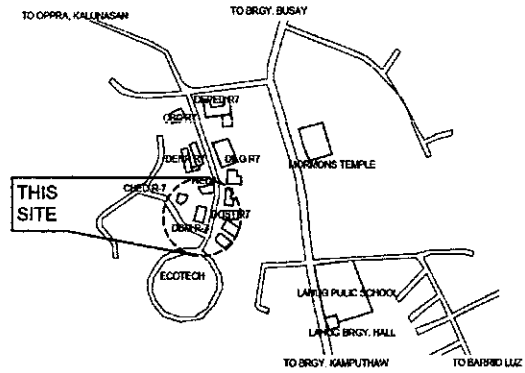
## GENERAL NOTES:

- ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC), THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.
- THE ELECTRICAL SERVICE POWER IS 1-PHASE, 2-WIRE + GROUND 230V AC, 60Hz.
- WIRING METHOD SHALL BE AS FOLLOWS:  
A. FEEDERS AND RISERS - INTERMEDIATE METALLIC CONDUIT  
B. LIGHTING, POWER RECEPTACLE - POLYVINYL CHLORIDE CONDUIT  
C. BRANCH CKT., & AUXILIARY - THICK WALL
- ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THIN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5mm AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15mmØ TRADE/NOMINAL SIZE.
- ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
- EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO THE ELECTRICAL SYSTEM AS PER PHILIPPINE ELECTRICAL CODE REQUIREMENT.
- MAIN FEEDER CONDUCTORS SHALL BE IDENTIFIED AS COLOR BLACK AND GROUNDING CONDUCTOR SHALL BE IDENTIFIED AS COLOR GREEN FOR THREE-PHASE AND COLOR WHITE FOR SINGLE PHASE.
- MOUNTING HEIGHT OF WIRING DEVICES SHALL AS FOLLOWS:  
A. LIGHTING SWITCH - 1.50m ABOVE FINISH FLOOR LINE TO THE CENTER OF THE SWITCH.  
B. CONVENIENCE OUTLET - 0.30m ABOVE FINISH FLOOR LINE  
C. PANEL BOARD - 1.80m ABOVE FINISH FLOOR LINE  
D. EMERGENCY LIGHT OUTLET - 0.30m BELOW CEILING LINE

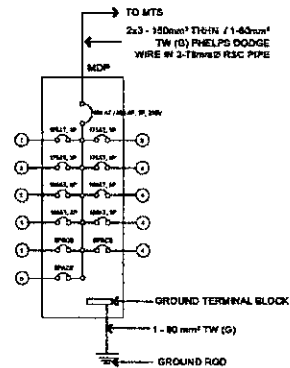
- PRIOR TO THE INSTALLATION OF ELECTRICAL LIGHTINGS FOR THIS BUILDING, AN INSULATION TEST IS TO BE CONDUCTED BY THE AWARDED BIDDER/CONTRACTOR WITH THE PRESENCE OF THE PROJECT ENGINEER OF BOTH PARTIES (CONTRACTOR AND DPWH) AND THE ELECTRICAL ENGINEERS OF THE DPWH-CCDEO
- A CERTIFICATION DULY SIGNED BY THE ELECTRICAL ENGINEER (REE) ALREADY TESTED AND SHALL BE AMONG THE SUPPORTING DOCUMENT IN THE CONTRACTORS CLAIM FOR PAYMENT TO ENSURE THAT THE ELECTRICAL INSTALLATION ARE SAFE AND TESTED PRIOR TO PAYMENT.
- IN THE FINAL INSPECTION OF THE DISTRICT INSPECTORATE TEAM (DIT) THE PROJECT ENGINEER SHALL CONDUCT INSPECTION WITH THE PARTICIPATION OF THE ELECTRICAL ENGINEER (REE) AND SUBSEQUENTLY PREPARES "PUNCH LIST" REFLECTING ALL DEFICIENCIES NOTED DULY SIGNED BY BOTH THE PROJECT ENGINEER AND THE ELECTRICAL ENGINEER (REE).

