



Department of Science and Technology
Philippine Science High School
Central Mindanao Campus
Nangka, Balo-I, Lanao del Norte

Project : COMPLETION OF POWER DISTRIBUTION LINE AND
COMMUNICATION SYSTEM, PHASE 3

BILL OF QUANTITIES - COST ESTIMATES

| ITEM | DESCRIPTION | QUANTITY | UNIT | UNIT COST | TOTAL AMOUNT (Php) |
|------|--|----------|--------|-----------|--------------------|
| 1.0 | GENERAL REQUIREMENTS | | | | |
| 1.1 | Mobilization/Temporary Facility | 1 | lot | | |
| | | | | Total 1.0 | |
| 2.0 | STREET LIGHTING - GYM / DORM 3 | | | | |
| 2.1 | Supply and installation of 20-ft. Single arm Roadway Lamp Post, hot dip galvanized complete with 5" - steel base plate with 4-3/4" x 18" anchor bolt with nuts and washer, hole for maintenance and grounding with plate cover. With 50 watts LED street lights. | 6 | sets | | |
| 2.2 | Pvc Conduits, wire No. 12 , etc , encased in concrete | 1 | lot | | |
| 2.3 | Circuit Breaker, 30A (en losed in G.I. Box) | 1 | Set | | |
| 2.4 | R.C. Foundation | 6 | sets | | |
| 2.5 | Labor | 1 | lot | | |
| | | | | Total 2.0 | |
| 3.0 | PRIMARY LINE EXTENSION | | | | |
| 3.1 | POLE, STEEL, 35-ft NEA standard | 3 | pcs | | |
| 3.2 | Secondary Rack, 3-Phase | 3 | pcs | | |
| 3.3 | Supply and installation 14mm2 thw 600V, 75 deg C, stranded wire by PD. | 450 | meters | | |
| 3.5 | Guy wire, Accessories, etc. | 1 | lot | | |

| ITEM | DESCRIPTION | QUANTITY | UNIT | UNIT COST | TOTAL AMOUNT (Php) |
|------|--|----------|------|-----------|--------------------|
| 3.4 | Labor | 1 | lot | | |
| | | | | Total 3.0 | |
| 4.0 | STREET LIGHTING - ADMIN / CAR PARK | | | | |
| 4.1 | Supply and installation of 20-ft. Single arm Roadway Lamp Post, hot dip galvanized complete with 5" - steel base plate with 4-3/4" x 18" anchor bolt with nuts and washer, hole for maintenance and grounding with plate cover. With 50 watts LED street lights. | 4 | sets | | |
| 4.2 | Conduits, wire, etc | 1 | lot | | |
| 4.3 | Circuit Breaker, 30A (enclosed in G.I. Box) | 1 | Set | | |
| 4.4 | R.C. Foundation | 4 | sets | | |
| 4.5 | Labor | 1 | lot | | |
| | | | | Total 4.0 | |
| 5.0 | PROVIDE AREA LIGHTINGS (Steel Post will be provided by PSHS-CMC, Contractor to remove and haul to designated new location) | | | | |
| 5.1 | Modular LED Street Light, 30 watts with G.I. Arm | 8 | sets | | |
| 5.2 | Conduits, wires, switch, etc | 1 | lot | | |
| 5.3 | Labor | 1 | lot | | |
| | | | | Total 5.0 | |
| 6.0 | COMMUNICATION SYSTEM | | | | |
| 5.1 | Base Radio, Two-way including power supply and antenna | 1 | set | | |
| 5.2 | Portable Hand Held Two-way Radio (including Charger) | 8 | sets | | |
| 5.3 | Consumables | 1 | lot | | |
| 5.4 | Labor | 1 | lot | | |
| | | | | Total 6.0 | |

| ITEM | DESCRIPTION | QUANTITY | UNIT | UNIT COST | TOTAL AMOUNT (Php) |
|---------|-------------------------------------|----------|------|-------------|--------------------|
| SUMMARY | | | | | |
| ITEM | DESCRIPTION | | | | TOTAL AMOUNT (Php) |
| 1.0 | GENERAL REQUIREMENTS | | | | |
| 2.0 | STREET LIGHTING - GYM / DORM 3 | | | | |
| 3.0 | PRIMARY LINE EXTENSION | | | | |
| 4.0 | STREET LIGHTINGS - ADMIN / CAR PARK | | | | |
| 5.0 | PROVIDE AREA LIGHTINGS | | | | |
| 6.0 | COMMUNICATION SYSTEM | | | | |
| | | | | Grand Total | |

CONTRACTOR

Authorized Signatory
Over Printed Name

Date