



Republic of the Philippines
SOUTHERN LUZON STATE UNIVERSITY
Lucban, Quezon



REQUEST FOR QUOTATION

REPAIR, INSTALLATION AND TAPPING OF WIRES FOR LIBRARY AT SLSU TIAONG (GSO)

Purchase Request No. 2025-10-2844

Approved Budget for the Contract: ₱ 200,000.00

The Southern Luzon State University through the Bids and Awards Committee invites interested firms/supplier to submit quotation for the procurement of **Repair, Installation and Tapping of Wires for Library at SLSU Tiaong (GSO)** to apply the sum of **Two Hundred Thousand Pesos Only (₱ 200,000.00)** inclusive of VAT, being the **Approved Budget for the Contract (ABC)**, details as follows:

Qty.	Unit	ITEM/S DESCRIPTION
1	lot	Repair, Installation and Tapping of Wires for Library at SLSU Tiaong

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 : 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

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 : REPAIR, INSTALLATION AND TAPPING OF WIRES FOR LIBRARY AT SLSU TIAONG
PROJECT LOCATION: SLSU Tiaong Campus, Tiaong, Quezon
OWNER : Southern Luzon State University
MODE OF IMPLEMENTATION : By Contract
ABC : P
PROJECT DURATION : 30 Calendar Days

SUMMARY

ITEM	DESCRIPTION	COST OF MATERIALS	COST OF LABOR AND EQUIPMENT	TOTAL
I	General Works	-		
II	Earthworks	-		
III	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 LOCATION: SLSU Tiaong Campus, Tiaong, Quezon

OWNER : Southern Luzon State University

MODE OF IMPLEMENTATION : by Contract

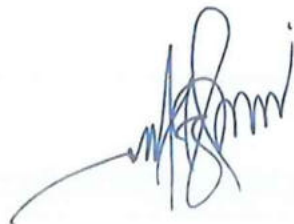
PROJECT DURATION : 30 DAYS

BILL OF MATERIALS

I. General Works (General Requirements)				
Quantity	Unit	Description	Unit Cost	Total Cost
1	lot	Mobilization / Demobilization		
1	lot	Project Identification & Signs, Tarpaulin with Marine Plywood Backing		
Sub - Total			P	

II. Earthworks				
Quantity	Unit	Description	Unit Cost	Total Cost
	lot	Earthfill, Backfill / Compaction, Excavation		
Sub - Total			P	

III. Electrical Works				
Quantity	Unit	Description	Unit Cost	Total Cost
	pcs	2" dia Weather Head Cap		
	pcs	2" dia PVC Pipes, 3m		
	pcs	1/2" dia PVC Pipes, 3m (FOR GROUND)		
	pcs	Solderless Connector 125sq mm		
	1m	THHN Wire 30 sq. mm		
	1m	THHN Wire 8.0 sq. mm (GROUND W/ ROD)		
	pcs	Galvanized Iron Pipe Schedule 4" with Step Ladder		
1	lot	Consumables		
Sub - Total			P	



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PROJECT DURATION : 30 Calendar Days

SUMMARY

ITEM	DESCRIPTION	COST OF MATERIALS	COST OF LABOR AND EQUIPMENT	TOTAL
I	Reinforced Concrete Works			

TOTAL PROJECT COST IN WORDS: _____

CONTRACTOR/BIDDER: _____



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PROJECT DURATION : 30 DAYS

BILL OF MATERIALS

I. Reinforced Concrete Works				
Quantity	Unit	Description	Unit Cost	Total Cost
	bags	Cement		
	cu. m	Gravel		
	cu. m	Sand		
	pcs	16mm Ø RSB, m		
	pcs	12mm Ø RSB, m		
	pcs	10mm Ø RSB, m		
	kgs	Tie Wire		
1	lot	Consumables		
			Sub - Total	P



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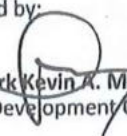
GANTT CHART/CONSTRUCTION SCHEDULE

Item	Description	Duration (days)	Duration (Days)					
			5	10	15	20	25	30
I	REINFORCED CONCRETE WORKS							
	Fabrication & Installation of Reinforcing Bars	10						
	Installation of Forms and Distribution Pipe	15						
	Concrete Pouring	15						

Prepared by:


Engr. Ivan Gerald B. Mecija
Project Development Officer I

Reviewed by:


Engr. Mark Kevin A. Makipagay
Project Development Officer II

Recommending Approval:


Engr. Melvin A. Makipagay
Director, Project Management Office

Approved by:


