



Republic of the Philippines
SOUTHERN LUZON STATE UNIVERSITY
Lucban, Quezon

REQUEST FOR QUOTATION

ELECTRICITY SUPPLY AND DISTRIBUTION TO BUILDING AND CAMPUS (TAYABAS)

Purchase Request No. 2024-08-1640

Approved Budget for the Contract: ₱500,000.00

The Southern Luzon State University through the Bids and Awards Committee invites interested firms/supplier to submit quotation for the procurement of **Electricity Supply and Distribution to Building and Campus (Tayabas)** to apply the sum of **Five Hundred Thousand Pesos Only (₱ 500,000.00)** inclusive of VAT, being the **Approved Budget for the Contract (ABC)**, details as follows:

Qty.	Unit	ITEM/S DESCRIPTION
1	lot	General Requirements
1	lot	Solar Street Lights and Electrical Works
		*see attached document for specifications

1. The quotation 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 : slsuprourement@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
Head, Procurement Office
Southern Luzon State University
Lucban, Quezon
Tel. No.: (042)540-6519

Republic of the Philippines
Southern Luzon State University
Planning and Development office
Lucban, Quezon

JUN 27 2024

4:06 p.m.

PROJECT TITLE: Electricity Supply and Distribution to Building and Campus
PROJECT LOCATION: SLSU Tayabas Campus, Brgy. Ibabang Palale, Tayabas, Quezon
OWNER: Southern Luzon State University
PROJECT DURATION: 30 Calendar days (Except Regular Holidays)
SUBJECT: Specification of Materials, Finishes and Scope of Work

SPECIFICATION OF MATERIALS, FINISHES AND SCOPE OF WORK

GENERAL

- All applicable provisions of the different divisions of the Specifications for each work shall apply for all items cited in this schedule.
- Discrepancy arising from this section of the Contract Documents must be brought to the attention of the Owner or representative Architect/Engineer whose decision shall be final.
- Materials deemed necessary to complete the works but not specifically mentioned in the Specification, Working, Drawing, or in the Contract Document shall be supplied and installed or applied in a workmanlike manner at prescribe or appropriate locations following the Standard Practice of Civil Engineering, National Building Code of the Philippines and Construction Procedures.
- All items with specified approved brand, manufacturer, supplier, fabricator, trademark and the like shall be strictly followed.
- 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 Regular Holidays.

INTERPRETATION OF CONTRACT

- a. In case of conflict between the provisions of the Agreement or of any Contract Document, or between the provisions of one of the Contract Documents and the provisions of another Contract Document, or in case of discrepancy, defective description, error or omission in the Contract, the following rules shall be followed:

Republic of the Philippines
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- Rule 1: The Agreement and the Contract Documents shall be taken as mutually explanatory of one another. The various provisions of the Contract shall be interpreted together, attributing to the 5 doubtful ones that sense which may result from all of them taken jointly.
- Rule 2: The provisions of the Civil Code of the Philippines on the interpretation of contracts and of the Rules of Court on the Interpretation of Documents shall be applied.
- Rule 3: Where the conflict between or among the provisions of the Agreement and/or the Contract Documents cannot be resolved by Rules 1 and 2, it shall be understood that:
- a. the Detailed Drawings shall prevail over the General Drawings;
 - b. words and figures shall prevail over the Drawings;
 - c. words shall prevail over figures in Contract Documents;
 - d. written dimensions shall prevail over measured dimensions.
- Rule 4: Where the conflict cannot be resolved by applying Rule 3 or where Rule 3 does not apply, the conflict shall be resolved by giving precedence to the Agreement or to provisions of a Contract Document higher in order of priority among the various documents which comprise the Contract. The order of priority among these documents shall be as follows:
- e. Agreement as modified by Notice of Award of Contract, if such be the case, and the Contractor's conformity thereto;
 - f. Instruction to Bidders and any amendment thereto;
 - g. Addenda to Bid Documents;
 - h. Specifications;
 - i. Drawings;
 - j. Special Conditions of Contract;
 - k. General Conditions of Contract;
 - l. Other Contract Documents; and
 - m. Other documents forming part of the Contract attached thereto or incorporated therein by reference.

Where the order of precedence is modified in the Agreement, such modified order of precedence shall be followed; however, the mere listing of Contract Documents in the Agreement or any Contract Document shall not be interpreted as establishing an order of precedence among them.

- Rule 5: Where there is discrepancy, defective description, error or omission in any Contract Document, the Contract Documents shall be interpreted as being complementary to each other. Thus, what is called for in one Contract Document, although not mentioned in another Contract Document where it should have been mentioned, shall be deemed to be called for by the Contract.
- Rule 6: The apparent silence of the Drawings, Specifications or any other Contract Document as to any detail, or the lack of detailed description concerning any part of the work, shall be understood to mean that good and accepted construction practice in accordance with the usage or custom of the place shall be followed.

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Rule 7: Rules 1 to 6 shall yield to specific rules of interpretation in this document or in the Contract.

- b. The Owner shall resolve the conflict, or interpret or explain such discrepancy, defective description, error or omission.
- c. The interpretation of or explanation by the Owner shall be issued in the form of instructions to the Contractor. Where the Owner fails to issue the instruction in writing, the execution of that part of work affected by the interpretation or explanation without a timely objection or protest of the Owner shall be deemed to have been executed in accordance with the Owner's explanation or interpretation.
- d. In all cases where a device, item or part of equipment is referred to in the singular number, it is intended that such reference shall apply to as many such devices, items, or parts as are required to complete the work.

I. GENERAL REQUIREMENTS

Mobilization/Demobilization

- Mobilization shall include all activities and associated costs for transportation of Contractor's personnel, equipment, and operating supplies to the site; establishment of temporary field offices, and other necessary general facilities for the Contractor's operations at the site; premiums paid for performance and payment bonds, including co-insurance and re-insurance agreements as applicable.
- Demobilization shall include all activities and costs for transportation of personnel, equipment, and supplies not required or included in the contract from the site; including the disassembly, removal and the site cleanup of temporary offices and other facilities assembled on the site specifically for this contract.

Project Billboards

- The two (1) Project Billboards shall be strategically placed within the site vicinity; (As provided on the General Guidelines and Legal Mandates of the Commission on Audit to promote good governance through transparency and accountability, notifications to the public and other forms of announcement and/or publicity for or otherwise relating to the Projects/Programs/Activities (PPA) shall be made at the least possible cost.) Hence, for infrastructure projects, two (1) tarpaulin signboards must be suitably framed for outdoor display at the project location, and shall be posted as the award has been made. The design and format of the tarpaulin as shown below shall have the following specifications, as per RA 9184 Requirements:

Tarpaulin:	White
Resolution:	70 dpi
Font Size:	Main Information – 3" Sub Information – 1"
Font Color:	Black

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Contents:	CONSTRUCTION OF (Name of Project and Location)
	CONTRACTOR :
	DATE STARTED :
	CONTRACT COMPLETION DATE :
	CONTACT COST :
	IMPLEMENTING OFFICE/ CONTACT NO. :
	SOURCES OF FUND :

II. SOLAR STREET LIGHTS AND ELECTRICAL WORKS

SOLAR STREET LIGHTS

- Excavation of foundation
- Reinforced Concreting of footing and concrete pedestal class B.
- Supply and Installation of Solar Panel with LED light 50W (3 sets) or other equivalent material approved by Representative Engineer.
- Supply, Fabrication and Installation of street light metal post.
- All materials and equipment to be installed shall be approved quality and should be presented to Southern Luzon State University / Representative Engineer for approval prior to installation.
- All materials shall be new and shall conform to the reference Code and Standard. Use of materials shall hereafter be governed by other requirements, imposed on the specification. Materials shall be subjected to test if necessary, for their fitness if so required.
- Solar Street light post must be painted of Epoxy Primer or other equivalent material approved by Representative Engineer.

ELECTRICAL 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.
- Contractor shall furnish all labor, equipment and materials as may be approved by the owner or his/her representative and shall perform all operations with electrical system shown in the drawings, their test and inspection complete in accordance with specifications and drawings and subject to terms and conditions of the contract and materials not specifically mentioned to bring the electrical system to operating condition and ready for use by the owner.

Republic of the Philippines
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- Electrical materials shall be as specified in the electrical drawing details as shown in the plans and bill of quantities.
- Custom built Main Distribution Panel Board (MDLP & MDPP) shall be NEMA-1 enclosure in semi-flushed wall mounted. All panels shall be finished in light gray enamel (ANSI # 61) over a rust inhibitor.
- 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 Schneider Electric, ABB, Fuji, G.E. 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 grinding. 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. Branch tap to lighting fixture/outlet and switch wire can be 2.0mm² THHN/THWN.
- For power system, no wire smaller than 3.5 mm² THHN shall be used. Smallest size of grounding wire 2.0mm² TW.
- 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:

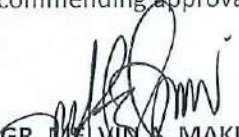
1.1 Line A – Red	Ground wire – White
1.2 Line B – Yellow	Line C – Blue or Black
1.3 Control wire #01 – Yellow	Control wire #02 – Blue
- Metallic conduits for interior and exterior systems shall be a standard weight, mild, steel, hot dip galvanized with an interior coating as manufactured by Matsushita, Sumitomo, McGill or their approved equal. μ PVC nonmetallic conduits embedded in concrete slabs, concrete wall and partitions shall be high-impact type, schedule 40 by Emerald or approved equal.
- 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.

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Prepared by:


ENGR. JOEL E. MORALES
Assistant Planning Engineer

Recommending approval:


ENGR. MELVIN A. MAKIPAGAY
Director, PDO Infrastructure Development

Approved by:


FREDERICK T. VILLA, DT
University President

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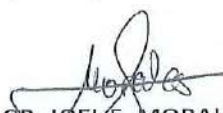
PROJECT TITLE: Electricity Supply and Distribution to Building and Campus
PROJECT LOCATION: SLSU Tayabas Campus, Brgy. Ibabang Palale, Tayabas, Quezon
OWNER: Southern Luzon State University
PROJECT DURATION: 30 Calendar days (Except Regular Holidays)
SUBJECT: Technical Personnel and Equipment

TECHNICAL PERSONNEL AND EQUIPMENT


QUANTITY	TECHNICAL PERSONNEL
1	Foreman
2	Skilled Worker
2	Laborers

QUANTITY	EQUIPMENT
1 unit	Bagger mixer
1 unit	Welding Machine


Prepared by:


ENGR. JOEL E. MORALES
Assistant Planning Engineer

Recommending approval:


ENGR. MELVIN A. MAKIPAGAY
Director, PDO Infrastructure Development

Approved by:


FREDERICK T. VILLA, DT
University President

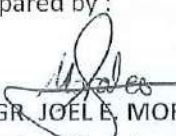
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PROJECT TITLE : Electricity Supply and Distribution to Building and Campus
PROJECT LOCATION: SLSU Tayabas Campus, Brgy. Ibabang Palale, Tayabas, Quezon
MODE OF IMPLEMENTATION : By Contract
PROJECT DURATION : 30 Calendar Days (Except Regular Holidays)

PERT-CPM/GANTT CHART

ITEM	TASK NAME	DURATION		TIMELINE										
				3	6	9	12	15	18	21	24	27	30	
I.	GENERAL REQUIREMENTS													
	Mobilization/ Demobilization	30	days											
	Testing and Commisioning	1	days											
II.	SOLAR STREET LIGHTS AND ELECTRICAL WORKS													
	Solar Street Lights													
	Concreting	10	days											
	Fabrication and installation of metal post	8	days											
	Application of Epoxy Primer	2	days											
	Electrical Works													
	Installation of Utility Box	6	days											
	Electrical piping layout	4	days											
	Installation of Electrical Wiring and outlet	4	days											

Prepared by :


ENGR. JOEL E. MORALES
Assistant Planning Engineer

Recommending Approval:


ENGR. MELVIN A. MARKIPAGAY
Director, PDO-Infrastructure Development

Approved by:


FREDERICK T. VILLA, DT
University President

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PROJECT TITLE : Electricity Supply and Distribution to Building and Campus

PROJECT LOCATION: SLSU Tayabas Campus, Brgy. Ibabang Palale, Tayabas, Quezon

OWNER : Southern Luzon State University

ABC : P 500,000.00

PROJECT DURATION : 30 Calendar Days

PROJECT BRIEF DESCRIPTION : Additional Electrical Layout for SLSU Tayabas Campus Main Building
And construction of Solar Street Lights

SUMMARY

ITEM	DESCRIPTION	COST OF MATERIALS	COST OF LABOR AND EQUIPMENT	TOTAL
I	GENERAL REQUIREMENTS			
II	SOLAR STREET LIGHTS AND ELECTRICAL WORKS			
TOTAL PROJECT COST P				

TOTAL PROJECT COST IN WORDS: _____

CONTRACTOR/BIDDER: _____



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PROJECT TITLE : Electricity Supply and Distribution to Building and Campus
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OWNER : Southern Luzon State University
PROJECT DURATION : 30 Calendar Days

BILL OF MATERIALS

I. GENERAL WORKS/ EARTHWORKS						
Quantity	Unit	Description	Direct Cost	Indirect Cost (VAT/OCM/PROFIT)	Unit Cost	Amount
	lot	Mobilization/Demobilization				
	lot	Testing and Commissioning				

SUB TOTAL P

II. REINFORCED CONCRETE WORKS/FORMWORKS/IRON AND TRUSS WORKS						
Quantity	Unit	Description	Direct Cost	Indirect Cost (VAT/OCM/PROFIT)	Unit Cost	Amount
	m	Electrical wire 3.5 mm ² , THHN wire				
	m	Electrical wire 5.5 mm ² , THHN wire				
	m	Electrical wire 22.0 mm ² , THHN wire				
	m	Electrical wire 60.0 mm ² , THHN wire				
	m	Solid Cable wire duct 1" x 1 1/2"				
	pcs	20 AT, 2P Bolt on Type				
	pcs	30 AT, 2P Bolt on Type				
	pcs	175 AT, 2P Bolt on Type				
	set	16 Holes Panel box, Weather Proof Housing				
	pcs	Utility Box				
	pcs	Duplex Convenience Outlet; w/ ground 16A, 230V Universal, recessed mounted				
	pcs	Aircon Outlet; w/ ground 16A, 230V				
	pcs	Oven Outlet; w/ ground 16A, 230V				
	sets	Solar Panel with LED light 50W				
	bags	cement				
	cu.m	gravel 3/4"				
	cu.m	sand				
	pcs	10mm dia RSB x 6m				
	pcs	12mm dia RSB x 6m				
	pcs	G.I. pipe 3" x 6m S40				
	pcs	8" length Anchorbolt with nut and washer				
		10mm Dia.				
	pcs	base plate 150mm x 150mm x 10mm				
	bdf	cocolumber				
	pcs	1/2x4x8 Phenolic Board				
	kg	Assorted Nail (CSW #1, #2, #3 and #4)				
	gal	Epoxy Primer				
	gal	Paint Thinner				
	lot	consumables				

