



Republic of the Philippines
SOUTHERN LUZON STATE UNIVERSITY
Lucban, Quezon



REQUEST FOR QUOTATION

UPGRADING OF ELECTRICAL FACILITIES OF MAIN CAMPUS (PMO)

Purchase Request No. 2025-07-1846

Approved Budget for the Contract: ₱ 900,000.00

The Southern Luzon State University through the Bids and Awards Committee invites interested firms/supplier to submit quotation for the procurement of **Upgrading of Electrical Facilities of Main Campus (PMO)** to apply the sum of **Nine Hundred Thousand Pesos Only (₱ 900,000.00)** inclusive of VAT, being the **Approved Budget for the Contract (ABC)**, details as follows:

Qty.	Unit	ITEM/S DESCRIPTION
1	lot	Upgrading of Electrical Facilities of Main Campus

1. The quotation-n must be submitted (can also be send thru email at the contact details listed below) or to the Office of the Procurement Office/Bids and Awards Committee, Southern Luzon State University, 2nd Flr. Hermano Puli Building, and shall be received by the Committee.

E-mail : slsuprocedurement@slsu.edu.ph

2. The SLSU reserves the right to reject any or all quotations and/or proposals and waive any formalities/ informalities therein and to accept such bids it may consider as most advantageous to the agency and to the government. Southern Luzon State University SLSU neither assumes any obligation for whatsoever losses that may be incurred in the preparation of bids, nor does it guarantee that an award will be made.


MARIDEL C. ZABELLA

Director, Procurement Office
Southern Luzon State University
Lucban, Quezon
Tel. No.: (042)540-6519

Republic of the Philippines
SOUTHERN LUZON STATE UNIVERSITY
Project Management Office
Lucban, Quezon

PROJECT TITLE: UPGRADING OF ELECTRICAL FACILITIES . MAIN CAMPUS

PROJECT LOCATION: SLSU MAIN Campus, Lucban, Quezon

OWNER : Southern Luzon State University

MODE OF IMPLEMENTATION : By Contract

ABC : P

PROJECT DESCRIPTION : INSTALLATION OF ELECTRICAL WIRES AND CIRCUIT BREAKERS FOR LED MONITOR,
UPGRADING OF ELECTRICAL FACILITIES, TAPPING OF YES PARK COFFEE SHOP MAIN BREAKER AND REPAIR OF ELECTRICAL WIRINGS FOR
LABORATORY SCHOOL

PROJECT DURATION : 60 Days

SUMMARY

ITEM	DESCRIPTION	COST OF MATERIALS	COST OF LABOR AND EQUIPMENT	TOTAL
I	Electrical Works			
		TOTAL ESTIMATED DIRECT COST		P
		OVERHEAD, CONTINGENCIES & MISC.(OCM)		P
	INDIRECT COST	CONTRACTOR'S PROFIT		P
		VALUE ADDED TAX (VAT)		P
		TOTAL PROJECT COST		P

TOTAL PROJECT COST IN WORDS: _____

CONTRACTOR/BIDDER: _____



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PROJECT TITLE: UPGRADING OF ELECTRICAL FACILITIES *gc* MAIN CAMPUS
PROJECT LOCATION: SLSU MAIN Campus, Lucban, Quezon
OWNER : Southern Luzon State University
MODE OF IMPLEMENTATION : By Contract
PROJECT DESCRIPTION : INSTALLATION OF ELECTRICAL WIRES AND CIRCUIT BREAKERS FOR LED MONITOR,
UPGRADING OF ELECTRICAL FACILITIES, TAPPING OF YES PARK COFFEE SHOP MAIN BREAKER AND REPAIR OF ELECTRICAL
WIRINGS FOR LABORATORY SCHOOL
PROJECT DURATION : 60 Days