## LEGEND:

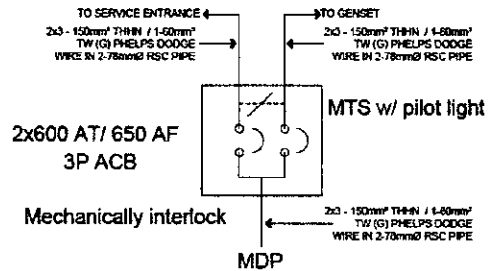
SYMBOL	DESCRIPTION
	PANEL BOARD, MARKED AS BASED ON PLAN
	MAIN DISTRIBUTION PANEL, MARKED AS BASED ON PLAN
	MANUAL TRANSFER SWITCH, MARKED AS BASED ON PLAN
	WALL MOUNT SINGLE DOOR TYPE POWDER COATED CARBON STEEL 3R WITH BACK PANEL AND 600AMPS G.E. CIRCUIT BREAKER BOLT-ON TYPE.
	12"x12"x6" PULLBOX POWDER COATED CARBON STEEL 3R WITH BACK PANEL
	SERVICE METER
	SERVICE ENTRANCE



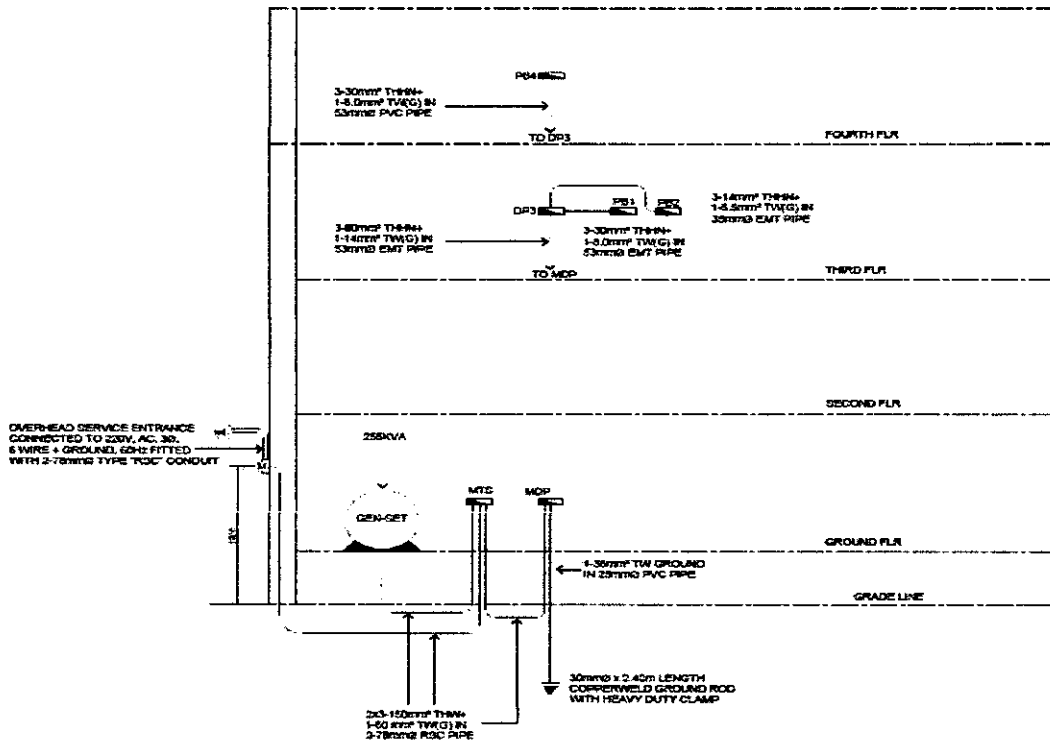
3 VICINITY MAP  
E-1 NOT TO SCALE



4 SINGLE LINE DIAGRAM - MDP  
E-1 NOT TO SCALE

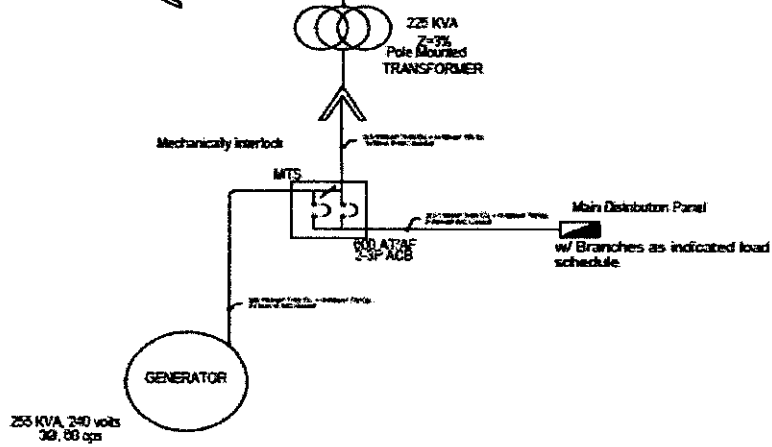


5 SINGLE LINE DIAGRAM - MTS  
E-1 NOT TO SCALE



1 RISER DIAGRAM  
E-3 NOT TO SCALE

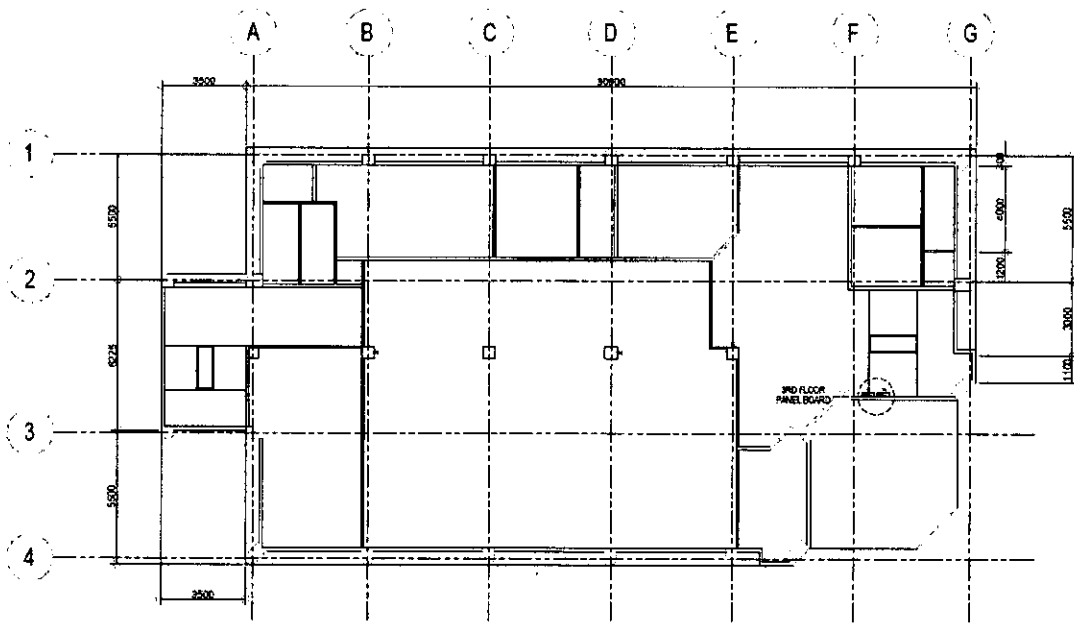
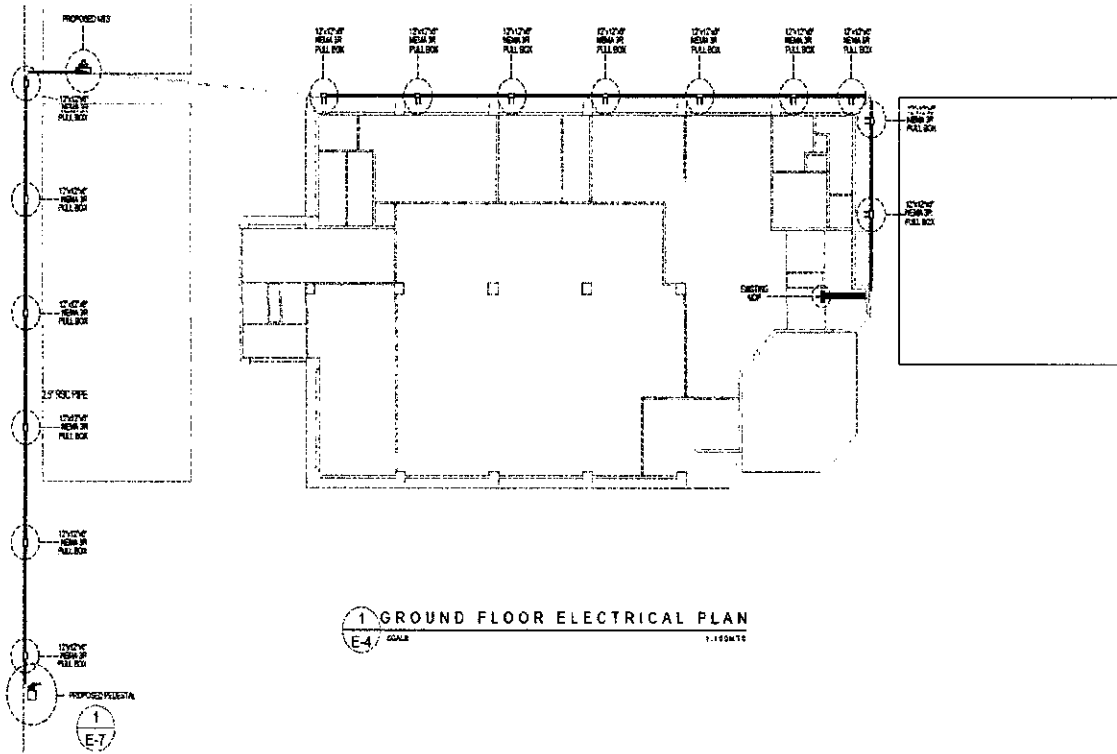
SCHEMATIC DIAGRAM



