

TECHNICAL SPECIFICATIONS

TERMS OF REFERENCE

Proposed Parking Shed at Building 2, Port of Cagayan de Oro

A. DESCRIPTION

The project aims to construct a covered parking area to accommodate PMO government vehicles, private vehicles, and visitors' vehicles. This initiative seeks to protect government assets from harsh sunlight and acid rain, ensuring their longevity and reducing maintenance costs. Additionally, the project aims to enhance the functionality of the facilities while providing greater convenience and comfort for vehicle owners and visitors.

B. SCOPE OF WORKS

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

The services to be rendered by the supplier shall include but not limited to the following:

- 1. **Consultation:** Consult with the Authority, through the Engineering Services Division Technical Staff, to ascertain the objectives and requirements of the services and confirm such requirements with the Authority.
- 2. **Site Inspection:** Conduct ocular inspection and actual measurement at the site.
- 3. **Supply of Materials, Labor, and Equipment** for the following scope of works:

DESCRIPTION OF WORK	UNIT	QUANTITY
1. Demolition and Disposal of Existing Pavement	Lot	1
Supply labor and equipment for the removal and chipping off of the existing concrete pavement, including the proper disposal of debris, to ensure a clean and prepared site for subsequent work.		
2. Excavate and Backfill of Existing Materials (Manual)	Lot	1
Provide labor for the manual excavation of the foundation/footing, ensuring precise and accurate dimensions. The scope also includes backfilling and proper compaction after the concreting of the footing to ensure stability and readiness for the next construction phase.		
3. Supply, Fabricate, and install reinforcement bars	Lot	1
Provide materials, labor, and equipment for the fabrication and installation of reinforcing bars, ensuring compliance with project specifications and standards. This includes accurate cutting, bending, and placement of reinforcement to guarantee structural integrity and durability.		
4. Supply and Place Concrete for footing, column, pedestal, and wheel stop	Lot	1
Provide materials, labor, and equipment for the concreting of footings, columns, pedestals, and wheel stops. This scope includes the supply and installation of formwork and scaffolding, ensuring precision, structural stability, and adherence to project specifications throughout the construction process.		

5. Supply, Fabricate, and Install GI Post and Rafter	Lot	1
Provide materials, labor, and equipment for the supply, fabrication, and installation of G.I. posts and rafters. The scope also includes surface preparation and the application of protective coatings, including epoxy primer gray, to ensure durability and resistance to corrosion, in compliance with project standards and specifications.		
6. Supply, Fabricate, and Install Steel lateral truss	Lot	1
Provide materials, labor, and equipment for the supply, fabrication, and installation of G.I. steel lateral trusses. This includes also the surface preparation and the application of an epoxy primer gray to ensure enhanced durability, corrosion resistance, and adherence to project specifications.		
7. Supply, Fabricate, and Install C-Purlins and Fascia Frame	Lot	1
Provide materials, labor, and equipment for the supply, fabrication, and installation of 100x50x1.2mm C-purlins and fascia frames constructed using 38mm x 38mm x 3mm angle bars, reinforced with 10mmØ steel plain sag rods. The scope also includes surface preparation and the application of an epoxy primer gray, to ensure structural integrity, corrosion resistance, and compliance with project specifications.		
8. Supply and Install Pre-Painted Roofing	Lot	1
Provide materials, labor, and equipment for the supply and installation of pre-painted roofing sheets and pre-painted flashing. This includes ensuring proper alignment, secure fastening, and adherence to project specifications to achieve a durable, weather-resistant, and aesthetically pleasing finish.		
9. Supply and Install electrical materials	Lot	1
Provide materials, labor, and equipment for the supply and installation of 40W fluorescent fixtures with aluminum louvers, including associated switches and outlets. All electrical wiring shall be securely enclosed in standard RSC conduits to ensure safety, durability, and compliance with applicable electrical standards and project specifications.		

C. MATERIALS INVOLVED IN THE PROJECT

- #16 GI Tie Wire
16mmØ x 6m def. steel bar
Portland cement (40 kg.)
Washed sand (S-1)
Crushed gravel (3/4")
Ordinary Plywood (1/2")
Rough lumber (co-co)
Common Wire Nails
75mm #20 gi pipe post
50mm # 20 gi pipe post
38mm #20 gi pipe post
12mm ms steel plate
1/8mm Welding Rod - 6012 (5 kls.)
L 16mmx200mm anchor bolt set
- epoxy primer gray
epoxy reducer
12.5mm #20 gi pipe post
25mm # 20 gi pipe post
38mm #20 gi pipe post
1/8mm Welding Rod - 6012 (5 kls.)
epoxy primer gray
epoxy reducer
1/8mm Welding Rod - 6012 (5 kls.)
10mm sag rod
100x50x1.2mm c-purlins
38mmx38mmx 3mm angle bar
epoxy primer gray

epoxy reducer	25mm dia RSC Pipe
Pre-Painted rib roofing type	25mm dia RSC Coupling
blind rivets 3/16"	25mm dia RSC elbow
Drill Bit 3/16	25mm dia RSC Clamp
Pre-Painted flashing	Electrical Tape
1x40w Fluorescent Fixture aluminum louver	Utility box
Three Gang Switch	
Two Gang Switch	
3.5mm thw	

D. LABOR COMPONENT

- 1. Foreman
- 2. Skilled Labor
- 3. Unskilled Labor

E. EQUIPMENT

Portable Electric Jack Hammer
Mini Dump Truck

D. TIMETABLE

The supplier/contractor shall commence activities on the day following receipt of the Notice to Proceed. The mobilization, supply, and delivery of materials, as well as the required work, must be completed within sixty (60) calendar days from the commencement of activities. Additionally, the supplier/contractor shall immediately submit the Pert/CPM and Bar Chart Schedules for the project to the ESD Office.

E. FIRM AND STAFF REQUIREMENTS

The supplier/contractor shall be responsible for ensuring the timely completion of the project and shall have personnel with adequate technical background, experience, and capability.

The supplier/contractor shall provide the minimum appropriate personal protective equipment (PPE) such as hard hats, vests, face masks, and face shields, and shall provide disinfecting solutions such as alcohol and sanitizers to their staff and crew.

F. SCHEDULE OF PAYMENTS

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

G. BUDGET

The Approved Budget of the Contract for the project for the *Proposed Parking Shed at Building 2, Port of Cagayan de Oro* is Nine Hundred Ninety-Eight Thousand Eight Hundred Ninety-One and 00/100 Pesos (**₱ 999,891.00**).

H. MODE OF PROCUREMENT/QUALIFICATION OF BIDDERS

The contract for the *Proposed Parking Shed at Building 2, 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 December 02, 2024, at 8:30 AM, 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:

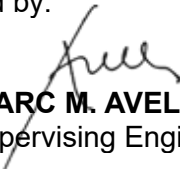
Technical Proposal:

- 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 by:


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Supervising Engineer A

Approved:


ANTONIO M. TORCINO, JR.
OIC - ESD-Manager