BILL OF MATERIALS

I. Electrical Works				
Quantity	Unit	Description	Unit Cost	Total Cost
	set	UPGRADING OF ECB BOX NEMA 1 FOR 400AT 3POLE WITH COMPLETE LUGS AND GROUNDING		
	set	MCB MAIN CIRCUIT BREAKER, 1- 1000AT/1000AF , 230V,COMPLETE LUGS AND GROUNDING NEMA 12		
	set	ECB 175AT 2P, NEMA 1 SINGLE PHASE: (GE, SCHNEIDER or ABB) MAIN: 175AT/250AF, 2P, 230V, MCCB WITH GROUNDING AND COMPLETE ACCESSORIES		
	set	ECB 70AT 2P, NEMA 3R SINGLE PHASE: (GE, SCHNEIDER or ABB) MAIN: 70AT/100AF, 2P, 230V, MCCB WITH GROUNDING AND COMPLETE ACCESSORIES		
	pcs	175AT/250AF, 2P, 230V, MCCB: (GE, SCHNEIDER or ABB)		
	pcs	2" dia PVC Pipes, 3m		
	pcs	1" dia PVC Pipes, 3m		
	lm	THHN Wire 100 sq. mm		
	lm	THHN Wire 50 sq. mm		
	lm	THHN Wire 14 sq. mm		
	lm	THHN Wire 8.0 sq. mm		
4.00	box	THHN Wire 5.5 sq.mm		
4.00	box	THHN Wire 3.5 sq.mm		
1	lot	Consumables		

Sub - Total P

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PROJECT TITLE: UPGRADING OF ELECTRICAL FACILITIES I *in* MAIN CAMPUS
PROJECT LOCATION: SLSU MAIN Campus, Lucban, Quezon
OWNER : Southern Luzon State University
MODE OF IMPLEMENTATION : By Contract
PROJECT DESCRIPTION : INSTALLATION OF ELECTRICAL WIRES AND CIRCUIT BREAKERS FOR LED MONITOR,
UPGRADING OF ELECTRICAL FACILITIES, TAPPING OF YES PARK COFFEE SHOP MAIN BREAKER AND REPAIR OF ELECTRICAL
WIRINGS FOR LABORATORY SCHOOL
PROJECT DURATION : 60 Days

GANTT CHART/CONSTRUCTION SCHEDULE

Item	Description	Duration (days)	Duration (Days)												
			5	10	15	20	25	30	35	40	45	50	55	60	
I	ELECTRICAL WORKS														
	Fabrication of ECB Panels	15													
	Installation of ECB Panels, Electrical Wiring and Pipe Line	5													
	Tapping of LED Monitor Main breaker to DP and ECB	5													
	Upgrading and Tapping of 400AT Circuit Breaker, continuity and line checking for three panel boards	15													
	Tapping of yes park coffee shop to 400AT ECB	5													
	Repair and installation of electrical wirings for Laboratory schools	45													
	Testing and Commissioning	50													

Prepared by:

in
Engr. Ivan Gerald B. Mecija
Project Development Officer 1

Reviewed by:

in
Engr. Joel Morales
Project Development Officer 1

Recommending Approval:

in
Engr. Melvin A. Wainagay
Director, Project Management Office

Approved by:

in
Dr. Frederick T. Villa
University President

Republic of the Philippines
Southern Luzon State University
Project Management office
Lucban, Quezon

PROJECT TITLE: UPGRADING OF ELECTRICAL FACILITIES *✓* MAIN CAMPUS

PROJECT LOCATION: SLSU MAIN Campus, Lucban, Quezon

OWNER: Southern Luzon State University

PROJECT DESCRIPTION : INSTALLATION OF ELECTRICAL WIRES AND CIRCUIT BREAKERS FOR LED MONITOR, UPGRADING OF ELECTRICAL FACILITIES, TAPPING OF YES PARK COFFEE SHOP MAIN BREAKER AND REPAIR OF ELECTRICAL WIRINGS FOR LABORATORY SCHOOL