Dr. Frederick T. Villa
University President

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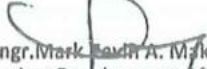
GANTT CHART/CONSTRUCTION SCHEDULE

Item	Description	Duration (days)	Duration (Days)					
			5	10	15	20	25	30
I	GENERAL WORKS							
	Mobilization / Demobilization	5						
	Project Identification & Signs, Tarpaulin with Marine Plywood	30						
II	EARTHWORKS							
	Earthfill, Backfill / Compaction, Excavation	10						
III	REINFORCED CONCRETE WORKS							
	Fabrication & Installation of Reinforcing Bars	10						
	Installation of Forms and Distribution Pipe	15						
	Concrete Pouring	10						
IV	ELECTRICAL WORKS							
	Supply and Installation of Electrical Wire	10						
	Tapping of Library Main breaker to Feeder line	5						
	Testing and Commissioning	5						

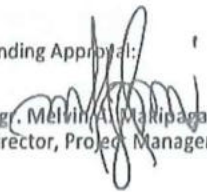
Prepared by:


Engr. Ivan Gerald B. Mecija
Project Development Officer I

Reviewed by:


Engr. Mark Edwin A. Markipagay
Project Development Officer II

Recommending Approval:


Engr. Melvin A. Maripagay
Director, Project Management Office

Approved by:


Dr. Frederick T. Villa
University President

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PROJECT LOCATION: SLSU Tiaong Campus, Tiaong, Quezon
OWNER: Southern Luzon State University
PROJECT DURATION: 30 days
SUBJECT: Specification and Scope of works

MINIMUM TECHNICAL PERSONNEL AND EQUIPMENT

QUANTITY	MINIMUM TECHNICAL PERSONNEL
1	Electrical Technician
2	Worker/Labor

QUANTITY	MINIMUM EQUIPMENT
1 unit	Drill
1 unit	Ladder
1 unit	Concrete Mixer

Prepared by:


ENGR. IVAN GERALD B. MECIJA
Project Development Officer I

Reviewed by:


ENGR. MARK KEVIN A. MAKIPAGAY
Project Development Officer II

Recommending approval:


ENGR. MELVIN A. MAKIPAGAY
Director, Project Management Office

Approved by:


Frederick T. Villa, D.T
University President

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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.
- Excavation for the concrete pedestal footing
- Fabrication and Installation of reinforcing steel bars for the concrete pedestal
- Installation of formworks and GI Pipe on the concrete pedestal
- Concrete pouring with material strength of 3000 psi.
- Supply and Installation of Electrical wire
- Tapping of Library Main breaker to Feeder line
- 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

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Prepared by:


ENGR. IVAN GERALD B. MECIJA
Project Development Officer I

Reviewed by:


ENGR. MARK KEVIN A. MAKIPAGAY
Project Development Officer II

Recommending approval:


ENGR. MELVIN A. MAKIPAGAY
Director, Project Management Office

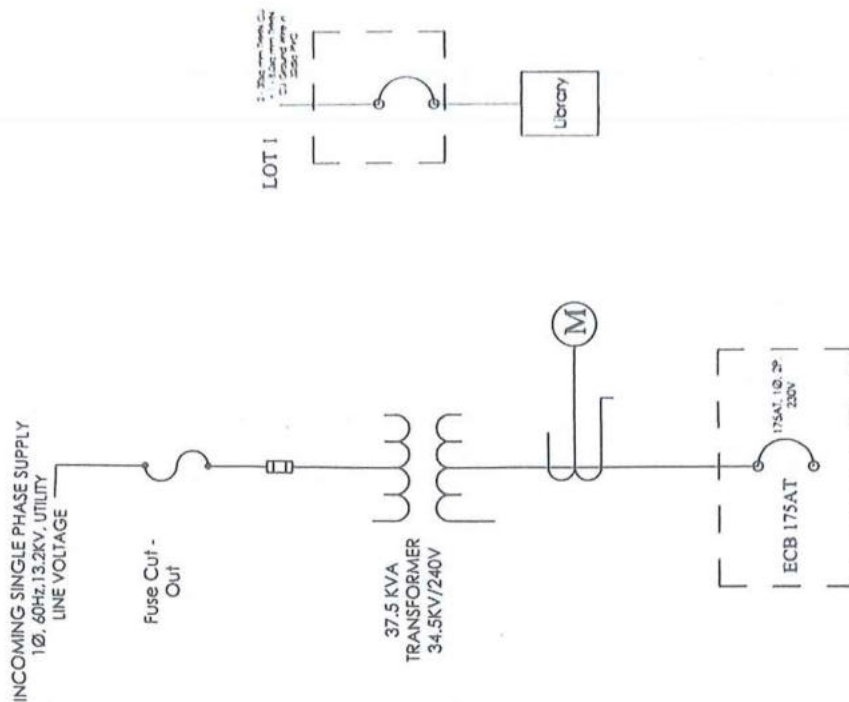
Approved by:


Frederick T. Villa, D.T
University President

FEEDER LINE FOR LIBRARY 240V, 1Ø, 60Hz

LOAD SCHEDULE						
CKT. NO.	DESCRIPTION	NO. OF FIXTURES	VA	VOLT	CIRCUIT AMPERE	CONDUIT
LOT 1	Library	1	18400	230	80	32
					AT	PHASE
					100	2 - 30 sq. mm
					100	1 - 8.0 sq. mm

USE : (2-30 sq.mm THHN Copper Wire) +
(1-8.0mm THHN Copper Wire) OVERHEAD



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 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.

PROJECT TITLE	REPAIR, INSTALLATION AND TAPPING OF WIRES FOR LIBRARY AT SLSU TIAONG	DESIGNED BY	ENGR. MELVIN A. TIAONG	APPROVED BY	DR. FREDERICK T. VILLA	SHEET NO.	E 01
PROJECT NO.	18400	CHECKED BY	ENGR. MELVIN A. TIAONG	REVIEWED BY	ENGR. MELVIN A. TIAONG	DATE	10/10/2023
DATE SUBMITTED	10/10/2023	DATE REVISION	10/10/2023	DATE REVISION	10/10/2023	DATE REVISION	10/10/2023

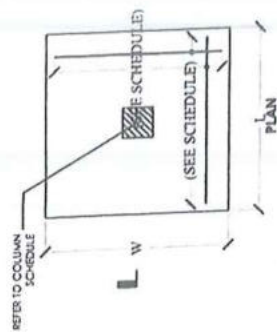
A. GENERAL NOTES

- CONSTRUCTION NOTES AND TYPICAL DETAIL APPLY TO ALL DRAWINGS UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
- SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAM OF ALL STRUCTURAL STEEL, MISCELLANEOUS IRON, PRESTRESS, PRECAST WORKS, ETC. SHALL BE SUBMITTED FOR STRUCTURAL ENGINEER'S APPROVAL.
- CONTRACTOR SHALL VERIFY ALL DIMENSION BEFORE ANY WORK IS BEGUN. CHECK MECHANICAL & ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES ETC. TO BE EMBEDDED IN CONCRETE.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAY BE IMPOSED DURING CONSTRUCTION.
- IN THE INTERPRETATION OF THESE DRAWINGS, INDICATED DIMENSION SHALL GOVERN AND DISTANCES OR SIZES SHALL NOT BE SCALED FOR CONSTRUCTION PURPOSES.
- ALL CONCRETE WORKS SHALL BE DONE IN ACCORDANCE WITH THE LATEST ACI SPECIFICATION, IN SO FAR AS THEY DO NOT CONFLICT WITH LOCAL BUILDING CODE AND THESE NOTES.
- CONCRETE AND REINFORCEMENT
 - ALL CONCRETE SHALL DEVELOP A MINIMUM ULTIMATE COMPRESSIVE STRENGTH AT THE END OF 28 DAYS WITH CORRESPONDING MAXIMUM SIZE OF AGGREGATES AND SLUMPS AS FOLLOWS.

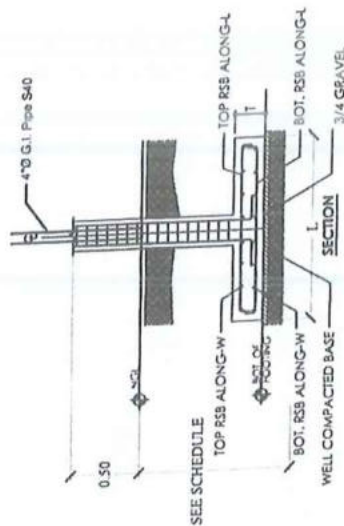
LOCATION	STRENGTH	MAX. SIZE	AGGREGATE	MAX. SLUMP
SLAB ON GRADE & FOUNDATION	20.7 MPa, 3000 Psi	25mm	1 inch	100mm
BEAMS, SLABS, COLUMNS, ALL OTHERS	20.7 MPa, 3000 Psi	18mm	3/4 inch	100mm

