TECHNICAL SPECIFICATIONS

TERMS OF REFERENCE

SUPPLY OF MATERIALS, LABOR AND EQUIPMENT FOR THE MAINTENANCE OF SINGLE ARM SOLAR LAMP POSTS AT BLOCK 14 PERIMETER, PORT OF CAGAYAN DE ORO (MPF-MOC-13-2025)

A. DESCRIPTION

The project aims to undertake the maintenance of single arm solar lamp posts at block 14, Port of Cagayan de Oro. The goal of this project is to provide sustainable and reliable lighting along this perimeter. Regular maintenance is essential to ensure continued functionality, efficient and reliable throughout its service life.

B. OBJECTIVES

The objective is to engage with a qualified service provider for the provision of all necessary materials, labor and equipment for the maintenance of solar lamp posts installed around the perimeter of Block 14.

C. GENERAL SCOPE OF WORKS

The qualified service provider shall undertake the project in accordance with the accepted industry standards and procedures.

The services to be rendered by the said qualified service provider shall include but not limited to the following:

1. Consult with the Authority, thru the Engineering Services Division Technical Staff, to ascertain the objectives and requirements of the services and confirms such requirements to the Authority.
2. Conduct ocular inspection of all components and conduct actual measurement at the site.
3. Supply of materials, labor, and equipment for the following scope of works:

DESCRIPTION OF WORK	UNIT	QUANTITY
1.0 SUPPLY AND INSTALLATION OF INTEGRATED SOLAR LAMP POSTS	LOT	1.00

4. Supply of the following needed manpower:
   a. Electrician
   b. Foreman
   c. Skilled Labor

5. Supply of the following tools/equipment:
   a. Straight Boom Lifts, Telescopic, 1000 lbs x 116’ range (rent)
   b. Portable Grinder
   c. Welding Machine

6. Perform other services or reasonable tasks that relate to the foregoing deliverables, which the Authority or its authorized representative may direct.

D. MATERIAL SPECIFICATIONS

ITEM 1.0 : SUPPLY AND INSTALLATION OF INTEGRATED SOLAR LAMP POSTS

DESCRIPTION

The work includes the supply of materials, labor and equipment for maintenance/replacement of existing solar lamp post to integrated solar lamp post.

E. TERMS AND CONDITION

1. **Scope of Work**:

- The qualified service provider shall perform the works and services required for the removal of existing solar lamps and installation of integrated solar lamps.
- The qualified service provider shall undertake transportation, handling, unloading, storage, delivery, installation, testing and commissioning of the integrated solar lamps.

2. Delivery and Installation:

- The delivery, maintenance and installation of the integrated solar lamps shall be completed within Forty-Five (45) calendar days upon receipt of Notice to Proceed (NTP).
- The qualified service provider is responsible for the handling and transportation of materials ensuring they are delivered in good condition.
- The qualified service provider shall coordinate with the Engineering Services Division Technical Staff to schedule the installation and ensure minimal disruption to ongoing operations.
- Any delays in delivery or installation should be promptly communicated to the project owner, along with a revised timeline.

3. Quality Assurance:

- The integrated solar lamps shall be of high quality, durable, and able to withstand the environmental conditions of the installation site.
- The qualified service provider shall provide all necessary documentation to validate the quality and performance of the integrated solar lamps.

4. Supervision and Workmanship

- The qualified service provider shall utilize electricians and skilled workers supervised by its own Electrical Engineer in whatever phase of work being undertaken when and where special skills are required.
- Only proper tools shall be used by the qualified service provider in the performance of his work. Damages that may arise or poor workmanship resulting from use of improper tools shall be corrected/replaced by the qualified service provider at no extra cost to the Authority.

5. **Technical Assistance and After-Sales Support**

- The newly installed integrated solar lamps shall be covered by a comprehensive warranty against defects in materials and workmanship for a period of one (1) year.
- Any repairs or replacements required during the warranty period shall be the responsibility of the qualified service provider.

F. TIMETABLE

The qualified service provider shall commence the activities effective a day after the receipt of the Notice to Proceed. The completed project shall be delivered, installed, tested and made operational within Forty-Five (45) calendar days from the commencement of the activities.

G. FIRM AND STAFF REQUIREMENTS

The qualified service provider shall be responsible in ensuing the timely completion of the project and shall have personnel complementation of adequate technical background, experience and capability.

The qualified service provider shall provide appropriate personal protective equipment (PPE) such as hard hat, safety reflectorized vest, full-body harness, gloves and other appropriate PPE to their staff and crew when working on the project.

H. SCHEDULE OF PAYMENTS

All payments shall be processed only upon completion and issuance of a Certificate of Completion and Acceptance, subjected to accounting and auditing rules and regulations.

I. BUDGET

The Approved Budget of the Contract for the project "***SUPPLY OF MATERIALS, LABOR AND EQUIPMENT FOR THE MAINTENANCE OF SINGLE ARM SOLAR LAMP POSTS AT BLOCK 14 PERIMETER, PORT OF CAGAYAN DE ORO***" is ***Nine Hundred Sixty-Five Thousand Four Hundred Fifty-Eight and 00/100 Pesos (Php 965,458.00).***

J. MODE OF PROCUREMENT/QUALIFICATION OF BIDDERS

The contract for the **SUPPLY OF MATERIALS, LABOR AND EQUIPMENT FOR THE MAINTENANCE OF SINGLE ARM SOLAR LAMP POSTS AT BLOCK 14 PERIMETER, PORT OF CAGAYAN DE ORO** shall be procured through Small Value Procurement, in accordance with Section 53.9 and Annex "H" of the 2016 Revised Implementing Rules and Regulations of RA 9184.

Interested bidders must submit their proposals on or before _____, at _____ am/pm, at the address provided. Prospective bidders will be evaluated based on a non-discretionary "pass/fail" criterion, and shall submit the updated/renewed printed copies of the following documents as part of the technical/financial proposal/envelope:

Technical Proposal	• ***PhilGEPS Certificate of Registration, with corresponding Annexes*** • ***Certificate of Registration from SEC/DTI whichever is applicable*** • ***Valid Mayor's Permit*** • ***PCAB License*** • ***Income/Business Tax Return*** • ***Omnibus Sworn Statement***
Financial Proposal	• ***Duly accomplished, Request for Quotation***

PREPARED & SUBMITTED BY:

GABRIELE D. MONDOÑEDO
Senior Engineer A

RECOMMENDING APPROVAL:

ANTONIO M. TORCINO, JR.
Acting ESD Manager

APPROVED:

Digitally signed by
FERNANDO B. MAPALO, JR
Date: 2025.05.21 15:06:26
+08'00'

FERNANDO B. MAPALO, JR.
Acting Port Manager, PMO-MOC