SUB TOTAL P



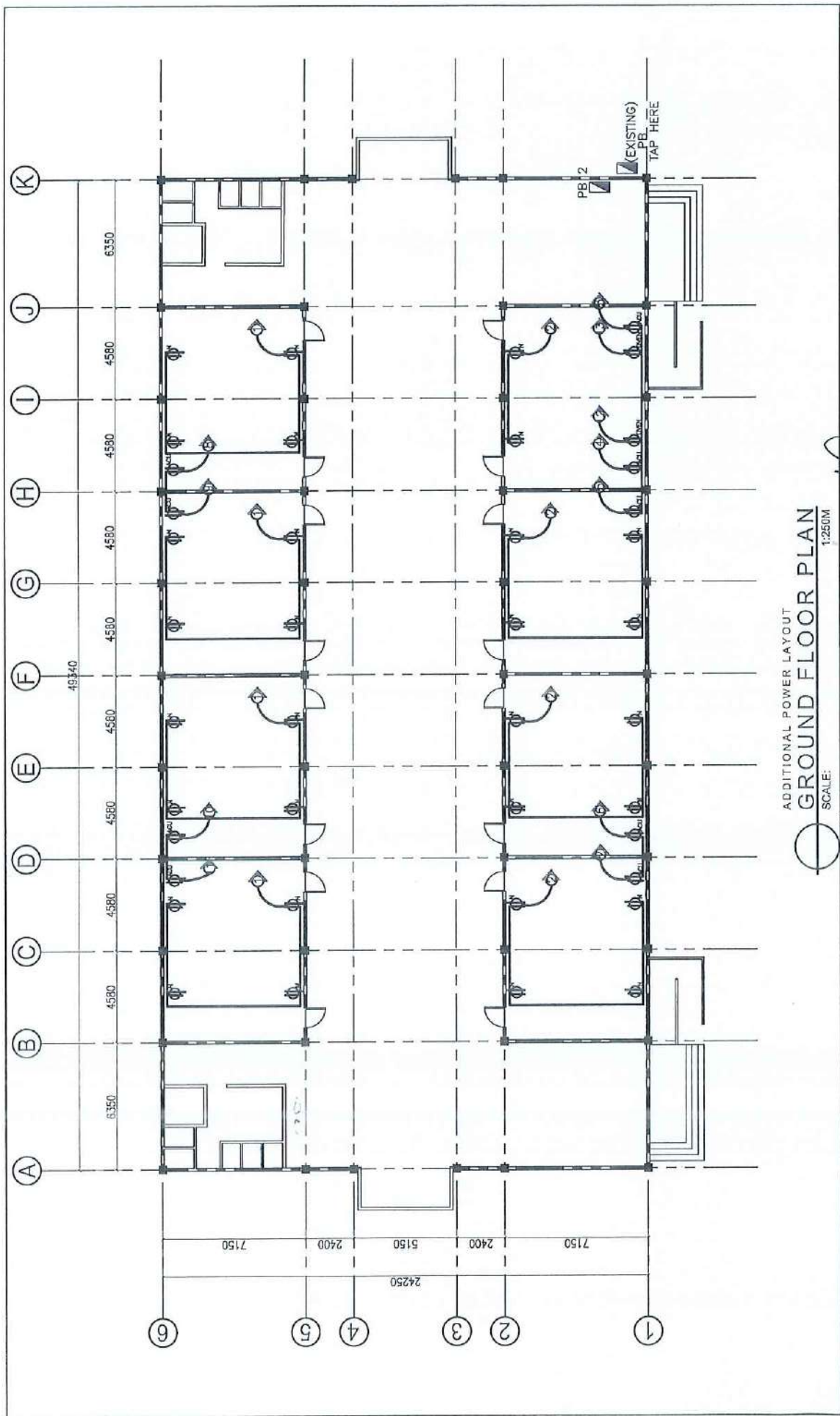
7. ALL ELECTRICAL INSTALLATION SHALL BE DONE UNDER DIRECT SUPERVISION OF DULY LICENSED ELECTRICAL ENGINEER OR MASTER ELECTRICIAN.