PROJECT DURATION: 60 days

SUBJECT: Specification and Scope of works

SPECIFICATION OF MATERIALS AND FINISHES

GENERAL

- All materials shall be new and shall conform to the reference Code and Standard. All Materials and Equipment shall be subjected to testing.
- All items with specified approved brand, manufacturer, supplier, fabricator, trademark and the like shall be strictly followed.
- Electrical materials shall be as specified in the electrical drawing details as shown in the plans and bill of quantities.
- All lighting and Power Panels shall be NEMA-1 enclosure with three-phase main circuit breaker, 3 poles and/or single phase 2 poles circuit breaker in the branch circuits as detailed in drawing. Use only one (1) brand of circuit breaker. Preferred brand of circuit breakers is G.E., Schneider Electric, ABB, Fuji. or their equivalent in quality.
- All wires and cables shall comply with the requirements of the Underwriter's Laboratories, The ASTM and IPCEA as they apply in the particular.
- Wires and cables for lighting, power and auxiliary systems shall be nylon, jacketed, plastic insulated for 600 volts working pressure, type THHN/THWN unless otherwise noted. Type TW, colored white for grounding. Feeder cable shall be type THW-2.
- For lighting system, no wire smaller than 3.5 mm² THHN/THWN shall be used for homerun circuit.
- For power system, no wire smaller than 3.5 mm² THHN shall be used. Smallest size of grounding wire 3.5mm².
- All feeder cables/wires shall be color coded and as manufactured by the Phelps Dodge, Duraflex, or approved equal. A substitute of color coding can be by properly identifying phase wire with colored tape at each end. 1 mark of red tape for line A, 2 marks of yellow tape for line B and 3 marks of blue or black for line C. Color coding of wires are as follows:

1.1 Line A – Red

1.2 Line B – Yellow

1.3 Line C – Blue

Ground wire – White

Control wire – Yellow

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- No conduits shall be used in any system smaller than 20mm diameter, electric trade size, Location and sizes of pull boxes shall be cleared to the Engineer prior to fabrication and installation.
- All materials and equipment to be installed shall be of approved quality and should be presented to the Owner for approval prior to Installation.
- Other items not mentioned in the specifications but are included in the installation shall be subjected to be pre-approved by the owner.

SCOPE OF WORKS

I. ELECTRICAL WORKS

- All electrical works shall provide all materials and equipment and perform all the works necessary for the complete execution of the electrical system shown on the electrical drawings with the reference to the general construction drawings as herein specified, or both except as otherwise excluding the generality of the foregoing, shall include but not limited to the following principal items of the works.
- All works shall be in accordance with the governing codes and regulations of the latest edition of the Philippine Electrical Code, with the rules and regulations of the National and Local Authorities concerned in enforcement of electrical laws and ordinance and with the rules and regulation of the utility companies concerned.
- Supply and Installation of ECB Panels.
- Supply and Installation of electrical wire and cable.
- Supply and Installation of electrical pipe line.
- Tapping of ECB 175AT 2pole to Distribution Panel.
- Tapping of ECB 70AT 2pole to ECB 400AT 3pole.
- ECB for 175AT shall be NEMA-1 enclosure in wall mounted. All panels shall be finished in light gray enamel (ANSI # 61).
- ECB for 70AT shall be NEMA-3R enclosure in wall mounted. All panels shall be finished in light gray enamel (ANSI # 61).
- Replacement of 175AT 2pole from Distribution Panel.
- Upgrading of Enclosure with grounding for 400AT circuit breaker
- Tapping of 400AT Circuit Breaker to powerhouse
- Continuity and line checking for the three panel boards and 400AT as per plan

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- Tapping of yes park coffee shop MAIN BREAKER 200AT to ECB 400AT
- Repair and Installation of electrical wiring for Laboratory schools.
- The Contractor shall coordinate the work with the Project Management office to expedite the implementation of the project, most specially, during the milestones of the project.
- The Contractor shall supply all finishing accessories and furnishing fixtures as may be approved by the power or representative and shall be installed by the Contractor whenever required by the Owner or Representative.
- All works must be done within the timeline calendar days given except for Sundays and Holidays.
- Testing and Commissioning

Prepared by:


ENGR. IVAN GERALD B. MECIJA
Project Development Officer 1

Reviewed by:


ENGR. JOEL MORALES
Project Development Officer 1

Recommending approval:


ENGR. MELVIN A. MAKIPAGAY
Director, Project Management Office

Approved by:


Frederick T. Villa, D.T
University President

Republic of the Philippines
Southern Luzon State University
Project Management office
Lucban, Quezon

PROJECT TITLE: UPGRADING OF ELECTRICAL FACILITIES | *gk* MAIN CAMPUS

PROJECT LOCATION: SLSU MAIN Campus, Lucban, Quezon

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PROJECT DESCRIPTION : INSTALLATION OF ELECTRICAL WIRES AND CIRCUIT BREAKERS FOR LED MONITOR, UPGRADING OF ELECTRICAL FACILITIES, TAPPING OF YES PARK COFFEE SHOP MAIN BREAKER AND REPAIR OF ELECTRICAL WIRINGS FOR LABORATORY SCHOOL

