Republic of the Philippines
Department of Science and Technology
PHILIPPINE ATMOSPHERIC, GEOPHYSICAL AND ASTRONOMICAL SERVICES ADMINISTRATION

( P A G A S A )

**PROPOSED PIPE LAYING OF 2"Φ HDPE PIPE WATER TRANSMISSION LINE & CONCRETING OF 35-m. LENGTH PCCP FOR THE ALBURQUERQUE BOHOL WEATHER SURVEILLANCE DOPPLER RADAR BUILDING**

**SITIO LAM-AO, BRGY. BASACDACU, ALBURQUERQUE, BOHOL**

**DETAILED COST ESTIMATES**

| ITEM NO. | DESCRIPTION | QTY. | UNIT | ESTIMATED DIRECT COST (EDC) | | | | INDIRECT COST (IC) | | | | VAT (5% of EDC + OCM + CP) | AMOUNT | UNIT COST |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | MATERIALS | EQUIPMENT | LABOR | ESTIMATED DIRECT COST | OVERHEAD (7% - 11% of EDC) | CONTINGENCIES (0.5% - 3% of EDC) | MISCELLANEOUS (0.5% - 1% of EDC) | CONTRACTOR'S PROFIT (up to 5M 10% of EDC, 8% of EDC above 5M) | | | |
| **I.** | **General Requirements** | | | | | | | | | | | | | |
| A.1.1(3) | Construction of Field Office for PAGASA Engineer (3.45m. X 2.40m. X 2.40m.) - Rental Basis | 1.00 | L.s. | | | | | | | | | | | |
| | | | **Sub-Total for I** | | | | | | | | | | | |
| **II.** | **Other General Requirements** | | | | | | | | | | | | | |
| B.1 | Offices, Shops, Stores and Workmens Accomodation | 1.00 | L.s. | | | | | | | | | | | |
| B.5 | Project Billboard/Signage | 2.00 | ea. | | | | | | | | | | | |
| B.7(2) | Occupational Safety and Health Program | 1.00 | L.s. | | | | | | | | | | | |
| B.9 | Mobilization and Demobilization | 1.00 | L.s. | | | | | | | | | | | |
| | | | **Sub-Total for II** | | | | | | | | | | | |
| **III.** | **Pipelaying Works** | | | | | | | | | | | | | |
| 1001(1)c, 1002(2) | 2" dia. HDPE Pipe SDR 11 Laying | 3,300.00 | l.m. | | | | | | | | | | | |
| | | | **Sub-Total for III** | | | | | | | | | | | |
| **IV.** | **Portland Cement Concrete Pavement (PCCP) Works** | | | | | | | | | | | | | |
| 105 | Subgrade Preparation | 253.05 | sq.m. | | | | | | | | | | | |
| 200 | Aggregate Sub-base Coarse | 37.96 | cu.m. | | | | | | | | | | | |
| 311(2)a | Portland Cement Concrete Pavement (reinforced) 0.15mm. Thick, incl. formworks | 169.05 | sq.m. | | | | | | | | | | | |
| | | | **Sub-Total for IV** | | | | | | | | | | | |
| **V.** | **Concrete Pedestal and Platform** | | | | | | | | | | | | | |
| 803(1)a | Structure Excavation | 4.17 | cu.m. | | | | | | | | | | | |
| 901(1)c2 | Concrete 3000psi | 1.22 | cu.m. | | | | | | | | | | | |
| 902(1) | Fabrication and Installation of Rebars | 112.00 | kg. | | | | | | | | | | | |
| 903(2) | Formworks | 3.00 | sq.m. | | | | | | | | | | | |
| | | | **Sub-Total for V** | | | | | | | | | | | |
| **VI.** | **Supply and Installation of 6-m. high Flag pole** | | | | | | | | | | | | | |
| - | FLAG POLE 20ft 6m (WITHPULLEY) BottomDiameter:6" Top Diameter:3" Base Plate Diameter: 10"x10" Base Plate thickness:12mm. With anchor bolt, nuts and washer. | 1.00 | L.s | | | | | | | | | | | |
| | | | **Sub-Total for VI** | | | | | | | | | | | |
| | | | **TOTAL PROJECT COST** | | | | | | | | | | | |

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