TRANSFORMER SYSTEM TIE-UP AND GEN-SET CAPACITY

2 SCHEMATIC DIAGRAM  
E-3 NOT TO SCALE

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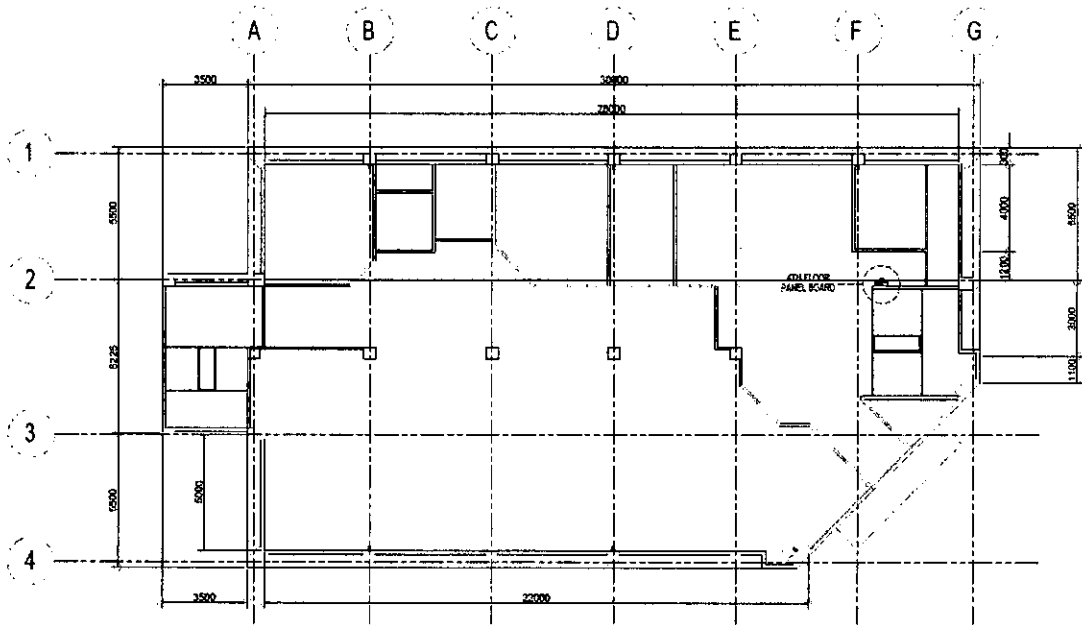
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*[Signature]*

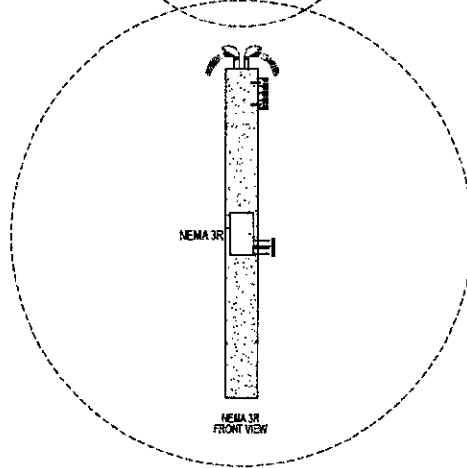
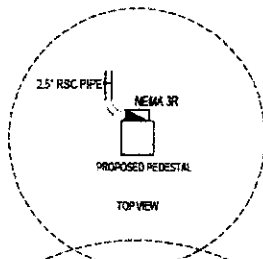
*[Signature]*

