

Republic of the Philippines Department of Science and Technology PHILIPPINE SCIENCE HIGH SCHOOL- MIMAROPA Region CAMPUS

PROJECT: DESIGN AND BUILD SCHEME INFRASTRUCTURE PROJECT: CONSTRUCTION OF ELECTRICAL DISTRIBUTION SYSTEM (WITH GENSET AND 2 TRANSFORMERS)

LOCATION: BRGY. RIZAL, ODIONGAN, ROMBLON

SUBJECT: BILL OF QUANTITIES

| ITEM NO. | DESCRIPTION | QUANTITY | UNIT | UNIT COST | TOTAL AMOUNT | | | |
|----------|---|----------|------|-----------|--------------|--|--|--|
| SPL -1 | DETAILED ENGINEERING DESIGN | | | | | | | |
| SPL - 2 | GENERAL REQUIREMENTS | | | | | | | |
| 2.1 | Mobilization and Demobilization | | | | | | | |
| 2.2 | Temfacil, Field Office, Warehouse | | | | | | | |
| 2.3 | Permits and Clearance | | | | | | | |
| 2.4 | As-built Plan | | | | | | | |
| 2.5 | Surveying, Staking, Building Layout | | | | | | | |
| 2.6 | Safety Sign- Helmets, Safety Shoes, First Aid Kit, (PPE) | | | | | | | |
| 2.7 | Security Services | | | | | | | |
| SPL -3 | ELECTRICAL WORKS | | | | | | | |
| 3.1 | Main Distribution for Academic Building 1 | | | | | | | |
| 3.2 | Main Distribution for School Canteen | | | | | | | |
| 3.3 | Main Distribution for Dormitory Building 1 | | | | | | | |
| 3.4 | TRANSFER & INSTALLATION OF THE 50KVA GENERATOR | | | | | | | |
| SPL - 4 | AUXILIARY WORKS (ROUGHING INS ONLY) | | | | | | | |
| 4.1 | Public Address Sytem, WLAN/LAN, CATV & Telephone | | | | | | | |
| SPL -5 | MASONRY WORKS | | | | | | | |
| 5.1 | Three way Manhole & Two way Manhole | | | | | | | |
| 5.2 | Auxiliary Handhole | | | | | | | |
| 5.3 | Concrete Pedestal & Service Entrance | | | | | | | |
| 5.4 | Construction of Electrical Raceway | | | | | | | |
| SPL - 6 | CONSTRUCTION OF POWERHOUSE - PHASE 1 (Pls. refer in the Terms of Reference for the scope of works). | | | | | | | |
| 6.1 | STRUCTURAL WORKS | | | | | | | |
| 6.2 | MASONRY WORKS | | | | | | | |
| 6.3 | ELECTRICAL WORKS | | | | | | | |
| 6.5 | DOORS AND WINDOWS | | | | | | | |
| SPL - 7 | EXCAVATION AND BACKFILLING WORKS | | | | | | | |
| 7.1 | EXCAVATION & BACKFILL FOR ELECTRICAL MANHOLES | | | | | | | |
| 7.2 | EXCAVATION & BACKFILL FOR AUXILIARY HANDHOLES | | | | | | | |
| 7.3 | EXCAVATION & BACKFILL FOR MAIN DISTRIBUTION RACEWAY | | | | | | | |
| SPL - 8 | EQUIPMENT, FUEL, OIL AND MAINTENANCE | | | | | | | |
| SPL - 9 | CONSTRUCTION OF MAIN FEEDER OR TRANSMISSION LINE | | | | | | | |
| 9.1 | Main Feeder Wires | | | | | | | |
| 9.2 | 3- Single phase Transformer | | | | | | | |
| 9.3 | Feeder Line Protection | | | | | | | |
| 9.4 | Main Distribution Panel Board | | | | | | | |
| 9.5 | Main Electric Meter | | | | | | | |
| | TOTAL UNIT COST | | | | | | | |

| SPL - 9 | CONSTRUCTION OF MAIN FEEDER OR TRANSMISSION LINE | | | | | | |
|-------------------------------------|--|--|---|-------------------|-----|--|--|
| 9.1 | Main Feeder Wires | | | | | | |
| 9.2 | 3- Single phase Transformer | | | | | | |
| 9.3 | Feeder Line Protection | | | | | | |
| 9.4 | Main Distribution Panel Board | | | | | | |
| 9.5 | Main Electric Meter | | | | | | |
| TOTAL UI | | | | | | | |
| PREPARED BY: | | | | | | | |
| Representative's Name and Signature | | | | Contractor's Name | | | |
| | | | | Address | | | |
| | | | • | Contact No.(| (s) | | |
| | | | | | | | |