PROJECT DURATION: 60 days

SUBJECT: Specification and Scope of works

MINIMUM TECHNICAL PERSONNEL AND EQUIPMENT

QUANTITY	MINIMUM TECHNICAL PERSONNEL
1	Electrical Technician

QUANTITY	MINIMUM EQUIPMENT
1 unit	Drill

Prepared by:

imu
ENGR. IVAN GERALD B. MECIJA
Project Development Officer 1

Reviewed by:

Joel Morales
ENGR. JOEL MORALES
Project Development Officer 1

Recommending approval:

Melvin A. Makipagay
ENGR. MELVIN A. MAKIPAGAY
Director, Project Management Office

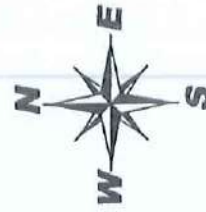
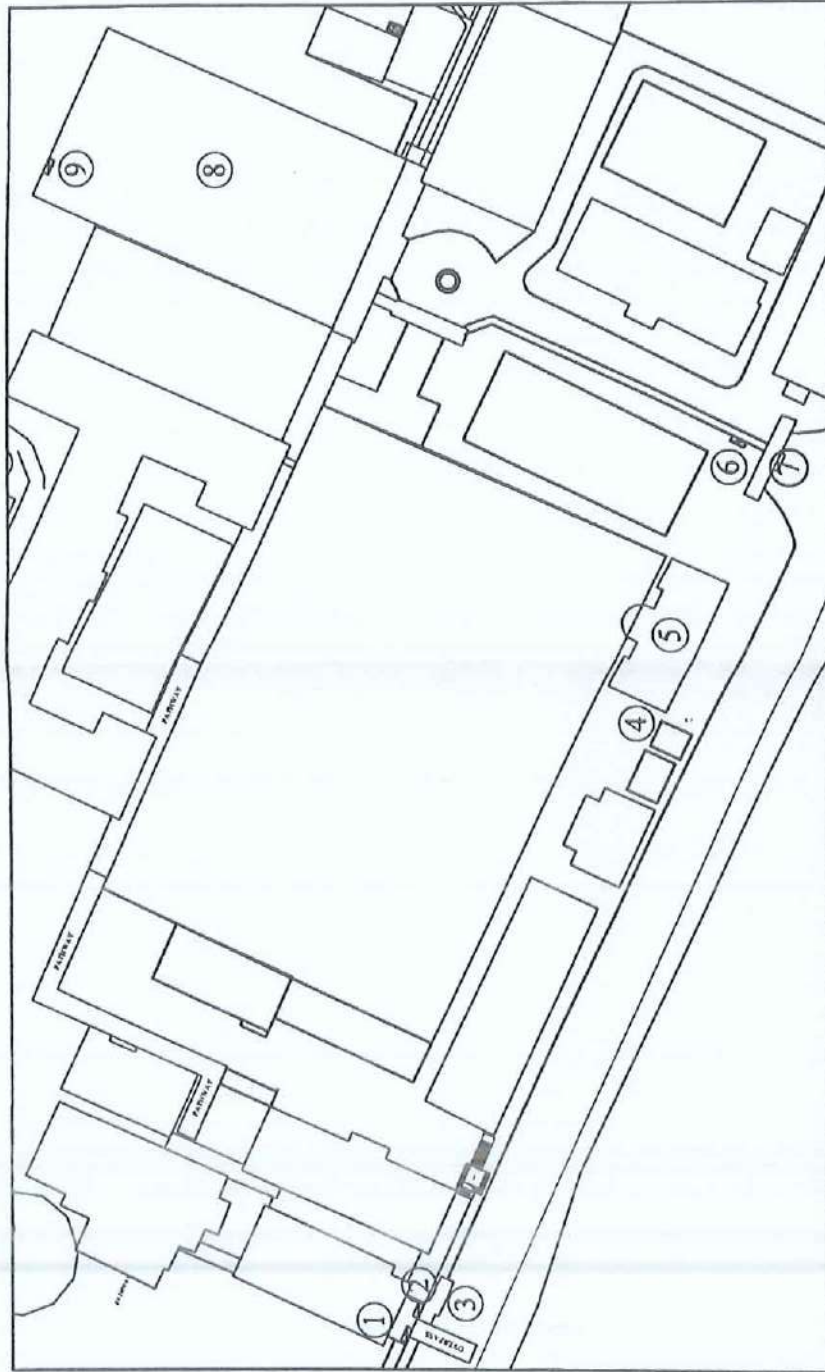
Approved by:

Frederick T. Villa
Frederick T. Villa, D.T
University President

LEGEND:

1. ECB 400AT
2. PROPOSED ECB 70AT FOR OUTDOOR LED MONITOR
3. GATE 2 RFID
4. POWERHOUSE
5. INTERNATIONAL AFFAIRS AND GRADUATE SCHOOL BUILDING
6. DISTRIBUTION PANEL
7. GATE 4
8. SLSU GYMNASIUM
9. PROPOSED 17SAT FOR INDOOR LED MONITOR

CAMPUS LAND USE PLAN OF SOUTHERN LUZON STATE UNIVERSITY- LUCBAN MAIN CAMPUS

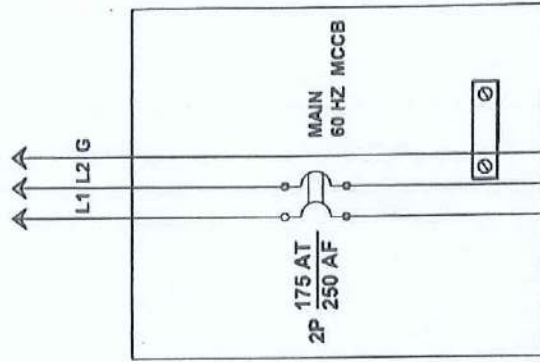


DESIGNER/ CIVIL ENGINEER	PROJECT TITLE	PLANNED BY	DESIGNED BY	RECOMMENDED APPROVED	APPROVED BY	SHEET CONTENTS	SHEET #
<div> <div>NAME</div> <div>DATE</div> <div>DATE</div> <div>DATE</div> </div>	UPGRADING OF ELECTRICAL FACILITIES MAIN CAMPUS	<div>NAME</div> <div>DATE</div> <div>DATE</div> <div>DATE</div>	<div>NAME</div> <div>DATE</div> <div>DATE</div> <div>DATE</div>	<div>NAME</div> <div>DATE</div> <div>DATE</div> <div>DATE</div>	<div>NAME</div> <div>DATE</div> <div>DATE</div> <div>DATE</div>	<div>NAME</div> <div>DATE</div> <div>DATE</div> <div>DATE</div>	<div>NAME</div> <div>DATE</div> <div>DATE</div> <div>DATE</div>
		ENGR. WILSON G. MORALES	ENGR. JOEL MORALES	ENGR. MEL MORALES	DR. FREDERICK T. VILLA		
				DIRECTOR, PROJECT MANAGEMENT OFFICE	UNIVERSITY PRESIDENT		

MAIN : 175 AT, 2P, 230 V
USE : (2-50 sq.mm THHN Copper Wire) +
(1-14sq.mm THHN Copper Wire) in 32mmØ

1. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, APPLICABLE ORDINANCES, RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AND REQUIREMENTS OF THE LOCAL POWER COMPANY.

2. ALL WIRING SHALL BE INSTALLED IN STANDARD CONDUITS RUN EMBEDDED IN CONCRETE AND HOLLOW BLOCK STRUCTURES, COLUMNS, WALLS, PARTITIONS, AND OR RUN CONCEALED BETWEEN DOUBLE WALL PARTITIONS AND INSIDE THE CEILING SPACES. WHERE THE USE OF THE CONCEALED CONDUIT WIRING IS IMPRACTICABLE, SURFACE METAL MOULDING MAYBE USED.
3. WHEREVER REQUIRED AND NECESSARY, PULL BOXES OR JUNCTION BOXES OF PROPER SIZES SHALL BE INSTALLED AT CONVENIENCE AND INCONSPICUOUS LOCATIONS, ALTHOUGH SUCH BOXES ARE NOT SHOWN ON THE PLAN NOR MENTIONED IN THE SPECIFICATIONS.
4. THE ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER AND REGISTERED MASTER ELECTRICIAN.



