

TECHNICAL SPECIFICATIONS

TERMS OF REFERENCE

SUPPLY OF MATERIALS, LABOR AND EQUIPMENT FOR THE MAINTENANCE OF FLOODLIGHT TOWER AT BLOCK 13, PORT OF CAGAYAN DE ORO (MPF-MOC-12-2025)

A. DESCRIPTION

The project aims to undertake the maintenance of the floodlight towers at block 13, Port of Cagayan de Oro. The goal of this project is to ensure proper functionality, safety and longevity of the floodlight towers ensuring that they operate effectively for all outdoor events and operations.

B. OBJECTIVES

The objective is to supply all necessary materials, labor and equipment for maintaining and servicing the floodlight towers. This includes, but is not limited to:

- Inspection of the towers and floodlights.
- Maintenance of the electrical systems, including wiring and connections.
- Inspection, calibration and testing of floodlight controls.
- Testing and calibration of the floodlight system.

C. GENERAL SCOPE OF WORKS

The supplier/contractor shall undertake the project in accordance with the accepted industry standards and procedures.

The services to be rendered by the said supplier 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 REMOVAL OF EXISTING FLOODLIGHT AND INSTALLATION AND REWIRING OF HIGHER WATTAGE LED FLOODLIGHT OF FLOODLIGHT TOWER AT BLOCK 13	LOT	1.00
2.0 UNDERGROUND REWIRING OF POWER SUPPLY FOR FLOODLIGHT TOWER AND INSTALLATION OF CONTROL PANEL FOR FLOODLIGHT TOWERS	LOT	1.00

4. Supply of the following needed manpower:
  - a. Electrical Engineer
  - b. Skilled Workers (Welder/Electrician)
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 : REMOVAL OF EXISTING FLOODLIGHT AND INSTALLATION AND REWIRING OF HIGHER WATTAGE LED FLOODLIGHT OF FLOODLIGHT TOWERS AT BLOCK 13**

#### **DESCRIPTION**

The work includes the supply of materials, labor, tools and equipment for the removal of existing floodlight and installation and rewiring of higher wattage LED floodlight of floodlight towers.

### **ITEM 2.0 : UNDERGROUND REWIRING OF POWER SUPPLY FOR FLOODLIGHT TOWER AND INSTALLATION OF CONTROL PANEL FOR FLOODLIGHT TOWERS**

#### **DESCRIPTION**

The work includes the supply of materials, labor, tools and equipment for the underground rewiring and installation of control panel for floodlight tower.

## **E. TERMS AND CONDITION**

### **1. Scope of Work:**

- The contractor shall provide and install higher LED wattage as per the specifications outlined in the project documents.
- The contractor shall ensure that the LED Floodlight and controls meets all applicable codes, standards and regulations.

### **2. Delivery and Installation:**

- The delivery and installation of the LED Floodlights, controls and rewiring shall be completed within Forty-Five (45) calendar days upon receipt of Notice to Proceed (NTP).
- The contractor is responsible for the handling and transportation of materials ensuring they are delivered in good condition.
- The contractor 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 LED floodlight shall be of high quality, durable, and able to withstand the environmental conditions of the installation site.
- The contractor shall provide all necessary documentation to validate the quality and performance of the LED floodlight and its controls.

### **4. Supervision and Workmanship**

- The contractor 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 contractor 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 contractor at no extra cost to the Authority.

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

- The newly installed higher wattage LED floodlight and its lighting controls 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 contractor.

F. **TIMETABLE**

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

The supplier 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 FLOODLIGHT TOWER AT BLOCK 13, Port of Cagayan de Oro**” is *Eight Hundred Fifty Thousand Two Hundred Twenty-One 00/100 Pesos (Php 850,221.00)*.


J. **MODE OF PROCUREMENT/QUALIFICATION OF BIDDERS**

The contract for the **SUPPLY OF MATERIALS, LABOR AND EQUIPMENT FOR THE MAINTENANCE OF FLOODLIGHT TOWER AT BLOCK 13, 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:

<i>Technical Proposal</i>	<ul style="list-style-type: none"><li>• <i>PhilGEPS Certificate of Registration, with corresponding Annexes</i></li><li>• <i>Certificate of Registration from SEC/DTI whichever is applicable</i></li><li>• <i>Valid Mayor’s Permit</i></li><li>• <i>PCAB License</i></li><li>• <i>Income/Business Tax Return</i></li><li>• <i>Omnibus Sworn Statement</i></li></ul>
<i>Financial Proposal</i>	<ul style="list-style-type: none"><li>• <i>Duly accomplished, Request for Quotation</i></li></ul>

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