1. TAP TO EXISTING PANEL BOARD
LOCATED OUTSIDE THE BUILDING

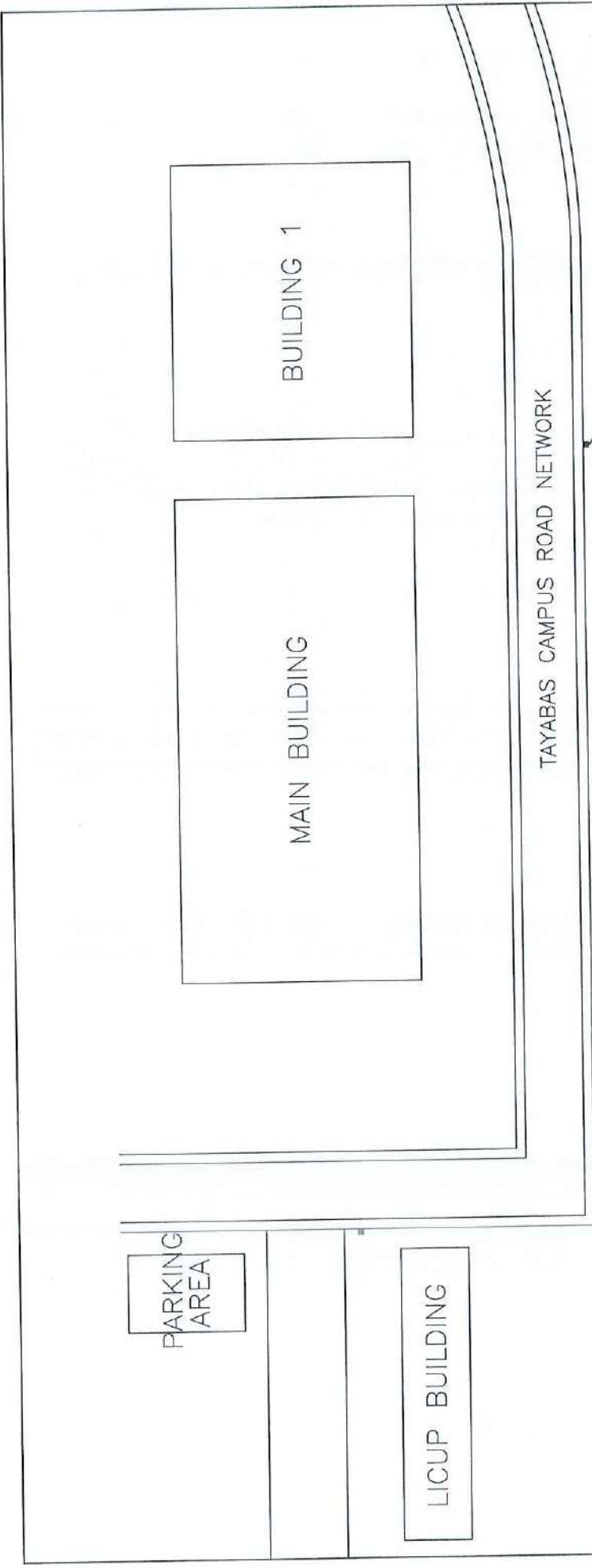
TOTAL WATTS = 36100
$$I_t = 156.96 \text{ A}$$


NTS.

 ENGR. MEINA M. MAGAY DIRECTOR FOR PLANNING & DEVELOPMENT	APPROVED BY:	 FREDERICK T. VILL, DT DIVISION CHIEF	SHEET CONTENT: ALL DOWN	SHEET #
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	CIVIL/STRUCTURAL ENGINEER PROJECT TITLE ELECTRICITY SUPPLY AND DISTRIBUTION TO BUILDING CAMPUS	PLANNED BY: ENGR. JOSE A. AGUIAR ASSISTANT CAMPUS ENGINEER	REVIEWED BY: ENGR. JOSE A. AGUIAR ASSISTANT CAMPUS ENGINEER	RECOMMENDING APPROVAL: ENGR. MELVIN A. MARIAGAY SENIOR PROJECT ENGINEER	APPROVED BY: FREDERICK T. VILL. DT CHIEF ENGINEER	SHEET CONTENT: AS SHOWN SHEET #
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NOTE:

1. NOTE THIS SITE DEVELOPMENT PLAN IS NOT ACCURATE, IT IS ONLY SERVE AS REPRESENTATION OF THE THEORETICAL LOCATION OF THE STREET LIGHT.
2. VERIFY ON SITE THE EXACT LOCATION

LEGEND:

■ SOLAR STREET LIGHT

STREET LIGHT LOCATION
NTS.

	CIVIL/STRUCTURAL ENGINEERS	PROJECT TITLE: ELECTRICITY SUPPLY AND DISTRIBUTION TO BUILDING CAMPUS	PLANNED BY: ENGR. JOSE A. MORALES ARCHITECT/ENGINEER	REVIEWED BY: ENGR. JOSE A. MORALES ARCHITECT/ENGINEER	RECOMMENDING APPROVAL: ENGR. MELVIN A. MAGAGAY ENGINEER FOR LUNASTIC/ENVELOPMENT	APPROVED BY: FREDERICK T. VILL, DT PROPERTY PRESIDENT	SHEET CONTENT: AS SHOWN	SHEET #
	PROJECT NO.: DATE: 11/17/2017 SCALE: 1/8" = 1'-0"							