 - CONCRETE SHALL BE IN ITS FINAL POSITION WITHOUT FLOWING. PLACING SHALL BE DONE PREFERABLY WITH BUCKETS, BUCKETS OR WHEELBARROWS. NO CHUTES WILL BE ALLOWED EXCEPT TO TRANSFER CONCRETE FROM HOPPERS TO BUCKETS, WHEELBARROWS OR BUCKETS IN WHICH CASE THEY WILL NOT EXCEED 4.000mm IN AGGREGATE LENGTH.
 - NO DEPOSITING OF CONCRETE SHALL BE ALLOWED WITHOUT THE USE OF VIBRATORS UNLESS AUTHORIZED IN THE WRITING BY THE STRUCTURAL ENGINEER AND ONLY FOR UNUSUAL CONDITIONS WHERE VIBRATION IS EXTREMELY DIFFICULT TO ACCOMPLISH.
 - ALL REINFORCING BARS SHALL CONFORM TO ASTM A615, FOR 13MM & BELOW, BARS SHALL BE FREE FROM OIL SCALE OR ANY SUBSTANCE WHICH TEND TO WEAKEN BOND STRENGTH.
 - IN GENERAL THE LATEST EDITION OF ACI-318S MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURE SHALL BE ADHERED TO UNLESS OTHERWISE NOTED.
 - MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:

REINFORCING STEEL	COVER
SUSPENDED SLAB	20MM
SLAB ON GRADE	40MM
WALLS	25MM
BEAM STIRRUPS & COLUMNS TIES	33MM
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORM WHERE CONCRETE IS DEPOSITED	50MM
- SPICES SHALL BE SECURELY WIRE TOGETHER AND LAP EXTEND IN ACCORDANCE WITH TABLE (TABLE OF LAP SPICES AND ANCHORAGE LENGTHS) UNLESS OTHERWISE SHOWN ON DRAWINGS. SPICES SHALL NOT BE MORE THAN 50% OF THE BARS AT ANY ONE POINT.
- CONTRACTOR SHALL NOTE AND PROVIDE MISCELLANEOUS CURBS, STILLS, STOOLS, EQUIPMENT AND MECHANICAL BASES THAT ARE REQUIRED BY THE URAL, ELECTRICAL, AND MECHANICAL DRAWINGS.



4"Ø G.I. Pipe S40



NOTES:

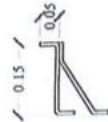
- WELL COMPACTED AND PROPERLY LEVELED GRAVEL BEDDING (100MM THICK) CAN BE USED IN LIEU OF THE LEAN CONCRETE.
- GRADE BEAM REBARS OMITTED FOR CLARITY.
- FOR RECTANGULAR FOOTING: L=LONGER SIDE, W=SHORTER SIDE.
- FOR SQUARE FOOTING: L=W.

SCHEDULE OF COLUMN FOOTINGS					
DIMENSIONS		REINFORCEMENT			
MAKE	LENGTH (M)	THICK (D)	DEPTH (D)	SECTION ALONG L	SECTION ALONG W
F1	800	800	800	800/12	800/12

SCHEDULE OF COLUMNS					
DIMENSION		REINFORCEMENT			
LEVEL	MAKE	B	H	MAIN BAR	SECTION
FOOTING TO ROOF	C1	300	300	Ø10	SET
				Ø10	3

SECONDARY RACK 3 PIN WITH SPOOL INSULATOR

3.9



5.5

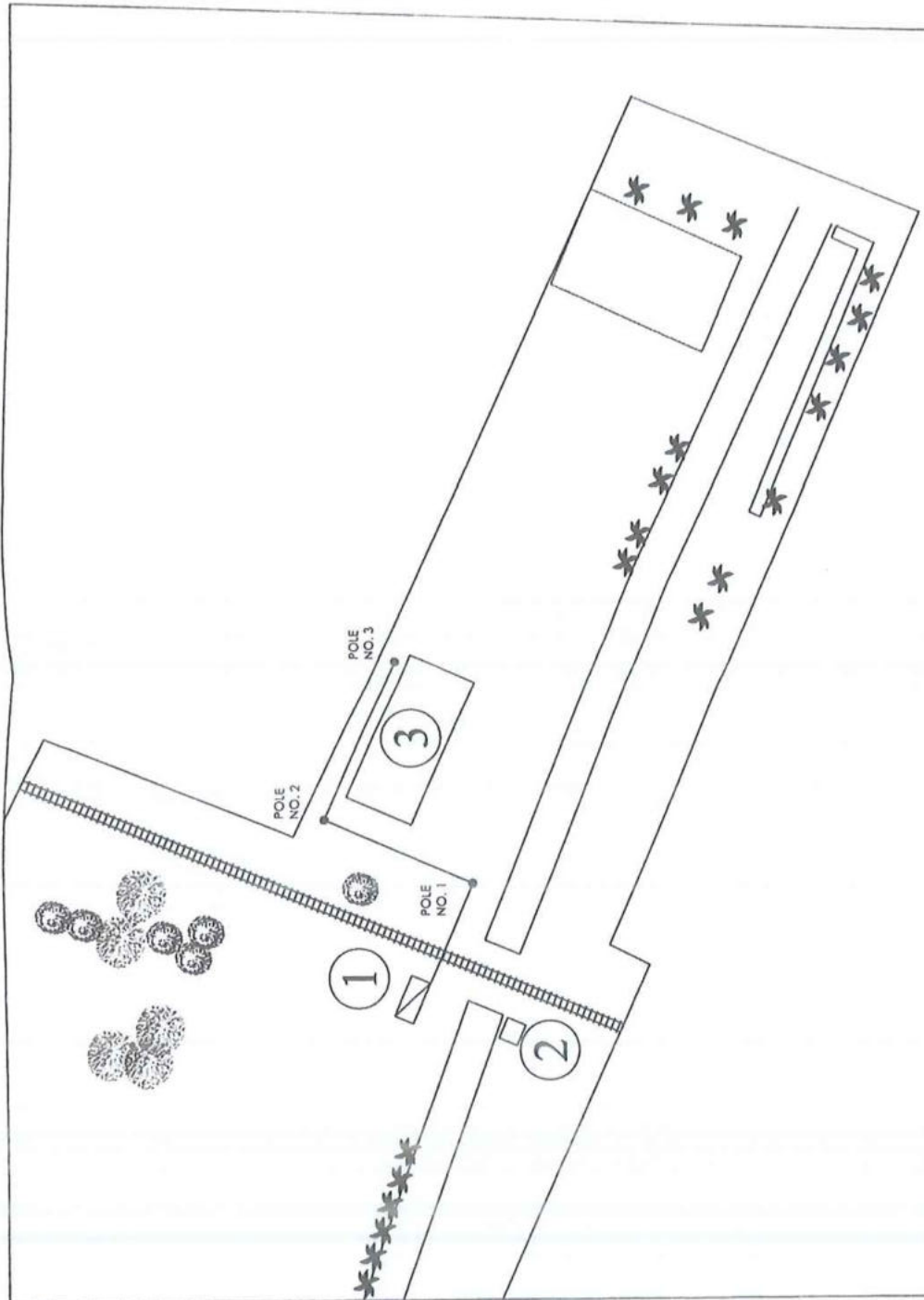
USE 10 mm dia. BAR FULLY WELD CONNECTION ON BOTH SIDE

CONCRETE PEDESTAL

PROJECT TITLE		PROJECT NO.		SHEET NO.	
REPAIR, INSTALLATION AND TAPPING OF WIRES FOR LIBRARY AT SLSU TIAONG		E 02			
DESIGNED BY		CHECKED BY		APPROVED BY	
ENGR. JUAN GERALD B. MECUA		ENGR. JUAN GERALD B. MECUA		DR. FREDERICK T. VILLA	
DATE ISSUED		DATE REVISION		DATE REVISION	
10/10/2022		10/10/2022		10/10/2022	

LEGEND:

1. ECB 175AT 2P
2. GUARD HOUSE
3. LIBRARY BUILDING



○ SITE DEVELOPMENT PLAN
SCALE NTS.

PROJECT TITLE	REPAIR, INSTALLATION AND TAPPING OF WIRES FOR LIBRARY AT SLSU TIAONG	DESIGNED BY	ENGR. YAN GUARD B. MECIA	ENGINEER IN CHARGE	ENGR. MELVIN M. KAPAGAY	APPROVED BY	DR. FREDERICK T. VILLA	SHEET 1	E 03
DATE ISSUED	10/10/2019	DATE CHECKED	10/10/2019	DATE REVISION	10/10/2019	DATE REVISION	10/10/2019	DATE REVISION	10/10/2019
PROJECT NO.	175AT 2P	PROJECT NO.	175AT 2P	PROJECT NO.	175AT 2P	PROJECT NO.	175AT 2P	PROJECT NO.	175AT 2P