OUTGOING TO INDOOR LED MONITOR

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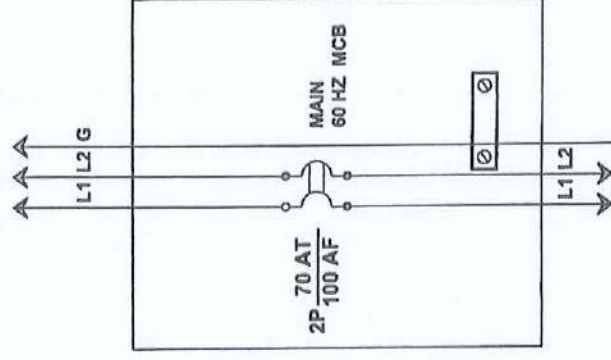
PANEL : ECB 70AT 2P
240V, 1Ø, 60Hz

MAIN : 70 AT, 2P, 230 V
USE : (2-14 sq.mm THHN Copper Wire) +
(1-8.0sq.mm THHN Copper Wire) in 20mmØ

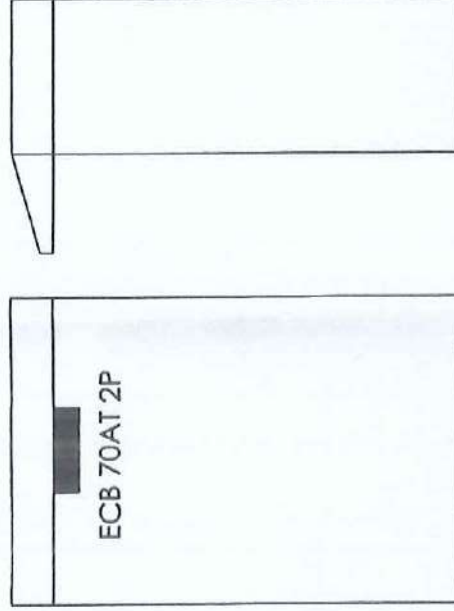
GENERAL ELECTRICAL NOTES:

1. ALL ELECTRICAL WORKS HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, APPLICABLE ORDINANCES, RULES AND REGULATIONS OF THE LOCAL GOVERNMENT AND REQUIREMENTS OF THE LOCAL POWER COMPANY.
2. ALL WIRING SHALL BE INSTALLED IN STANDARD CONDUITS RUN EMBEDDED IN CONCRETE AND HOLLOW BLOCK STRUCTURES, COLUMNS, WALLS, PARTITIONS, AND OR RUN CONCEALED BETWEEN DOUBLE WALL PARTITIONS AND INSIDE THE CEILING SPACES. WHERE THE USE OF THE CONCEALED CONDUIT WIRING IS IMPRACTICABLE, SURFACE METAL MOULDING MAY BE USED.
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4. THE ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT AND IMMEDIATE SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER AND REGISTERED MASTER ELECTRICIAN.
5. ENCLOSURE FOR ECB 70AT 3P B SHALL BE NEMA-3R. BOTTOM ENTRY, BOTTOM EXIT

INCOMING FROM 400AT
SINGLE PHASE, 240V, 60HZ



OUTGOING TO OUTDOOR LED MONITOR



DATE	REVISION	PROJECT TITLE	DESIGNED BY	CHECKED BY	APPROVED BY	DATE	REVISION	PROJECT TITLE	DESIGNED BY	CHECKED BY	APPROVED BY	DATE
		UPGRADING OF ELECTRICAL FACILITIES MAIN CAMPUS	ENGR. RYAN L. B. MEGUA	ENGR. JOSE TORALES	ENGR. MELVIN L. KIPAGAY			UPGRADING OF ELECTRICAL FACILITIES MAIN CAMPUS	ENGR. RYAN L. B. MEGUA	ENGR. JOSE TORALES	ENGR. MELVIN L. KIPAGAY	
DATE	DATE	DATE	DATE	DATE	DATE			DATE	DATE	DATE	DATE	
PLACED	PLACED	PLACED	PLACED	PLACED	PLACED			PLACED	PLACED	PLACED	PLACED	