



Republic of the Philippines
Tourism Infrastructure & Enterprise Zone Authority

MANPOWER & EQUIPMENT

Project: **MT. SAMAT FTEZ - SHRINE SITE ROAD LIGHTING PROJECT**
Location: Mt. Samat Shrine, Pilar Bataan
Duration: 150 CD

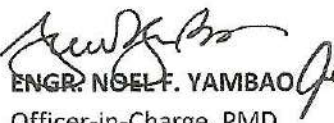
| Minimum Required Manpower | Quantity |
|-----------------------------|----------|
| a. Project Manager | 1 |
| b. Project Engineer | 1 |
| c. Materials Enginner | 1 |
| d. Part-time Safety Officer | 1 |
| e. Certified First Aider | 1 |
| f. Project Foreman | 1 |
| h. Skilled Worker | 12 |
| i. Helper/Laborer | 24 |

| Minimum Required Equipment | Quantity |
|--|----------|
| a. Basic Construction Tools | 1 lot |
| c. Welding Machine | 1 |
| d. Cutting Outfit | 1 |
| e. Truck Mounted Crane, Hydraulic Hydraulic Telescopic Boom w/ Manlift, 2-5M/T | 1 |
| f. Mini Dump Truck (5.0 cu yds capacity) | 1 |

Prepared By:


ENGR. JERRY S. ESPINA
Estimator

Checked by:


ENGR. NOEL F. YAMBAO
Officer-in-Charge, PMD

Noted:


ENGR. JEOFFREY L. MACALALAD
Officer-in-Charge, PEPD



BILL OF QUANTITIES

Project : **MT. SAMAT FTEZ - SHRINE SITE ROAD LIGHTING PROJECT**
 Location : **Mt. Samat Shrine, Pilar Bataan**

| ITEM NO. | DESCRIPTION | UNIT | QTY. | UNIT COST | AMOUNT |
|--------------------|---|-----------------|-----------|-----------|--------|
| I. | GENERAL REQUIREMENTS | | | | |
| A. | Health & Safety Program | l.s | 1.00 | | |
| B. | Temporay Barracks | l.s | 1.00 | | |
| C. | Project Signage | set | 2.00 | | |
| D. | Traffic Management | days | 90.00 | | |
| E. | Mobilization & Demobilization | ls | 1.00 | | |
| II. | ELECTRICAL WORKS | | | | |
| A. | Supply, Delivery and Installation of Solar Street Light (100W, 8m Pole) | set | 290.00 | | |
| B. | Supply, Delivery and Installation of Solar Street Light (80W, 7m Pole) | set | 56.00 | | |
| C. | Supply, Delivery and Installation of Solar Pilar Lights | set | 27.00 | | |
| D. | Supply, Delivery and Installation of Solar Studs | set | 1,940.00 | | |
| E. | Supply, Delivery and Installation of Solar Bollard Lights | set | 155.00 | | |
| F. | Supply, Delivery and Installation of Solar Lamp Post | set | 10.00 | | |
| III. | CIVIL WORKS | | | | |
| A. | Structure Excavation (Common Soil, Manual) | m ³ | 1,027.50 | | |
| B. | Backfill | m ³ | 729.00 | | |
| C. | Gravel fill | m ³ | 59.00 | | |
| D. | Structural Concrete (Class A, 28 days) | m ³ | 359.50 | | |
| E. | Reinforcing Steel (Deformed Grade 40) | kg. | 30,580.30 | | |
| F. | Formworks and Falseworks | m ² | 1,902.50 | | |
| IV. | HAULING OF MATERIALS TO SITE | hrs | 172.00 | | |
| GRAND TOTAL | | | | | |
| | | In Words: Pesos | | | |
| | | _____ | | | |
| | | In Figures: Php | | | |
| | | _____ | | | |

Submitted By _____

 Name of the Representative of the Bidder

 Name of the Bidder

 Position