*[Signature]*

*[Signature]*

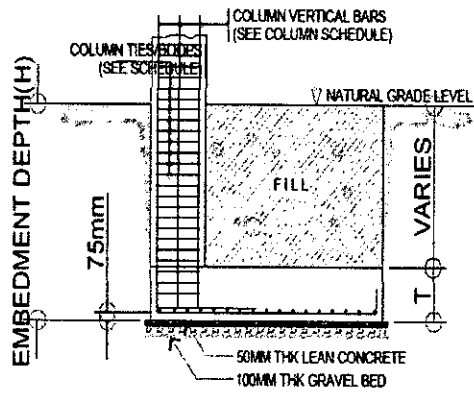


1 FOURTH FLOOR ELECTRICAL PLAN  
E-6 SCALE 1:100MTG

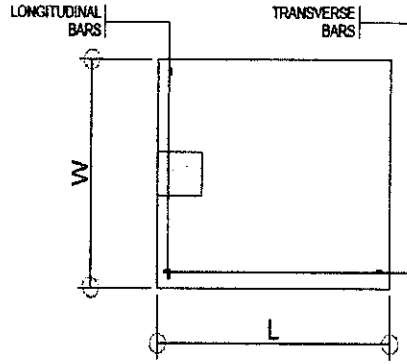


1 PROPOSE PEDESTAL DETAILS  
E-7 NOT TO SCALE

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2. *Handwritten signature*  
3. *Handwritten signature*  
4. *Handwritten initials*

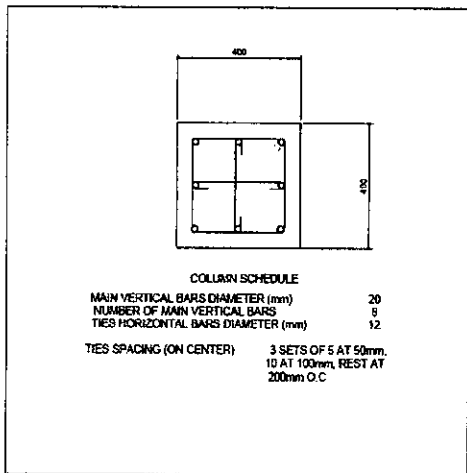


SECTION



REINFORCEMENT LAYOUT PLAN

2 COLUMN AND FOOTING DETAIL  
E-7 NOT TO SCALE



MARK	L (mm)	W (mm)	T (mm)	H (mm)	REINFORCEMENT		REMARKS
					LONGITUDINAL	TRAVERSE	
F1	1400	1400	300	1000	12-16mm <sup>2</sup>	12-16mm <sup>2</sup>	ECCENTRIC

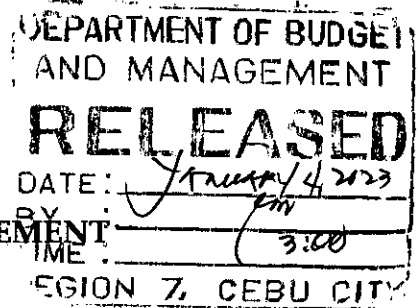
3 COLUMN DETAIL  
E-7 NOT TO SCALE

4 FOOTING DETAIL  
E-7 NOT TO SCALE

*[Handwritten signatures and initials on the left margin]*



REPUBLIC OF THE PHILIPPINES  
DEPARTMENT OF BUDGET AND MANAGEMENT  
REGIONAL OFFICE VII



**NOTICE TO PROCEED**

January 4, 2023

**GERALDINE E. MAR**

Proprietor  
Nodal Electric Trade and Services  
Curva, San Vicente, Liloan, Cebu

Dear **Engr. Mar:**

The attached Contract Agreement having been approved, notice is hereby given to **Nodal Electric Trade and Services** that work may commence on the **Electrical System Rehabilitation in the DBM ROVII Main Building** project, effective **seven (7) calendar days from receipt of the Notice to Proceed (NTP).**

Upon receipt of this notice, you are responsible for performing the services under the terms and conditions of the Contract Agreement and in accordance with the Implementation Schedule.

Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. Keep one copy and return the other to the **Department of Budget and Management, Regional Office VII.**

Truly yours,

 Digitally signed  
by Bernales  
Lenin Sotto

**LENIN S. BERNALES**  
Acting Director IV



I acknowledge receipt of this Notice on Jan 4, 2023

Name of the Representative of the Bidder: Geraldine Mar

Authorized Signature: 