



Annex "C-2"

Project: Solar Power and Upgrading Electrical System
Location: SLSU-TOMAS OPPUS, SAN ISIDRO TOMAS OPPUS, SOUTHERN LEYTE
Owner: SOUTHERN LEYTE STATE UNIVERSITY - TOMAS OPPUS CAMPUS

General Requirements

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Site Assessment and Survey	1	lot		
2	Mobilization	1	lot		
3	Permits	1	lot		
4	Health and Safety	1	lot		
5	Temporary Facilities	1	lot		
				Sub-total P	

Procurement and Logistics

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Materials Procurement	1	lot		
2	Logistics Planning	1	lot		
				Sub-total P	

Pre-Installation Phase

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Rerouting of 3-Phased 150mm Electrical Wire	1	lot		
2	Glass wall Partition with sliding glass door for Internet Server (2.4mx3m)	1	lot		
3	Upgrading of Electrical Lines for Presidential Cottage and Dormitories (If Necessary)	1	lot		
				Sub-total P	

Installation of Solar Panel

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Roof Preparation	1	lot		
2	Solar Panel Installation				
2.1	620Wp PV Panel	200	module		
2.2	Aluminum PV Railings Roof, 3.0 Meters	148	length		
2.3	L-foot PV Mounting 40mm	220	set		
2.4	Mid-clamp PV Mounting 40mm	220	pcs		
2.5	End-clamp PV Mounting 40mm	280	set		
2.6	6.0 mm2 PV Wire twin	800	meter		
2.7	3"G.I. Pipe with secondary Rack	21	set		
2.8	MC4 PV Connector 30A	50	pair		
2.9	DC Surge Protection device 600v	42	pcs		
2.10	mini DC Breaker 2p 20A	21	pcs		
2.11	18Way Electrical Circuit Breaker box Himel	21	set		
2.12	4 Way electrical Circuit Breaker box Himel	21	set		
2.13	5.5mm2 auto Wire Black	150	mtrs		
2.14	5.5mm2 auto Wire Red	150	mtrs		
2.15	Pipes and other consumable Hardwares	1	lot		
				Sub-total P	-

Installation of 2 Unit 261KwH Liquid Cooled BESS

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	261KwH Liquid Cooled BESS	1	lot		
2	Freight and Handling	1	lot		
3	Set-Up and Configuration	1	lot		
				Sub-total P	-

Storage Facility

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	4.5x2.5 Storage Facility	1	lot		
				Sub-total P	

Post Installation Phase

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Inspection and Quality Assurance	1	lot		
2	Customer Trainings and Handover	1	lot		
3	Aftersales System Monitoring and Support	1	lot		
Sub-total P					

A. DIRECT COST

- 1 Material Cost
- 2 Labor Cost (30-50% of A.1)

SUB-TOTAL _____

B. INDIRECT COST

- 1 Overhead, Contingencies, and Misc. (12% of A.1)
- 2 VAT, Taxes, Misc. (7% of A.1-4 & B.1)
- 3 Contractor's Profit (10% of A.1-4)

SUB-TOTAL _____

TOTAL PROJECT COST _____

Prepared by: