the Authority, careless or incompetent, or who obstruct the progress of the work or acts contrary to instructions or conduct himself improperly.

STANDARD OF MATERIALS

All materials shall be new and shall conform to the technical Specifications. All materials shall be standard products of reputable manufacturer's and shall bear the name of the manufacturer.

All materials shall be subject to the approval of the Authority. This approval shall not relieve the Contractor of the responsibility of inspecting such materials for defect of non-conformance with the specifications.

Where the technical specifications or the Drawings give the name of the manufacturer and/or catalogue number of materials, it is given as a guide to the size, strength, quality or class of the materials desired and shall be interpreted to mean that item or another fully equal for the service intended. Substitution shall be subject to prior written approval of the Authority.

The apparent silence of the Specification and Drawing as to any detail, or apparent omission from them of a detailed description concerning any material shall be regarded to mean that only material of first-class quality shall be use.

REMOVAL OF DEFECTIVE OR UNAUTHORIZED WORK

Any defective work, whether the result of poor workmanship, defective materials, damage through carelessness or any other cause, found to exist prior to acceptance of, or final payment for the work shall be removed immediately and replaced by work and material which shall conform to these Specifications, or shall be otherwise remedied in an acceptable manner. This clause shall have full effect regardless of the fact that the work may have been done within the full knowledge of the Authority.

All materials not conforming to the requirement of the technical Specifications shall be considered as defective.

No defective materials, the defect of which has been subsequently corrected shall be used unless approval has been given by the Authority.

CONFORMITY WITH PLANS AND ALLOWABLE DEVIATIONS

These Specification and Drawing indicate the general layout of the system and the Contractor shall be responsible for the installation of the system without substantial alteration of modifications. Wherever field conditions of exigencies of construction make departures from these Specifications and the Drawings necessary, detail of such departure and reason thereof shall be submitted without delay to the Architect and Consultant and no departure shall be made without written approval of the Architect and Consultant.

COOPERATION WITH OTHER TRADES

The Contractor shall examine and shall familiarize with the Specifications and Drawings of the Civil Works, the Air Conditioning Works, Plumbing/Sanitary Work, and the Electrical Works. He shall arrange his work and dispose his materials so as not to interfere with the work or storage of materials of the other Contractor. Should the Contractor cause damage to any other Contractor on the work, the Contractor shall upon due notice settle with such Contractor by agreement or arbitration. The Contractor shall be liable for any claim by the other contractor against the Owner on account of such damage.

Where the work of the contractor will be installed in c1ose proximity to, or will interfere with work of other trades, he shall assist in working out space conditions to make a satisfactory adjustment. If so, directed by the Owner, the mechanical c o n t r a c t o r shall prepare composite working drawings and sections at a suitable scale not less than 1:50 · M., clearly indicating how his work is to be installed in relation to the work of other trades. If the contractor installs his work before coordinating with other trades, or so as to cause any interference with work of other trades, he shall make the necessary changes in his work to correct the condition without extra charge.

The mechanical contractor shall furnish to other trades, as required, all necessary templates, patterns, setting plans, and shop details for the proper installation of work and for the purpose of coordinating adjacent work.

INSPECTION AND TESTS

The Architect and Consultant or his representative shall be allowed access to all part of the work at all times and shall be furnished such information and assistance by the Contractor as may be required to make a complete detailed inspection. Materials and installation shall be subject to such tests as are deemed necessary by the Architect to properly ascertain their fitness both during installation and after installation is completed. All expenses to conduct special test shall be by the contractor.

INJURY TO PERSONS OR DAMAGE TO PROPERTY

The Contractor shall be responsible for all injury to persons and damage to property caused by the work or by workmen and shall be liable for any claim against the Owner on account of such injury and/or damage. The Contractor shall likewise take necessary precautions to protect the property of the Owner against rain or other inclemency of the weather and against theft, where exposure to such inclement weather or theft is due to the performance of his work. The Contractor shall be liable for any such damage or loss.

TEMPORARY FACILITIES

The Contractor shall make all necessary arrangement and pay for the provisions of the necessary electrical supply required for the work and shall clear away all temporary installation before or upon completion of the work.

LEAVING THE SITE

The Contractor shall not withdraw from the site until the whole Fire Protection system is completed and in operational condition and ready for use by the Owner.

SUSPENSION OR DELAY

The Contractor shall not suspend or fail to make proper progress with the work without justifiable cause. The Owner, in the event of delay or suspension of the work still persisting after written complaint, shall have the right to take over the work and all materials on the site and make arrangements as are necessary to have the work completed by others.

CLEANING UP

During the process of the work on the. completion of the project, the Contractor shall remove from the premises all dirt, rubbish and waste materials caused by him in the performance of his work, he shall remove all tools, scaffolding and surplus materials after completion and acceptance of the work.

GUARANTEE

The Contractor shall guarantee that the Fire Protection system is free from all defective workmanship and materials and will remain so for a period of one (1) year from date of acceptance of the work by the Owner. Any defect, appearing within the aforesaid period shall be remedied or replaced by the Contractor at his own expense.

PERMITS AND DUES

The contractor shall give all necessary notices, obtain all permits and pay all government taxes, foes, and other costs, including utility connections or extension, in connection with his work; file all necessary plans, prepare all documents, and obtain all necessary' approvals of all governmental departments having jurisdiction; obtain all required certificates of inspection for his work and deliver same to the Construction Manager before request for acceptance and final payment for the work.

The contractor shall include in the work, without extra cost to the Owner, any labor, materials, services: apparatus, drawings, in order to comply with all applicable laws, ordinances, rules and regulations, whether or not shown on drawings and/or specified.

The Contractor shall include in his work, without extra cost to the Owner or Architect, Drawing (in addition to Contract/ Drawing and Documents and associated paperwork as required by the approving Authorities.

INSPECTIONS AND CERTIFICATES

Upon completion of the entire installation, the approval of the Architect and Owner shall be secured, covering the installation throughout. The Contractor shall obtain and pay for certificate of inspection and approval form the Public Authorities having jurisdiction. A final inspection certificate shall be submitted to the Architect prior to the final payment. The Contractor shall pay any/ all cost incurred for fees.

EQUIVALENTS

When materials or equipment are mentioned by name, they shall form the basis of the Contract, if not the Contractor may recommend, provided that they are equivalent. When approved by the Architect in writing, other materials and equipment may be used in place of those specified, but written application for. such substitutions shall be made to the Architect as described in the Bid Documents. The difference cost of substitute materials or equipment and reason for substitution shall be given when making such request. Approval of substitute is contingent on same, meeting specified requirements and being of such design and dimensions as to comply with space requirements.

In case of a difference in price, the Owner shall receive all benefits of the difference in. cost involved in any substitution and the Contract may be altered by Change Order to credit the Owner with any savings so obtained.

DETAILED BREAKDOWN OF ESTIMATES

The Contractor shall submit detailed breakdown of estimate on each listed fire protection system herein along with the provided bid proposal. Detailed breakdown shall consist of the quantity, brand name and costing per item of a system.

SCOPE OF WORK OF THE CONTRACTOR

The work of the Contractor consists of supervision, labor, equipment and materials, and perform all operations in connection with the Fire Protection System shown on the plan, their tests and inspections complete and in accordance with these Specifications and Plans and subject to terms and conditions of the Contract. Any equipment; materials, or works not shown on the Plans but mentioned in the Specifications, or vice-versa, shall be furnished and installed by the Contractor.

Specifically, the work shall involve the following:

a. To secure, at his own expense, for all Fire Protection permits certificates and other related permits.

b. Furnish and install an Automatic Wet Sprinkler System for the entire building, as indicated on the drawing.

c. Furnish and install of Fire Pump assembly including the jockey pump.

d. Furnishing of portable fire extinguishers.

e. Testing of the automatic sprinkler and standpipe system within the facility as required by the laws, ordinances, rules, regulations and orders of governmental authorities having jurisdiction over this work.

TECHNICAL SPECIFICATIONS

1. Quality Assurance - All materials to be used shall be new and shall conform with the referenced codes and standards. Use of materials shall further be governed by other requirements, imposed on other sections of these specifications. Materials shall be subject to the necessary tests to assure their fitness if so required.

2. Alternate Materials - Use of any material, not specified in these specifications may be allowed provided further that a test, if required, shall be done by an approved agency in accordance with generally accepted standards.

3. Fire Pump

a. The system shall consist of One (1) unit of UL Listed, FM approved Vertical Turbine Fire Pump. The necessary attachments specified herein shall be capable of delivering 150% of rated capacity at no less than 65% of total head. The fire pump shall deliver a capacity as shown on the plans. The motor drive shall be an induction motor of ODP type with an electrical characteristic as shown on the drawings.

b. Accessories:

    1. Check valve in discharge pipe and suction strainer.

    2. OS&Y gate or butterfly valves on system discharge side of check valve and on supply side of pump.

    3. Piping for test and drain to water tank.

    4. Flow measuring device.

    5. Circulation relief valve and discharge cone.

6. Automatic air release, valve and fittings.

7. Primary Connect

8. Capacity Plate.

9. Pressure Switches.

10. Water level testing device and piping.

11. Eccentric Reducer and Concentric Increaser.

12. Pressure gauges.

c. Drive:

Motor: Motor horsepower rating shall be in accordance with the manufacturer 's requirements. The motor shall be of capacity that 1 15% of the full load ampere rating shall not exceed at any condition of pump load.

Controller UL listed, FM Approved Combined Manual and Automatic, reduced voltage, type open transition circuit breaker with interrupting capacity of 100,000 Amps, RMS Symmetrical at 460 volts. Standard features include air unit breaker, running period, timer motor starter, molation switch, pilot lights, pressure switch, manual start, start-push buttons, control relay and other standard accessories in drip-proof enclosure.

Provide Alarm circuit for power failure.

Fire Pump Controller shall be METRON or Approved Equal

d. Controls:

1. Controller: Hand-off automatic switch, fire water pressure switch to operate pump drive, fire water pressure switches for alarms.

2. Local alarm with indicating lights for low fire water pressure and high fire water pressure.

3. Alarm for low water level and no water at u/G Fire Water Tank.

4. Contacts for remote circuits to indicate pump operational status and alarm status.

c. Acceptable Manufacturers: Peerless, Fairbanks-Morse, ITT-AC or approved equal.

JOCKEY PUMP

a. Jockey Pump shall consist of 1 unit. Electrically driven Submersible type pump. The jockey pump shall deliver a capacity as shown on the plans, complete controller and accessories.

b. Provide shut-off valves, check valve, and relief valves and Jockey Pump controller, with across the line controller with fusible disconnect switch, motor starter, timer, fuses, pressure switch, selector switch, over-load relays, enclosure to be in NEMA 4 enclosure. Additional feature to have pressure recorder, power on pilot light.

c. Acceptable Manufacturers:

1. Grundfos

2. Approved Equal.

WATER PIPING

Sprinkler piping shall be Sch.40 seamless black steel or Iron pipe, ASTM A795 or ASTM A53; Fittings in accordance with ANSI B16 .3 rated for 200 lbs. (1380 kPa) working pressure, in accordance with NFPA.

FITTINGS

Screw joint steel piping up to and including 2inch diameter. Weld piping 2.5inch diameter and larger, including branch connections.

Factory fabricated carbon steel weld fittings shall be 150 lb. or 300 lb., as required, and shall be produced in strict accordance with ANSI Specifications B-1 6.0 and shall conform to details, tolerances and dimensions contained therein.

Malleable iron screwed fittings, 150 lb. or 300 lb., as required, shall be provided in strict accordance with ANSI Specifications B-1 6.9 and shall conform to details, tolerances and dimensions contained therein.

Should there be a grooved piping inside the building and above the floor, the piping shall be installed in a cut grooved method using ductile iron mechanical pipe couplings of a bolted type with pressure-responsive gasket along with bolted type mechanical pipe ductile iron fittings and flange adapters and shall conform to the details, tolerances and dimensions as required by the system manufacturer.

Fittings shall be designed to withstand the working pressures involved, but not less than 175 psi cold water pressure.

ACCESSORIES

a. Alarm Check Valve: U.L. listed, divided seat ring type alarm check valve with external bypass and retarding chamber. Basic trimmings shall include nipples, fittings, devices for external bypass, alarm test bypass gauge and drain connections, and mounting supports for retarding chamber and drip funnel. Standard alarm trimmings shall be provided for use with, and including water motor alarm and a pressure switch. Alarm check valve shall be "Star", "Viking" or approved equal.

b. Flush Fire Department Connection: For sprinkler system double clapper flush wall connection type, straight bod y connections, 6" x 2-1/2'1 x 2-1/2'1x 2-1/2" (150 x 65 x 65 x 65) with pinlug plugs and chains, double female snoots, exposed parts with polished brass finish , threads to conform to those used by local fire department with 11 Auto-Spkr" Lettering.

c. Check Valve: Shall be of the swing check type, with iron body, bronze mounted, renewable seat and disc, bolted cap, asbestos gaskets. Steel bolts, 175 lbs. (1225 KPa) water working pressure, flanged ends with drip connections.

d. Gate Valves: Shall be iron body with bronze trim, solid wedge, outside screw and yoke, rising steam, flanged ends, 175 lbs. (1225 KPa) water working pressure. Valves at the discharge side of pumps shall be Class 200.

e. Monitor Switch: U.L. listed, single pole double throw switch with a roller type switch actuator and a spring-loaded plunger mounted in a housing, design to make an electrical contact when O.S.&Y. Control gate valve at sprinkler main riser is closed, "Star", "Viking" or approved equal.

f. Hose Valves: 65 dia. (2.5"), (65mm) polished brass finished, female & male hose threads to match local fire department equipment.

g. Roof Manifolds: Cast brass with female N.P.T, inlet and male N.P.T. outlet, two-way, 150 x 65m, back inlet.

h. Pressure gauges and ball drip valves 2.5" NPT, bronze and cocks shall be as provided.

i. inspector's test and drain valve shall conform to the minim um requirements of the latest edition of NFPA No.13.

SPRINKLER HEADS

Sprinkler heads shall conform to the minimum requirements of the latest edition of NFPA No. 13, shall be UL and FM listed and shall be as specified hereinafter:

i. For areas with exposed ceiling, use Quick Response upright, brass, 74 deg. C (165 deg. F) temperature rating and Y2 in. (13mm) standard orifice. (Glass bulb type). "Viking", "Star" or "Reliable" brand

ii. For all areas with ceiling, use Quick Response pendent type chrome finish. with matching escutcheon, actuating temperature of 165 °F (74°C), listed by UL/FM. Preferably glass bulb type. "Viking", "Star" or "Reliable" brand.

iii. For high heat areas such as kitchens, use Quick Response pendent type chrome finish. with matching escutcheon, actuating temperature of 212 °F (100 °C), listed by UL/FM. Preferably glass bulb type. "Viking", "Star" or "Reliable" brand.

iv. Quick Response sidewall type sprinkler heads shall be chrome finish. with matching escutcheon, actuating temperature of 165 °F (74°C), listed by UL/FM. Preferably glass bulb type. "Viking", "Star" or "Reliable" brand.

v. Sprinkler Cabinet: Shall be fabricated from sheet steel and finished painted with red enamel, to be provided complete with 12 spare sprinkler heads (6 plain brass and 6 chrome plated) and two sprinklers.

FIRE HOSE CABINETS

Cabinet shall be recessed 16-gauge steel body, annulux finished aluminum door trim with pull handle and friction catch with lock key. Cabinet shall be designed for 100 ft. hose pin rack and fire extinguisher. Door shall be full panel glass. Cabinet finish shall be powder coaled white inside with prime coat outside. Cabinet maybe made locally of approved quality. Provide "Break glass in case of Fire" sign.

Accessories:

1. Pin rack for fire house cabinet shall be semi-automatic type, baked enamel finish designed for 100 ft. of 1.5 " hose and furnished with 1.5" chrome plated brass rack nipple.

2. Fire hose for fire hose station shall be 100 ft. of 1.5" cotton double jacket flexible fire hose. Hose coupling shall be 1.5" chrome plated male-female National Standard hose threads. Nozzle shall be approved by UL/FM.

3. Provide one (1) unit 10 lbs. ABC multi-purpose dry powder chemical portable fire extinguisher labeled with UL/FM.

Hangers

Hangers shall conform to the minimum requirements of the latest edition of NFPANo. 13.

a. All changes in direction of sprinkler heads shall be provided with hanger.

PORTABLE FIRE EXTINGUISHERS - Shall be tri-class dry chemical or multi-purpose (primarily monoammonium phosphate) or equivalent which is non-toxic agent which extinguishes flames in seconds and inhibits reflash. It shall be effective against Class A, B and C fires. Contents shall be 10 lbs. (4.5 kg), the unit shall be mounted inside the fire hose cabinet or thru the fire extinguisher cabinet. Shall be manufactured by UL/FM approved or approved equal.

Carbon Dioxide Fire Extinguishing System - Carbon Dioxide fire extinguishing system will be provided for fire suppression for transformer and electrical rooms, lift motor room, electrical room using portable or wheeled type fire extinguishers. Shall be UL/FM approved or approved equal.

EXECUTION

Workmanship

The work throughout shall be executed in the best and most thorough manner to the satisfaction of the Architect and the Engineer, who will jointly interpret the meaning of the drawings and specifications and shall have the power to reject any work and materials, which in their judgement, are not in full accordance therewith.

The Contractor shall assume unit responsibility and shall provide the services of a qualified Engineer to supervise the complete installation of equipment and systems and who shall be available for conducting the final acceptance tests.

Preparation

Examine all surfaces which are to support or receive parts place and subsequent construction. Notify General Contractor if any condition exists which will prevent the completion of the Work in this Section in a satisfactory manner. Application or installation of materials constitutes acceptance of the supporting and adjoining construction.

Piping

a. Ream pipe and tube ends to full inside diameter.

b. Remove burrs and bevel plain end ferrous pipe.

c. Remove scale and foreign materials, inside and outside, before assembly.

Coordination

Installation of the wet automatic sprinkler system shall be coordinated, by the Fire Protection Contractor, with the immediate and related mechanical and electrical installations and all other trades involved in other parts of the Work for the proper location and installation of sprinkler heads, piping, o u t l e t s and equipment before installation of same.

Installation

Install the wet automatic sprinkler system in strict accordance with the approved drawings and each manufacturer's requirements where required, and as applicable an automatic fire alarm system.

All sprinkler pipe and fittings shall be so installed that the system may be trained. Sprinkler pipes may be installed level and trapped piping shall be drained.

Pipe, tube or fittings shall be joined by the following means: Threaded Pi pe and Fittings:

a. All threaded pipe and fittings shall have threads cut to ANSI Standards B2.1. Care shall be taken that the pipe does not extend into the fitting sufficiently to reduce the waterway.

b. Pipe shall be reamed after cutting to remove all burrs and fins.

c. Joint compound or tape shall be applied to the threads of the pipe and not in the fitting.

Welding Pipe:

a. Sections of branch lines, cross mains, feed mains or risers may be shop welded.

b. Sections of welded piping shall be joined by means of screwed bolt and nut flange or flexible gasketed joints or other approved fittings.

c. Torch cutting shall not be permitted as a means of modifying or repairing sprinkler systems.

d. Welding shall be done in accordance with the methods set forth hereinbefore.

e. Welders shall be certified as specified hereinbefore.

f. When welded fittings are used to form outlets:

1. Holes in piping shall be cut to the full diameter of the fitting.

2. Discs shall be retrieved.

3. Openings in piping shall be made smooth.

4. All slag and other welding residue shall be removed.

Sprinkler piping shall be substantially supported from the building structure which must support the added load of the water-filled pipe pl us a minimum of 250 lbs. (114 kg) applied at the point of hanging.

Types of hangers and installation methods shall be in accordance with and conform to the latest edition of NFPA No .13, unless they are certified by a professional registered engineer for the following:

a. Designed to support five (5) times the weight of the water-filled pipe pl us 250 lbs. (11 4 kg) at each point of piping support.

b. These points of support are enough to support the sprinkler system.

c. Ferrous materials are used for hanger components.

Sprinkler piping shall be supported independently of the ceiling sheathing, except as follows:

a. Toggle hangers may be used only for the support of branch lines under ceilings of hollow tile or metal lath and plaster.

When sprinkler piping is installed below ductwork, piping shall be substantially supported from the building structure or from steel angles supporting the ductwork provided the angles conform to the requirements of the latest edition of NFPA No.13.

For trapeze hangers, the minimum size of steel angle or pipe span between purlins or joints shall be as specified in the latest edition of NFPA No .13.

a. All angles shall be used with longer leg vertical.

b. Any other sizes or shapes giving equal or greater section modulus will be acceptable.

c. The trapeze bar shall be secured to prevent slip page.

The size of hanger rods and fasteners required to support the steel angle iron or pipe shall be as specified in the latest edition of NFPA No.13.

Screwed unions shall not be used on pipe larger than 2 inches. Couplings and unions of other than screwed type shall be of the types approved specifically for use in wet automatic sprinkler systems. Unions, for fire protection screwed or flexible gasketed couplings or flanges may be used to facilitate installations.

Use one-piece reducing fittings wherever a change is made in the size of the pipe, except hexagonal or face bushings may be used in reducing the size of openings of fittings when standard fittings of the required size are not available.

Painting

Paint sprinkler piping as shown on the Drawings and as specified.

1. Care shall be exercised whenever the sprinkler piping is given any kind of coating to ensure that no automatic sprinkler surfaces are coated.

2. Automatic sprinklers shall not be painted and any sprinklers which have been coated, except for factory applied coatings, shall be replaced with new listed sprinklers.

Cleaning

Swab-out lines and/or flush out system with fresh water until they are clean and water runs clear at al l outlets.

Acceptance Test

All tests required shall be performed by the installing contractor and witnessed by the Owner or his representative.

The following minimum tests shall be performed. Any additional tests required by the local regulating authority having jurisdiction shall also be performed.

1. Flushing Test.

2. Hydrostatic Test @ a Test Pressure of 250 psi minimum.

3. Leakage Test.

4. Drainage

ITEM 27 : PROJECT BILLBOARD

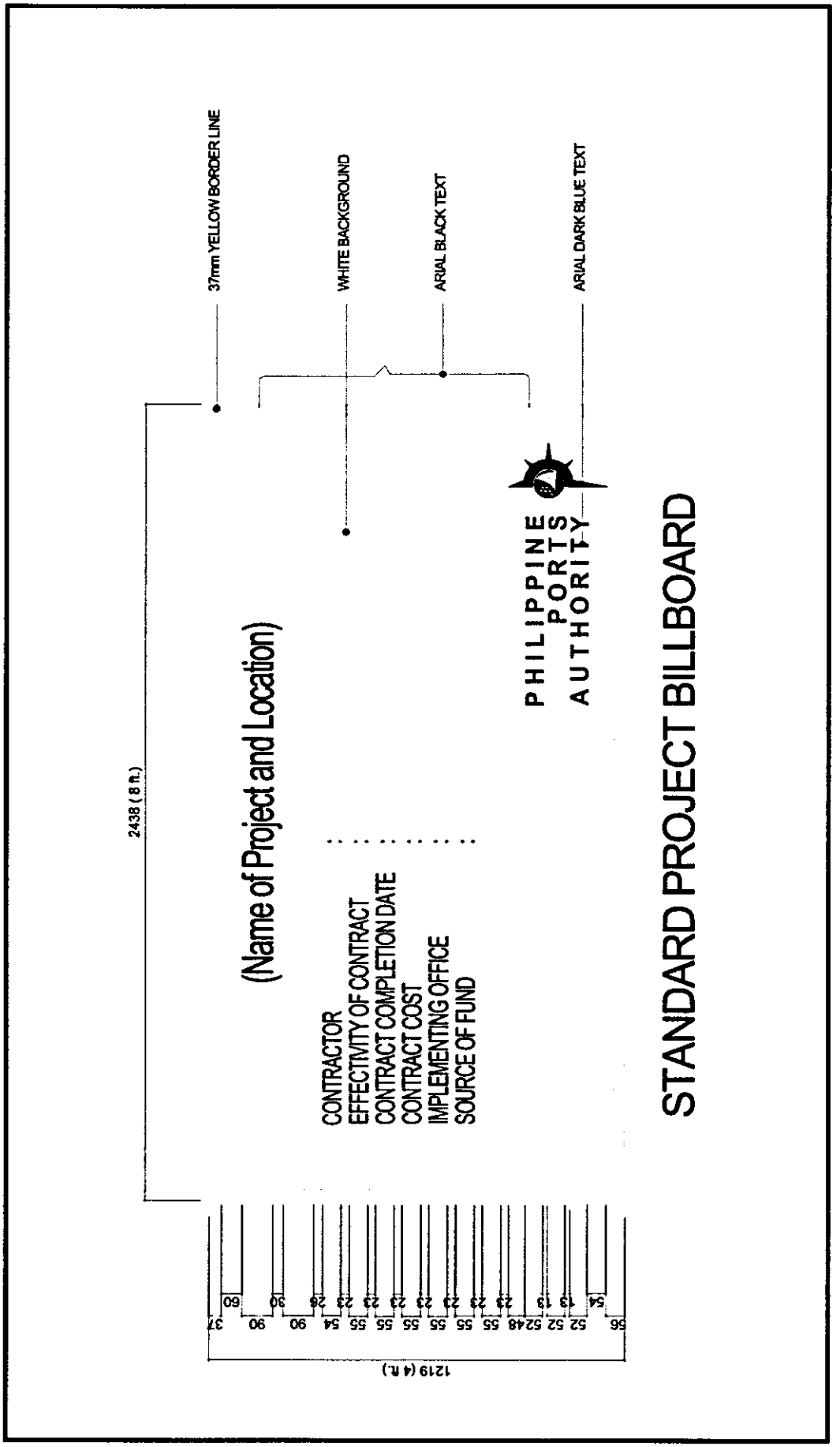
SPECIFICATION

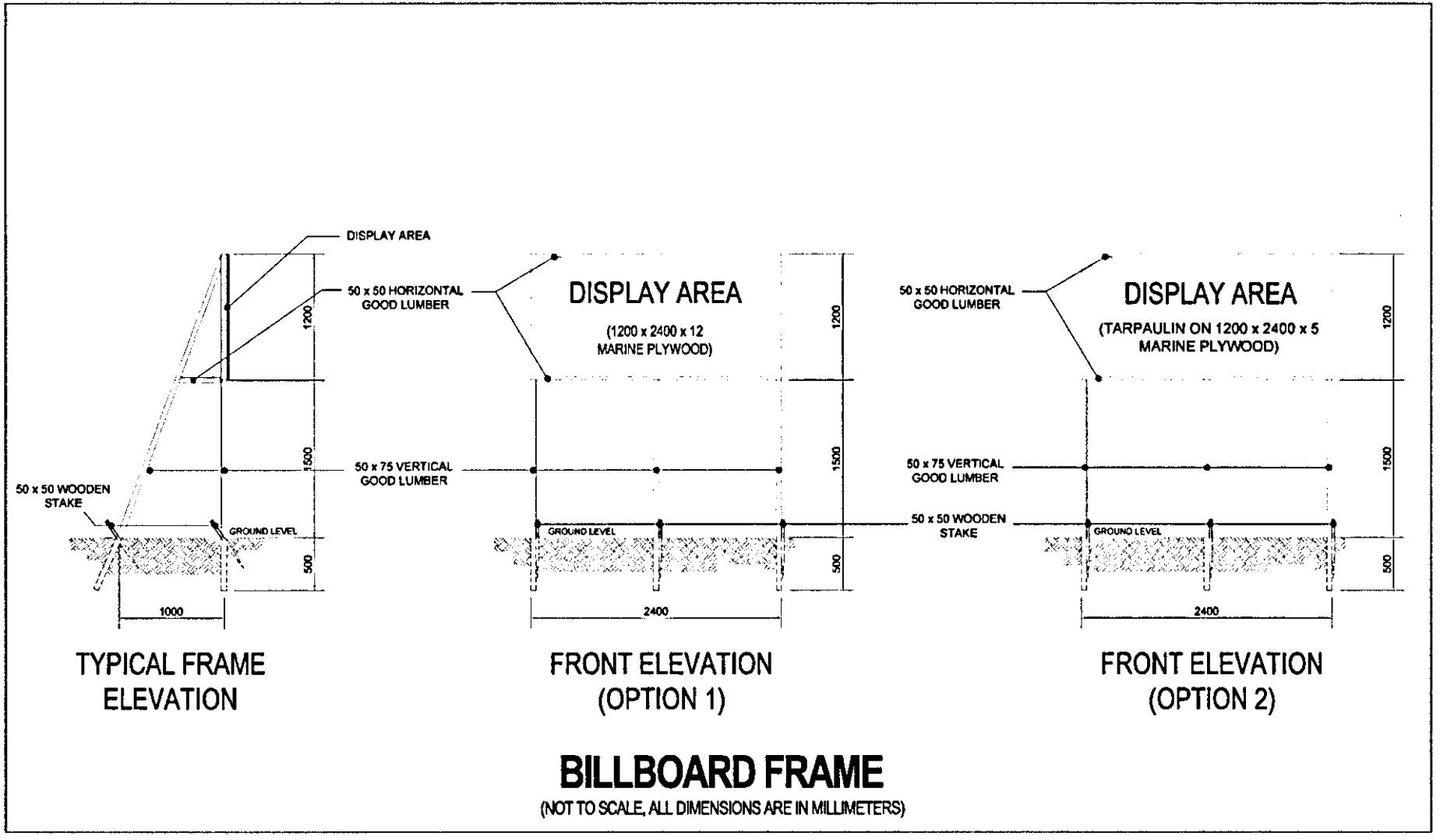
The Project Billboard shall be installed at location(s) designated by the Engineer.

The size and specifications of materials for the standard billboard shall be 4ft. x 8ft. (1,200mm x 2,400mm) using ½ inch (12mm) marine plywood or tarpaulin poster on 3/16 inch (5mm) marine plywood.

Project billboards shall not contain Name(s) and/or picture(s) of any personages.

See attached drawings for further details of the standard billboard.


STANDARD PROJECT BILLBOARD
PHILIPPINE PORTS AUTHORITY
(Name of Project and Location)
CONTRACTOR
EFFECTIVITY OF CONTRACT
CONTRACT COMPLETION DATE
CONTRACT COST
IMPLEMENTING OFFICE
SOURCE OF FUND
37mm YELLOW BORDER LINE
WHITE BACKGROUND
ARIAL BLACK TEXT
ARIAL DARK BLUE TEXT
2438 (8 ft.)
1219 (4 ft.)
37 60 90 30 90 54 26 23 23 55 55 55 55 55 55 23 23 23 52 48 13 52 54 56



BILLBOARD FRAME

(NOT TO SCALE, ALL DIMENSIONS ARE IN MILLIMETERS)

ITEM 28 : SAFETY SIGNAGES AND BARRICADES

DESCRIPTION

This work includes the furnishing and installing of safety signages and barricades in accordance with the specifications and to the details shown below in the drawings, or as directed by the Engineer.

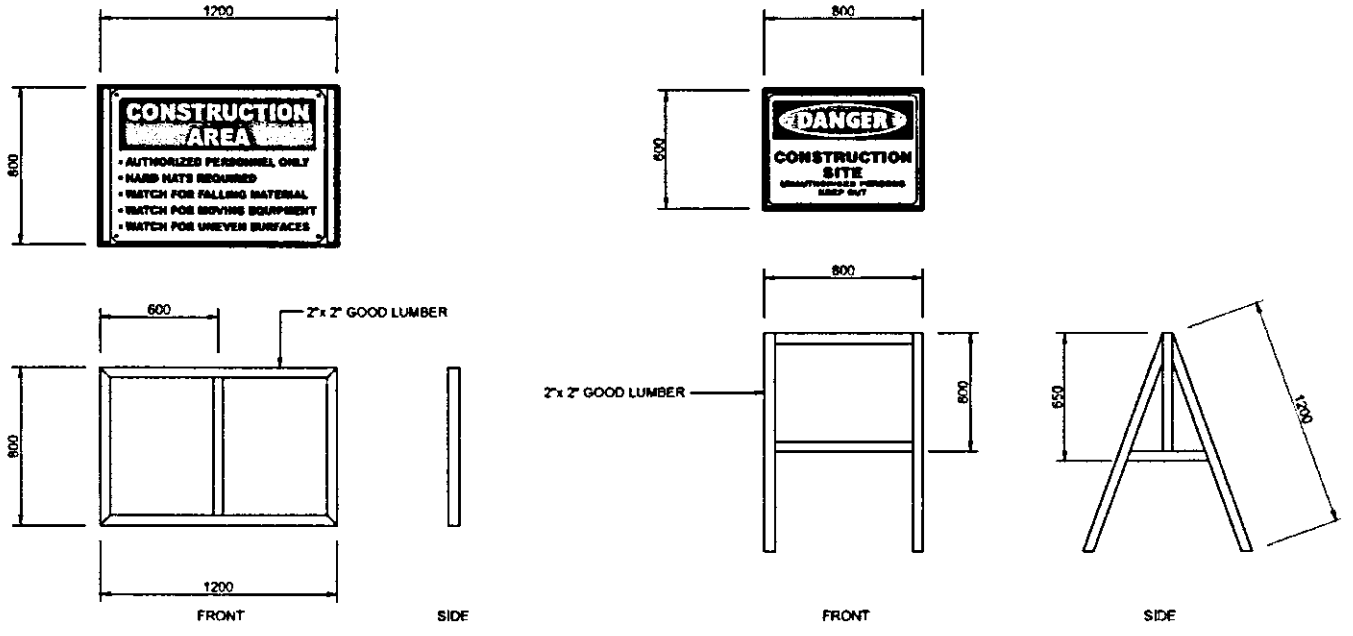
SPECIFICATION

The Signage's and Barricades shall be installed at location(s) designated by the Engineer.

The sizes of the standard signages shall be 2-2/3ft x 4ft (800mm X 1,200mm) for fixed type and 2ft x 2–2/3ft (600mm x 800mm) for mobile type. For barricade standard 2ft x 2–2/3ft (600mm x 800mm) shall be provided.

The materials to be used for signages and barricades are ½ inch (12mm) marine plywood or tarpaulin poster on 2" x 2" (50mm x 50mm) good lumber frame (see drawing below).

The printing or painting shall be the discretion of the Engineer.



FRAMING FOR 0.80m x 1.20m SIGNAGES

FRAMING FOR 0.60m x 0.80m SIGNAGES AND BARRICADES

STANDARD PLAN FOR SIGNAGES AND BARRICADES

SECTION VII

DRAWINGS
(APPROVED PLANS)

DRAWINGS AND APPROVED PLANS
(SEE ISSUED APPROVED PLANS)

LIST OF DRAWINGS:

ARCHITECTURAL:

A-01 of 16 - Perspective, Location Map, Table of contents

A-02 of 16 - Site Development plan, Legend

A-03 of 16 - Ground Floor plan, Legend

A-04 of 16 - Reflected Ceiling Plan, legend, Lighting fixtures Legend

A-05 of 16 - Roof Plan, Legend

A-06 of 16 - Front Elevation, Rear Elevation, Right Side Elevation

A-07 of 16 - Left Side Elevation, Cross Section thru "X-X", Cross Section thru "Y-Y"

A-08 of 16 - Ground floor Wall Partition Layout, Wall Finish Legend

A-09 of 16 - Roof Deck Wall Partition Layout, Wall Finish Legend

A-10 of 16 - Schedule of doors and Windows

A-11 of 16 - Male & Female Toilet Details Floor Plan, Section A-A, Section B-B, Section X-X', Section Y-Y'

A-12 of 16 - PWD Toilet Details Floor Plan, Section A-A, Section B-B, Section C-C, Section Y-Y', All gender Toilet Details Floor Plan, Section D-D, Section E-E Section F-F

A-13 of 16 - Ramp 01 details, Ramp 02 details, Ramp 03 details

A-14 of 16 - Slop Sink Details, Drywall Partition Details, Canopy 01 blow-up Plan, Canopy 01 Elevations, Canopy 02 blow-up Plan, Canopy 02 Elevations, Flip up bar details

A-15 of 16 - Façade Bay Sections, PPA Logo 01 Details, PPA Logo 02 details, Typical Ledge Counter details

A-16 of 16 - Plant Box Detail, Steel Ladder detail

STRUCTURAL:

S-01 of 18 - General Notes

S-02 of 18 - Pile Layout Plan

S-03 of 18 - Pile Cap and column Layout plan

S-04 of 18 - Wall footing and slab on Fill Plan

S-05 of 18 - Ground floor Framing Plan

S-06 of 18 - Roof Beam Framing Plan

S-07 of 18 - Roof Framing Plan

S-08 of 18 - Detail of Pile Cap 1 (PC-1), Ground Slab Details, Typical Detail of Step-up, Typical Detail of Ramp Reinforcement, Exterior Wall (WF-1) Detail, Interior Wall (WF-2) Detail, Detail of CHB wall at Tie Beam

S-09 Of 18 - Typical Detail of Canopy with Parapet And Curtainwall, Typ. Detail Of CHB Wall On Suspended Slab, Strut Details

S-10 of 18 - Truss Diagram, Truss Support Connection Detail, Sag Rod Detail, Purlins Connection Detail, Gusset Plate Detail

S-11 of 18 - Steel Canopy 01 Framing Plan, Steel Canopy 01 Section, Steel Canopy 02 Framing Plan, Steel Canopy 02 Section, Detail A, Detail B, Section 1a, Section 1b, Pipe Steel Section Specifications

S-12 of 18 - Beam Schedule

S-13 of 18 - Typical Beam Reinforcement At Column Support, Typical Intermediate Beam Reinforcement At Beam Support, Typical Girder Reinforcement, Typical Slab Reinforcement Detail

S-14 of 18 - Column schedule, Typical column elevation, Lintel beam details, Stiffener column detail

S-15 of 18 - DETAILS OF 450mm X 450mm PRE-STRESSED CONCRETE PILE

S-16 of 18 - Plan Showing Existing Facilities

S-17 Of 18 - Plan Showing Pavements to Be Removed

S-18 Of 18 - Concrete Pavement Layout Plan

ELECTRICAL:

E-01 of 7 - Ground Floor Lighting Layout Plan, Legend

E-02 Of 7 - Ground Floor Power Layout Plan, Legend

E-03 Of 7 - Schedule of Loads

E-04 Of 7 - Schedule of Loads

E-05 Of 7 - Roof Deck Lightning Protection Layout Plan

E-06 of 7	-	Service Entrance Layout Plan, General Notes, Legend
E-07 of 7	-	Pedestal Post Detail, Detail of Ductbank CATV / Telephone to Concrete Pedestal Post, Detail of Ductbank MDP to Concrete Pedestal Post, Electrical Handhole Detail
CATV-01 Of 01	-	Ground Floor CATV Layout Plan, Notes, Legend, Single Line Diagram
Tel -01 of 01	-	Ground Floor Telephone Layout Plan, Notes, Legend, Single Line Diagram
FDAS -01 of 01	-	Ground Floor Fire Detection and Alarm System Layout Plan, Notes, Legend, Single Line Diagram
BGM/PA-01 of 01	-	Ground Floor Background Music/ Paging Alarm Layout Plan, Notes, Legend, Single Line Diagram
SP-01 of 01	-	Roof Deck Solar Module PV Layout Plan, Technical Specification Of Solar Panel, Notes, Legend

MECHANICAL:

M-01 Of 3	-	Ground Floor Air Condition Layout Plan, Legend
M-02 Of 3	-	Roof Deck Air Cooled Condensing Unit Layout Plan, Legend
M-03 Of 3	-	Mechanical Equipment Schedule (Ceiling Mounted Cassette Type Air Condition And Split Type Air Condition Unit) (Inverter Type), Generals Note

PLUMBING:

P-01 of 8	-	Details of Septic Tank, Details of Area Drain, General Notes and Specifications, Material Specifications
P-02 of 8	-	Site Plumbing System/Storm Drainage Layout Plan
P-03 of 8	-	Ground Floor Sewer and Storm Water Drainage Plan, Legends
P-04 of 8	-	Second Floor Sewer and Storm Water Drainage Plan, Detail of Concrete Gutter, Legends
P-05 of 8	-	Sewer Isometric Layout, Legends, Detail of Trenching, Bedding & Backfilling Of Pipes, Fixture Mounting Details, Schedule of Pipe (Sewer Line)
P-06 of 8	-	Storm Water Drainage Isometric Layout, Legends
P-07 of 8	-	Ground Floor Water Distribution Layout Plan, Legends
P-08 of 8	-	Ground Floor Water Distribution Layout Plan, Details of Water Meter, Schedule of Pipe (Water Line), Legends

FIRE PROTECTION:

FP-01 of 5 -	General Notes, Material Specification, Legends, Symbols &Abbreviation, Detail of Flushing Connection, Detail of Pipe Hanger, Schedule of Equipment, Detail of Pipe Sleeves
FP-02 of 5 -	Sprinkler Layout, Schedule of Sprinkler Head
FP-03 of 5 -	Fire Extinguisher Layout, Schedule of Fire Extinguisher
FP-04 of 5 -	Detail of Sway Bracing, Detail of Sprinkler Heads Mounting Located Above / Bottom Of Beams, Detail of Sprinkler Heads
FP-05 of 5 -	Detail of Inspector Test Connection, Detail of Fire Hose Cabinet, Spot Detail, Detail of Alarm Check Valve Assembly (Wet Type), Detail of Fire Hose Valve, Detail of Supervisory Floor Control Valve Assembly, Detail of Fire Dept. Inlet Connection, Detail of Roof Manifold Outlet (Siamese Twin), Detail of Alarm Motor Gong

COVERED WALKWAY:

CW-01 of 6 -	Perspective, Site Development Plan, Ramp Blow-Up Detail, Typical Floor Plan, Typical Reflected Ceiling Plan, Typical Front Elevation, Typical Side Elevation, Typical Blow-Up Cross Section
CW-02 of 6 -	Floor Plan, Reflected Ceiling Plan, Roof Plan
CW-03 of 6 -	General Notes
CW-04 of 6 -	Typ. Foundation Plan, Typ. Roof Framing Plan, Schedule of Steel Section, Detail Of Column/Footing (C1-F1)
CW-05 of 6 -	Site Development Plan, Lighting Layout Plan, Typical Reflected Ceiling, Plan typical Blow-Up Cross Section, Detail of Ductbank on CW To MDP
CW-06 of 6 -	Covered Walkway Storm Water Drainage Plan, Covered Walkway Storm Water, Drainage Isometric Layout, Typical Detail of Downspout

PUMP HOUSE:

PH-01 of 6 -	Perspective, Location Plan, Floor Plan, Roof Plan, Reflected Ceiling Plan, Schedule of Doors & Windows, Legend
PH-02 of 6 -	Front Elevation, Right Side Elevation, Rear Elevation, Left Side Elevation, Section Thru X-X', Section Thru Y-Y'
PH-03 of 6 -	General Notes
PH-04 of 6 -	Foundation Plan (Pump House), Ground Floor Framing Plan (Pump House), Roof Framing Plan (Pump House)
PH-05 of 6 -	Retaining Wall Detail, Detail of CHB Edging, Detail of Manhole Cover, Column Schedule, Pump House Beam Schedule, Detail of Step-Up
PH-06 of 6 -	Lighting Layout Plan, Power Layout Plan, Load Schedule, Riser Diagram Legend

SECTION VIII

BILL OF QUANTITIES and ATTACHMENTS

BID SUMMARY

CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY

Port of Calapan, Oriental Mindoro

NO.	DESCRIPTION OF WORK	AMOUNT (Pesos)
BILL NO. 1	GENERAL EXPENSES	
BILL NO. 2	REMOVAL AND EXCAVATION WORKS	
BILL NO. 3	CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY	
	BID PRICE	

Name of Firm	Name of Bidder/Authorized Representative (Signatory's Legal Capacity)	Date

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**1 GENERAL EXPENSES**				
1.01	Mobilization, demobilization and cleaning	lot	1		
1.02	Rental of temporary site office and residence for the Engineer and staff	mo.	18		
1.03	Maintain temporary site office and residence for the Engineer and staff	mo.	18		
1.04	Provide Construction Safety and Health Program in the execution of the project.	mo.	18		
	TOTAL FOR BILL NO. 1				

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**2 REMOVAL AND EXCAVATION WORKS**				
2.01	Remove and dispose existing perimeter fence including accessories	l.m.	85		
2.02	Remove and dispose existing concrete pavement	sq.m.	4,822		
2.03	Remove existing interlocking paving blocks and turn-over to the authority	sq.m.	1,330		
2.04	Scraping of existing fill materials	cu.m.	964		
2.05	Excavation and backfilling works for building foundations, septic vault, drainages, and electrical works	cu.m.	476		
	TOTAL FOR BILL NO. 2				

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**3 CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY**				
3.01	Supply and deliver to site 450mm x 450mm PSC Piles	l.m.	1,232		
3.02	Handle, pitch and drive 450mm x 450mm Vertical PSC Piles	l.m.	1,232		
3.03	Cut/chip and dispose newly driven PSC Piles up to required elevation	no.	56		
3.04	Subgrade preparations	sq.m.	6,152		
3.05	Supply and apply soil treatment	sq.m.	2,464		
3.06	Supply, place and compact gravel bedding	cu.m.	278		
3.07	Supply, spread and compact aggregate base course	cu.m.	638		
3.08	Supply, spread and compact aggregate sub-base course	cu.m.	1,447		
3.09	Supply & place 4,000 psi. concrete for building structure	cu.m.	590		
3.10	Supply & install steel reinforcement for building structure	kg.	145,039		
3.11	Construct 4,000 psi. concrete slab and ramp on-fill including reinforcement	sq.m.	2,168		
3.12	Supply, fabricate & install structural steel materials including steel trusses, steel canopies, steel plates, bolts, paintings and other accessories	lot	1		

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.13	Construct 150mm thick CHB wall including reinforcement	sq.m.	1,398		
3.14	Supply and install pre-insulated panels pre-painted hi-rib main roofing single metal (Rib-type) (0.60 PPGL) with UPI board 25mm thk. Including gutter, flashing, ridge roll and other accessories	sq.m.	1,220		
3.15	Supply and install 6mm Polycarbonate solid sheet	sq.m.	43		
3.16	Supply and install dry wall partition	sq.m	191		
3.17	Supply and install fiber cement board painted finish on 50mm x 75mm light steel tracks for ledge counter	sq.m	39		
3.18	Supply and place 50mm thick rigid type stair nosing	l.m.	54		
3.19	Supply and place 13mm thick cement Plaster finish	sq.m.	1,959		
3.20	Supply and apply Elastomeric paint (2-coats)	sq.m.	1,824		
3.21	Supply and apply Quick Drying enamel (2-coats)	sq.m.	104		
3.22	Supply and apply Flat latex paint (2-coats)	sq.m.	182		
3.23	Supply and apply water proofing	sq.m.	1,576		
3.24	Supply and install aluminum composite panels and accessories	sq.m.	465		

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.25	Supply and install Solid Aluminum Composite Panels, Honeycomb / Circle Pattern and accessories	sq.m.	323		
3.26	Supply and install 0.60m x 0.60m Porcelain & Unglazed Ceramic Floor Tiles	sq.m.	2,082		
3.27	Suppy and place Non-skid / Rough Cement Floor Finish	sq.m.	152		
3.28	Supply and install 0.30m x 0.60m Glazed Ceramic Wall Tiles	sq.m.	303		
3.29	Supply and install tactile blocks	sq.m.	2		
3.30	Supply and install Synthetic granite tile splash board and countertop	sq.m.	29		
3.31	Supply and install Aluminum Clip-in Perforated Panel including accessories (1.20m x 0.60m x 0.7mm) (C1)	sq.m.	1,489		
3.32	Supply and install Aluminum Clip-in Perforated Panel including accessories (0.60m x 0.60m x 0.7mm) (C2)	sq.m.	300		
3.33	Supply and install 0.4mm thk. Pre-formed/Pre-painted ribbed type spandrel metal ceiling including accessories (C4)	sq.m.	362		
3.34	Supply and install 12mm thk. Gypsum board on 0.40mm thk galvanized steel ceiling suspension system at 0.40m O.C. (furring) carrying channel) and suspension rod (C3)	sq.m.	73		

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.35	Supply and install 12mm thk. Gypsum board (MR) on 0.40mm thk galvanized steel ceiling suspension system at 0.40m O.C. (furring) carrying channel) and suspension rod (C5)	sq.m.	106		
3.36	Supply and install stainless steel materials, buffed finish of various sizes including accessories	lot	1		
3.37	Supply and install fabricated 1.5 mm thk. Aluminum Framed and framless Doors and Windows including accessories	lot	1		
3.38	Supply and install fabricated Cold rolled steel emergency exit Doors with panic bar lock including jumbs and accessories	set	2		
3.39	Supply and install fabricated Marine Plywood Flush Doors and aluminum doors including louver, door jambs, hinges and locksets	lot	1		
3.40	Supply, fabricate and install Phenolic anti-bacterial water proof Toilet partition 12mm thk, including stainless hinges, lock indicators, bottom support door knobs and coat hooks	lot	1		
3.41	Supply and install Toilet Fixtures and accessories	lot	1		
3.42	Supply and install water line pipes and fittings including accessories.	lot	1		
3.43	Supply and install sewerage pipes and fittings including accessories.	lot	1		
3.44	Supply and install drainage pipes and fittings including accessories	lot	1		

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.45	Construct septic vault including water proofing fittings and accessories	no.	1		
3.46	Construct catch basin including accessories	no.	15		
3.47	Construct portland cement concrete pavement (300mm thk) including dowel bars and construction joint	sq.m.	3,191		
3.48	Supply, deliver and install wires and cables of various sizes	lot	1		
3.49	Supply, deliver and install conduit pipe including fittings of various sizes	lot	1		
3.50	Supply, deliver and install wiring devices	lot	1		
3.51	Supply, deliver and install protective devices	lot	1		
3.52	Supply, deliver and install lighting fixtures	lot	1		
3.53	Supply, deliver and install lightning protection and accessories	lot	1		
3.54	Supply, deliver and install auxiliary system:				
	a) Community Antenna Television (CATV)	lot	1		
	b) Background Music / Paging Alarm (BGM/PA)	lot	1		
	c) Fire Detection Alarm System (FDAS)	lot	1		
	d) Telephone System	lot	1		
3.55	Supply, deliver and install airconditioning unit	lot	1		

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BILL OF QUANTITIES
CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY
Port of Calapan, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.56	Construct Reinforced Concrete for Duct bank, Handhole, Pedestal post and lamp post foundation	lot	1		
3.57	Supply and deliver and install office furnitures including gang chairs, drinking fountain and other accessories	lot	1		
3.58	Supply and install PPA Logo including accessories	lot	1		
3.59	Supply and install green wall system	lot	1		
3.60	Supply, deliver and install distribution transformer including accessories and other incidental expenses	lot	1		
3.61	Construct Pumphouse including fire tank and other apurtenances	lot	1		
3.62	Supply and install fire protection system including testing, commisioning, fire extinguishers and other accessories	lot	1		
3.63	Supply deliver and install 100 kw Solar Panel at roof deck including framing and other accessories	lot	1		
3.64	Construct Covered Walkway including painting and other apurtenances	lot	1		
	TOTAL FOR BILL NO. 4				

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

BASIS OF PAYMENT FOR WORK ITEMS INCLUDED IN THE PROPOSAL

The work items included in the proposal and the basis of payments are as follows:

BILL NO. 1

GENERAL EXPENSES

Item 1.01 Mobilization, demobilization, and cleaning

The quantity to be paid for shall be the minimum equipment requirement enumerated in the bid documents mobilized, demobilized and cleaning of the site and accepted by the Engineer. The contract lump sum price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to mobilize and demobilize all the minimum equipment requirement enumerated in the bid documents including cleaning of the site. Fifty percent (50%) of the total amount shall be payable after the mobilization activity while the remaining (50%) payable after demobilization and cleaning.

Item 1.02 Rental of temporary site office and residence for the Engineer and staff

The quantity to be paid for shall be the actual rental of site office and residence for the engineer and staff and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary for the provision of temporary site office and residence for the engineer and staff.

Item 1.03 Maintain temporary site office and residence for the Engineer and staff

The quantity to be paid for shall be the actual services rendered in maintaining the site office and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the maintenance of the temporary site office and residence as well as other expenses such as provision for electric power, telephone bill, potable water supply, janitorial and security services.

Item 1.04 Provide construction safety and Health Program in the execution of the project

The quantity to be paid for shall be the actual implementation of construction safety and health program and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the implementation of the Construction Safety and Health Program, as required and approved by the Department of Labor and Employment (DOLE).

BILL NO. 2

REMOVAL AND EXCAVATION WORKS

Item 2.01 **Remove and dispose existing perimeter fence including accessories**

The quantity to be paid for shall be the actual length in linear meter of existing perimeter fence including accessories to be removed and disposed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.02 **Remove and dispose existing concrete pavement**

The quantity to be paid for shall be the actual area in square meter of existing concrete pavement to be removed and disposed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.03 **Remove existing interlocking paving blocks and turn-over to the authority**

The quantity to be paid for shall be the actual area in square meter of existing interlocking paving blocks to be removed and turn-over to the authority in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.04 **Scraping of existing fill materials**

The quantity to be paid for shall be the actual volume in cubic meter of existing fill materials to be scraped in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.05 **Excavation and backfilling works for building foundations, septic vault, drainages, and electrical works**

The quantity to be paid for shall be the actual volume in cubic meter of existing to be excavated materials for building foundations, septic vault, drainages, and electrical works and backfilled thereafter in accordance with the plans and specifications and accepted by the Engineer. Hydrographic/Topographic Surveys before and after placing of core rocks shall be made to determine the actual elevations along the cross sections and the actual quantities for payment. Volume due to settlement as established using settlement plates shall also be considered for payment. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

BILL NO. 3

CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY

Item 3.01 Supply and deliver to site 450mm x 450mm PSC Piles

The quantity to be paid for shall be the actual length in linear meter of 450mm x 450mm PSC Piles to be supplied and delivered in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.02 Handle, pitch, and drive 450mm x 450mm Vertical PSC Piles

The quantity to be paid for shall be the actual length in linear meter of 450mm x 450mm Vertical PSC Piles to be handled, pitched, and driven in accordance with the plans and specifications and accepted by the Engineer. Hydrographic/Topographic Surveys before and after placing and compacting of aggregate subbase course rocks shall be made to determine the actual elevations along the cross sections and the actual quantities for payment. Volume due to settlement as established using settlement plates shall also be considered for payment. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.03 Cut/chip and dispose newly driven PSC Piles up to required elevation

The quantity to be paid for shall be the actual number of newly driven PSC Piles to be cut/chipped and disposed up to required elevation in accordance with the plans and specifications and accepted by the Engineer. Hydrographic/Topographic Surveys before and after placing and compacting of aggregate subbase course rocks shall be made to determine the actual elevations along the cross sections and the actual quantities for payment. Volume due to settlement as established using settlement plates shall also be considered for payment. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.04 Subgrade preparations

The quantity to be paid for shall be the actual area in square meter of subgrade to be prepared in accordance with the plans and specifications and accepted by the Engineer. Hydrographic/Topographic Surveys before and after placing and compacting of aggregate subbase course rocks shall be made to determine the actual elevations along the cross sections and the actual quantities for payment. Volume due to settlement as established using settlement plates shall also be considered for payment. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.05 Supply and apply soil treatment

The quantity to be paid for shall be the actual area in square meter of soil treatment to be supplied and applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.06 Supply, place, and compact gravel bedding

The quantity to be paid for shall be the actual volume in cubic meter of gravel bedding to be supplied, set-in place, and compacted in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.07 Supply, spread and compact aggregate base course

The quantity to be paid for shall be the actual volume in cubic meter of aggregate base course to be supplied, spread, and compacted in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.08 Supply, spread and compact aggregate sub-base course

The quantity to be paid for shall be the actual volume in cubic meter of aggregate sub-base course to be supplied, spread, and compacted in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.09 Supply & place 4,000 psi. concrete for building structure

The quantity to be paid for shall be the actual volume in cubic meter of 4,000 psi. concrete for building structure to be supplied and set-in place in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.10 Supply & install steel reinforcement for building structure

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement for building structure to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.11 Construct 4,000 psi. concrete slab and ramp on-fill including reinforcement

The quantity to be paid for shall be the actual area in square meter of 4,000 psi. concrete slab and ramp on-fill including reinforcement be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.12 Supply, fabricate & install structural steel materials including steel trusses, steel canopies, steel plates, bolts, paintings and other accessories

The quantity to be paid for shall be the actual lot of structural steel materials including steel trusses, steel canopies, steel plates, bolts, paintings and other accessories to be supplied, fabricated, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for

furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.13 Construct 150mm thick CHB wall including reinforcement

The quantity to be paid for shall be the actual area in square meter of 150mm thick CHB wall including reinforcement, to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.14 Supply and install pre-insulated panels pre-painted hi-rib main roofing single metal (Rib-type) (0.60 PPGL) with UPI board 25mm thick. Including gutter, flashing, ridge roll and other accessories

The quantity to be paid for shall be the actual area in square meter of pre-insulated panels pre-painted hi-rib main roofing single metal (Rib-type) (0.60 PPGL) with UPI board 25mm thick. Including gutter, flashing, ridge roll and other accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.15 Supply and install 6mm Polycarbonate solid sheet

The quantity to be paid for shall be the actual area in square meter of 6mm Polycarbonate solid sheet to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.16 Supply and install dry wall partition

The quantity to be paid for shall be the actual area in square meter of dry wall partition to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.17 Supply and install fiber cement board painted finish on 50mm x 75mm light steel tracks for ledge counter

The quantity to be paid for shall be the actual area in square meter of fiber cement board painted finish on 50mm x 75mm light steel tracks for ledge counter to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.18 Supply and place 50mm thick rigid type stair nosing

The quantity to be paid for shall be the actual length in linear meter of 50mm thick rigid type stair nosing to be supplied and set-in place in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.19 Supply and place 13mm thick cement Plaster finish

The quantity to be paid for shall be the actual area in square meter of 13mm thick cement Plaster finish to be supplied and set-in place in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.20 Supply and apply Elastomeric paint (2-coats)

The quantity to be paid for shall be the actual area in square meter of Elastomeric paint (2-coats) to be supplied and applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.21 Supply and apply Quick Drying enamel (2-coats)

The quantity to be paid for shall be the actual area in square meter of Quick Drying enamel (2-coats) to be supplied and applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.22 Supply and apply Flat latex paint (2-coats)

The quantity to be paid for shall be the actual area in square meter of Flat latex paint (2-coats) to be supplied and applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.23 Supply and apply water proofing

The quantity to be paid for shall be the actual area in square meter of water proofing to be supplied and applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.24 Supply and install aluminum composite panels and accessories

The quantity to be paid for shall be the actual area in square meter of aluminum composite panels and accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.25 Supply and install Solid Aluminum Composite Panels, Honeycomb / Circle Pattern and accessories

The quantity to be paid for shall be the actual area in square meter of Solid Aluminum Composite Panels, Honeycomb / Circle Pattern and accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.26 Supply and install 0.60m x 0.60m Porcelain & Unglazed Ceramic Floor Tiles

The quantity to be paid for shall be the actual area in square meter of 0.60m x 0.60m Porcelain & Unglazed Ceramic Floor Tiles to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.27 Supply and place Non-skid / Rough Cement Floor Finish

The quantity to be paid for shall be the actual area in square meter of Non-skid / Rough Cement Floor Finish to be supplied and set-in place in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.28 Supply and install 0.30m x 0.60m Glazed Ceramic Wall Tiles

The quantity to be paid for shall be the actual area in square meter of 0.30m x 0.60m Glazed Ceramic Wall Tiles to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.29 Supply and install tactile blocks

The quantity to be paid for shall be the actual area in square meter of tactile blocks to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.30 Supply and install Synthetic granite tile splash board and countertop

The quantity to be paid for shall be the actual area in square meter of synthetic granite tile splash board and countertop to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.31 Supply and install Aluminum Clip-in Perforated Panel including accessories (1.20m x 0.60m x 0.7mm) (C1)

The quantity to be paid for shall be the actual area in square meter of Aluminum Clip-in Perforated Panel including accessories (1.20m x 0.60m x 0.7mm) (C1) to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.32 Supply and install Aluminum Clip-in Perforated Panel including accessories (0.60m x 0.60m x 0.7mm) (C2)

The quantity to be paid for shall be the actual area in square meter of Aluminum Clip-in Perforated Panel including accessories (0.60m x 0.60m x 0.7mm) (C2) to be supplied and installed in accordance with the plans and specifications and accepted by

the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.33 Supply and install 0.4mm thick Pre-formed/ Pre-painted ribbed type spandrel metal ceiling including accessories (C4)

The quantity to be paid for shall be the actual area in square meter of 0.4mm thick Pre-formed/ Pre-painted ribbed type spandrel metal ceiling including accessories (C4) to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.34 Supply and install 12mm thk. Gypsum board on 0.40mm thick galvanized steel ceiling suspension system at 0.40m O.C. (furring carrying channel) and suspension rod (C3)

The quantity to be paid for shall be the actual area in square meter of 12mm thick. Gypsum board on 0.40mm thick galvanized steel ceiling suspension system at 0.40m O.C. (furring carrying channel) and suspension rod (C3) to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.35 Supply and install 12mm thick Gypsum board (MR) on 0.40mm thick galvanized steel ceiling suspension system at 0.40m O.C. (furring) carrying channel) and suspension rod (C5)

The quantity to be paid for shall be the actual area in square meter of 12mm thick Gypsum board (MR) on 0.40mm thick galvanized steel ceiling suspension system at 0.40m O.C. (furring) carrying channel) and suspension rod (C5) to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.36 Supply and install stainless steel materials, buffed finish of various sizes including accessories

The quantity to be paid for shall be the actual lot of stainless-steel materials, buffed finish of various sizes including accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.37 Supply and install fabricated 1.5 mm thick Aluminum Framed and Frameless Doors and Windows including accessories

The quantity to be paid for shall be the actual lot of fabricated 1.5 mm thick. Aluminum Framed and frameless Doors and Windows including accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.38 Supply and install fabricated Cold rolled steel emergency exit Doors with panic bar lock including jambs and accessories

The quantity to be paid for shall be the actual set of fabricated cold rolled steel emergency exit doors with panic bar lock including jambs and accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.39 Supply and install fabricated Marine Plywood Flush Doors and aluminum doors including louver, door jambs, hinges, and locksets

The quantity to be paid for shall be the actual lot of fabricated Marine Plywood Flush Doors and aluminum doors including louver, door jambs, hinges, and locksets to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.40 Supply, fabricate and install Phenolic anti-bacterial water proof Toilet partition 12mm thick, including stainless hinges, lock indicators, bottom support door knobs and coat hooks

The quantity to be paid for shall be the actual lot of Phenolic anti-bacterial water proof Toilet partition 12mm thick, including stainless hinges, lock indicators, bottom support door knobs and coat hooks to be supplied, fabricated, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.41 Supply and install Toilet Fixtures and accessories

The quantity to be paid for shall be the actual lot of toilet fixtures and accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.42 Supply and install water line pipes and fittings including accessories

The quantity to be paid for shall be the actual lot of water line pipes and fittings including accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.43 Supply and install sewerage pipes and fittings including accessories.

The quantity to be paid for shall be the actual lot of sewerage pipes and fittings including accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.44 Supply and install drainage pipes and fittings including accessories

The quantity to be paid for shall be the actual lot of drainage pipes and fittings including accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.45 Construct septic vault including water proofing fittings and accessories

The quantity to be paid for shall be the actual number of septic vault including water proofing fittings and accessories to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.46 Construct catch basin including accessories

The quantity to be paid for shall be the actual number of catch basin including accessories to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.47 Construct Portland cement concrete pavement (300mm thick) including dowel bars and construction joint

The quantity to be paid for shall be the actual area in square meter of Portland cement concrete pavement (300mm thick) including dowel bars and construction joint to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.48 Supply, deliver and install wires and cables of various sizes

The quantity to be paid for shall be the actual lot of wires and cables of various sizes to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.49 Supply, deliver and install conduit pipe including fittings of various sizes

The quantity to be paid for shall be the actual lot of conduit pipe including fittings of various sizes to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.50 Supply, deliver and install wiring devices

The quantity to be paid for shall be the actual lot of wiring devices to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.51 Supply, deliver and install protective devices

The quantity to be paid for shall be the actual lot of protective devices to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.52 Supply, deliver and install lighting fixtures

The quantity to be paid for shall be the actual lot of lighting fixtures to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.53 Supply, deliver and install lightning protection and accessories

The quantity to be paid for shall be the actual lot of lightning protection and accessories to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.54 Supply, deliver and install auxiliary system:

a) Community Antenna Television (CATV)
b) Background Music / Paging Alarm (BGM/PA)
c) Fire Detection Alarm System (FDAS)
d) Telephone System

The quantity to be paid for shall be the actual lot of various auxiliary systems to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.55 Supply, deliver and install air-conditioning unit

The quantity to be paid for shall be the actual lot of air-conditioning unit to be supplied, delivered and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.56 Construct Reinforced Concrete for Duct bank, Handhole, Pedestal post and lamp post foundation

The quantity to be paid for shall be the actual lot of reinforced concrete for duct bank, Handhole, Pedestal post and lamp post foundation to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.57 Supply and deliver and install office furniture including gang chairs, drinking fountain and other accessories

The quantity to be paid for shall be the actual lot of office furniture including gang chairs, drinking fountain and other accessories to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The

contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.58 Supply and install PPA Logo including accessories

The quantity to be paid for shall be the actual lot of PPA Logo including accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.59 Supply and install green wall system

The quantity to be paid for shall be the actual lot of green wall system to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.60 Supply, deliver and install distribution transformer including accessories and other incidental expenses

The quantity to be paid for shall be the actual lot of distribution transformer including accessories and other incidental expenses to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.61 Construct Pumphouse including fire tank and other appurtenances

The quantity to be paid for shall be the actual lot of Pumphouse including fire tank and other appurtenances to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.62 Supply and install fire protection system including testing, commissioning, fire extinguishers and other accessories

The quantity to be paid for shall be the actual lot of fire protection system including testing, commissioning, fire extinguishers and other accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.63 Supply, deliver and install 100 kw Solar Panel at roof deck including framing and other accessories

The quantity to be paid for shall be the actual lot of 100 kw Solar Panel at roof deck including framing and other accessories to be supplied, delivered, and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.64 Construct Covered Walkway including painting and other appurtenances

The quantity to be paid for shall be the actual lot of covered walkway including painting and other appurtenances to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

FACILITIES TO BE PROVIDED FOR THE ENGINEER & HIS STAFF

RENTAL OF SITE OFFICE AND RESIDENCE FOR THE ENGINEER & STAFF

The Contractor shall provide a temporary site office and residence (rental) with an area of at least 48 square meters for use of the Engineer and his staff for the whole duration of the project.

MINIMUM MAJOR EQUIPMENT REQUIREMENTS

2	units	Air Compressor (250 cfm, minimum), owned
1	units	Backhoe (0.40 cu.m., 94.30hp, minimum), owned
1	units	Concrete cutter, owned
2	units	Concrete Mixer (1 bagger, minimum), owned
1	units	Concrete bucket, owned
1	units	Concrete Screeder, owned
2	units	Concrete Vibrator (3.5 hp, minimum), owned
1	units	Crawler Crane (30T, minimum), owned
1	units	Crawler Crane (20T, minimum), owned/leased
1	units	Pile Hammer (Diesel, 10,500 kg.m. or equivalent), owned
1	units	Drop Hammer (2T, minimum), owned
1	units	Dump Truck (8 cu.m., minimum), owned
2	units	Bar Bender (electric, 25mm dia min.), owned
2	units	Bar Cutter (electric, 25mm dia min.), owned
2	units	Jackhammer, owned
1	units	Oxy/Acetylene cutting outfit, owned
1	units	Payloader (80 hp, minimum), owned
1	units	Plate Compactor (5 hp, minimum), owned
1	units	Road Grader (125 hp, minimum), owned/leased
1	units	Road Roller (12.05T, vibratory, minimum), owned/leased
2	units	Transit Mixer (5-6 cu.m. cap., minimum), owned/leased
1	units	Water Truck with pump (1,000 gal., minimum), owned
2	units	Welding Machine (400 amp., minimum), owned
1	units	Cargo Truck (2 to 5T, capacity), owned

CONSTRUCTION SAFETY AND HEALTH REQUIREMENT

The Contractor shall implement the construction safety and health program in accordance with the applicable provisions of the Occupational Safety and Health Standards (OSHS) of the Department of Labor and Employment (DOLE).

The Contractor, subject to the approval of the Engineer shall provide and maintain throughout the duration of the contract a medical room with at least 15 square meters together with all necessary supplies to be sited in the Contractor's main area.

The Contractor shall provide the following minimum requirements:

L A B O R

1	no.	Safety Engineer / Officer
1	no.	Nurse / Health Officer

EQUIPMENT / MATERIALS

Personnel Protective Equipment

45	pcs.	Hard Hats
45	pairs	Gloves (rubberized)
45	pcs.	Safety Glasses/Goggles (clear)
90	pcs.	Long sleeve T-shirt
8	pcs.	Aprons
4	pairs	Safety Belts
45	pairs	Safety Shoes
4	sets	Life lines

Safety Devices

1	lot	Barricades
1	lot	Warning signs
2	unit/s	Fire extinguisher (10kg)

Medical and First Aid System	-	Eighteen (18) mos.
Temporary shelter for workers	-	1 lot

NOTE:

The Contractor shall provide the above-cited minimum construction safety and health requirements or as required by the Engineer.

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REVISED SCHEDULE OF MINIMUM TEST REQUIREMENTS OF CONSTRUCTION MATERIALS FOR PPA INFRASTRUCTURE PROJECTS

Materials/Items of Work	*Required Tests*	*Minimum Incremental Frequency of Tests*
I. Construction of Pier/Wharf, Platform and Ramp		
Structural Concrete (SC)		
A Portland Cement	Quality Test	For every 2,000 bags (40kg) or fraction thereof
B Fine Aggregate	Quality Test for Grading, Elutriation (wash), Bulk Specific Gravity, Absorption, Mortar Strength, Soundness, Organic Impurities, Unit Weight, % Clay Lumps and Shale	For every 1,500 cubic meter or fraction thereof
C Coarse Aggregate	Quality Test for Grading, Bulk Specific Gravity, Absorption and Abrasion	For every 1,500 cubic meter or fraction thereof
D Water	Certificate from the Engineer or Quality Test for Density and Chloride Content	One per source
E Steel Bars	Mill Certificate and Quality Test for Chemical Composition and Mechanical Properties	For every 10,000 kg or fraction thereof
F Concrete	Compressive Strength on cylinder samples	1 set consisting of 3 concrete cylinder samples shall be taken from each day's pouring and to represent not more than 75 cu m of concrete or fraction thereof
	Slump Test	For every mix
G Admixture and Concrete Curing Materials	Quality Test	One per shipment
Piling (P)		
A Concrete Piles	Fabrication Report	One per fabrication
1 Concrete	Same test as for SC (F)	Same frequency as SC (F)
2 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
3 High Tension Strand	Test for Chemical Composition and Mechanical Properties	For every 20000kg or fraction thereof

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
4 Coarse Aggregates	Same Test as for SC (C)	Same frequency as SC (C)
5 Fine Aggregates	Same Test as for SC (B)	Same frequency as SC (B)
B Steel Pipe Piles	Fabrication Report, Mill Certificate and Quality Test for Chemical and Mechanical properties	One per fabrication
1 Steel	Chemical Composition (refer below)	
	- Under 14" (355 60mm) Outside Diameter	2 from 200 pipe of fraction thereof
	- 14" to 36" (355 6 to 914mm) Outside Dia	2 from 100 pipe or fraction thereof
	- Over 36" (914mm) Outside Diameter	2 from 3000ft (914m) or fraction thereof
	Mechanical/Tensile	One (1) tension test shall be made on one length or fraction thereof of each size, or one piece of skelp representing each lot of 200 lengths or fraction thereof of each size
2 Polyurethane Coating	Mill Certificate and Quality Test	One per fabrication
3 Concrete	Same test as for SC (F)	Same frequency as SC (F)
4 Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
5 Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
6 Steel Bars	Same Test as SC (E)	Same frequency as SC (E)
7 Water	Same Test as SC (D)	Same frequency as SC (D)
Rubber Dock Fenders (RDF)	Physical Test	All units
	Performance Test for Energy Absorption and Reaction Force	All units
Accessories		
Washer and Fixing Bolt, Anchor Bolt	Physical Test	All units
	Quality Test for Chemical Composition and Mechanical Properties	One per fabrication

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Mooring Bollard (MB) and Accessories (Hexagon Nuts, Plain Washer, Anchor Ring and Anchor Bolt)	Physical Test Quality Test for Chemical Composition and Mechanical Properties	All Units One per fabrication
II. Construction of Back-Up Area, Causeway and Pavement Sheet Piling (SP)		
A Concrete Sheet Piles		
1 Concrete	Same test as for SC (F)	Same frequency as SC (F)
2 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
3 High Tension Strands	Same test as for P (A 3)	Same frequency as P (A 3)
4 Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
5 Coase Aggregates	Same Test as for SC (C)	Same frequency as SC (C)
B Steel Pipe Piles		
1 Steel	Same test as for P (B1)	Same frequency as P (B1)
2 Concrete	Same test as for SC (F)	Same frequency as SC (F)
3 Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
4 Steel Bars	Same test as for SC (E)	Same frequency as SC (E)

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Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Rocks	Test for Apparent Specific Gravity and Abrasion	For every 1,500 cubic meter or fraction thereof
Geotextile Filter	Physical and Mechanical Test Mill Certificate	One per batch One per batch
Sand and Gravel Fill	Quality Test for Organic Impurities and Grading	For every 1,500 cubic meter or fraction thereof
Selected Fill	Quality Test for Grading, Plasticity and Laboratory Compaction Test Laboratory California Bearing Ratio (CBR) Field Density Test	For every 1,500 cubic meter or fraction thereof For every 2,500 cubic meter or fraction thereof For every layer of 150mm of compacted depth at least one group of three In-situ density test for every 500 sq m or fraction thereof
Aggregate Base Course	Quality Test for Grading and Plasticity Quality Test for Grading, Plasticity, Abrasion and Laboratory Compaction Test Laboratory California Bearing Ratio (CBR) Field Density Test	For every 300 cubic meter or fraction thereof For every 1,500 cubic meter or fraction thereof Same frequency as Selected Fill Same frequency as Selected Fill
Portland Cement Concrete Pavement (PCCP)		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Steel Bars (Dowels)	Same test as for SC (E)	Same frequency as SC (E)
F Joint Filler	Quality Test	One (1) per shipment

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
G Admixture and Concrete Curing Material	Same test as for SC (G)	Same frequency as SC (G)
H Concrete	Same test as for SC (F)	Same frequency as SC (F)
	Flexural Test	3 beam samples for every 330 sq m or fraction thereof
I Completed Pavement	Core Test	1 set (3 specimen) for every 2,500 sq m and fraction thereof
Interlocking Concrete Blocks		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Admixture & Concrete Curing Materials	Same test as for SC (G)	Same frequency as SC (G)
F Completed Blocks	Physical Test and Compressive Strength	6 blocks per day of fabrication
Cement Treated Base Course (CTB)		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine & Coarse Aggregates	Quality Test for Grading, Abrasion and Soundness	For every 1,500 cubic meter or fraction thereof
C Water	Same test as for SC (D)	Same frequency as SC (D)
D Completed CTB	Field Density Test	For every layer of 150mm of compacted depth at least one group of three In-situ density test every 500 sq m or fraction thereof
Retaining Wall/Coping Wall/RC Curb/RC Ditch/Shear Key/Concrete Blocks\Lean Concrete		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Steel Bars	Same test as for SC (E)	Same frequency as SC (E)
F Admixture and Concrete Curing	Same test as for SC (G)	Same frequency as SC (G)
G Concrete	Same test as for SC (F)	Same frequency as SC (F)
Tie Rod		
A Steel	Same test as for SC (E)	One per batch
B Assembly	Performance Test (Tension)	One per batch
Tie Bars and Dowels	Same test as for SC (E)	For every 10,000 kg or fraction thereof per Tie bars and Dowels
Pipe Culverts and Storm Drains		
A Pipes	Test for Strength, Absorption and Physical	For every 50 pieces
B Mortar or Joint	Same Test as for SC (A,B and D) Alternative Test Same test as for SC (F) and Inspection Report	For every 25 pieces
Concrete Hollow Blocks		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Water	Same test as for SC (D)	Same frequency as SC (C)
D Concrete	Same test as for SC (F)	Same frequency as SC (F)
E Completed CHB	Quality Test	One for every 500 pieces or fraction thereof
Construction Joints (CJ)		
A Angle Bars	Test for Physical and Mechanical Properties	One per batch
B Steel Bars	Same test as for SC (E)	One per batch
C Zinc (Hot Dip Galvanizing) Coatings	Physical Test for Appearance, Stripping, Weighing, Adherence and Adhesion	All units
	Coating Thickness Magnetic Thickness Measurement	1 set (3 specimen) for every 100,000 sq mm or fraction thereof

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Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Sacked Concrete		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Concrete	Same test as for SC (F)	Same frequency as SC (F)
F Sack (jute)	Physical Test	One for every 50 pieces
Rubble Concrete		
A Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregates	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregates	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Concrete	Same test as for SC (F)	Same frequency as SC (F)
F Rocks	Same test as for ROCKS	Same frequency as ROCKS
Earthworks		
A Sub-grade preparation	Grading Test Plasticity Test (LL,PL,PI) Laboratory Compaction Test	For every 1,500 cubic meter or fraction thereof
	Density Test	For every layer of 150mm of compacted depth at least one group of three In-situ density test every 500 sq m or fraction thereof
B Structure Excavation	If excavated materials shall be used as Backfill Grading Test Plasticity Test (LL,PL,PI) Laboratory Compaction Test	For every 1,500 cubic meter or fraction thereof
	Density Test	For every layer of 150mm of compacted depth at least one group of three In-situ density test every 500 sq m or fraction thereof

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
III Port Operations Building/Passenger Terminal Building/Transit Shed/Warehouse		
STRUCTURAL WORKS	Refer to Structural Concrete (SC) and Piling Works (P)	
ARCHITECTURAL WORKS		
Ceramic – Filled Liquid Membrane / Water Proofing, Hydrophobic Poreblocking Ingredients with Superplasticizer	Physical Property, Mechanical and Chemical Property, Leak Test / Flood Test	One per shipment
Paint	Quality Test	One 4-L can for every 100 cans or fraction thereof
Ceramic Tile	Inspection and Evaluation Report from the Engineer	One per shipment
Stainless Steel	Inspection and Evaluation Report from the Engineer	One per shipment
Roofing Materials	Inspection and Evaluation Report from the Engineer	One per shipment
Ceiling Materials	Inspection and Evaluation Report from the Engineer	One per shipment
ELECTRICAL AND MECHANICAL WORKS		
Wires / Cables	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Electrical Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Fire Alarm System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Wiring Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment

Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
Protective Devices	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per shipment
Telephone System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
CCTV System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
CATV System	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Background Music and Paging System	Inspection and Evaluation Report from the Engineer, Testing and Commissioning	One per item
Air Conditioning Units & Ventilation	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Conduit Pipes	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Lighting Fixtures	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
PLUMBING WORKS		
Pipes	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item

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Materials/Items of Work	Required Tests	Minimum Incremental Frequency of Tests
Fixtures	Inspection and Evaluation Report from the Engineer Testing and Commissioning	One per item
Pipe Culverts	Compression Strength Inspection and Evaluation Report from the Engineer	For every size not more than 25 pipes cast in the field
IV Miscellaneous Materials Fencing A Barbed Wire, Cyclone Wire Mesh, Chain Link B Concrete Post	Physical Test (Dimensions and Coatings) Refer to Superstructure (SC)	One per Batch Refer to Superstructure (SC)
Lamp Post A Structural Steel B Zinc (Hot Dip Galvanizing) Coatings	Physical Test (Dimensions) Same test as for SC (E) Same test as for CJ (C)	All units One per batch
Drainage Steel Grating	Same test as for SC (E) Inspection Report	One (1) batch
Metal Pipe (Cast Iron Galvanized, etc)	Physical Test (Dimensions and Coatings)	1 per delivery
Welding Works	Destructive and Non Destructive Test	One (1) per lot

NOTES
1. **Testing of RDF shall be performed only by an independent Testing Laboratory duly accredited by BRS, DOST and PPA**
2. **Testing of other materials shall be performed only by an independent Testing Laboratory duly accredited by BRS and PPA.**
3. **All other issuances which are otherwise inconsistent herewith are hereby revoked or otherwise amended.**

Approved

RAUL T. SANTOS
Officer-In-Charge,
Office of the General Manager

SECTION IX

CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

☐ (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages)

Technical Documents

☐ (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**

☐ (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided under the rules; **and**

☐ (d) Special PCAB License in case of Joint Ventures;
and registration for the type and cost of the contract to be bid; **and**

☐ (e) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;
or
Original copy of Notarized Bid Securing Declaration; **and**

(f) Project Requirements, which shall include the following:

☐ a. Organizational chart for the contract to be bid;

☐ b. List of contractor's key personnel (*e.g.*, Project Manager, Project Engineers, Materials Engineers, and Foremen), to be assigned to the contract to be bid, with their complete qualification and experience data;

☐ c. List of contractor's major equipment units, which are owned, leased, and/or under purchase agreements, supported by proof of ownership or certification of availability of equipment from the equipment lessor/vendor for the duration of the project, as the case may be; **and**

☐ (g) Original duly signed Omnibus Sworn Statement (OSS);
and if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

Financial Documents

☐ (h) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC).

Class "B" Documents

☐ (i) If applicable, duly signed joint venture agreement (JVA) in accordance with RA No. 4566 and its IRR in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

☐ (j) Original of duly signed and accomplished Financial Bid Form; **and**

Other documentary requirements under RA No. 9184

☐ (k) Original of duly signed Bid Prices in the Bill of Quantities; **and**

☐ (l) Duly accomplished Detailed Estimates Form, including a summary sheet indicating the unit prices of construction materials, labor rates, and equipment rentals used in coming up with the Bid; **and**

☐ (m) Cash Flow by Quarter.

SECTION X

BIDDING FORM

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____
Project Identification No. : _____

To: **Philippine Ports Authority**
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers _____, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: **Construction of Ticketing Booth and Covered Walkway, Port of Calapan, Oriental Mindoro**;

b. We offer to execute the Works for this Contract in accordance with the PBDs;

c. The total price of our Bid in words and figures, excluding any discounts offered below is: _____;

d. The discounts offered and the methodology for their application are: _____;

e. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties],* which are itemized herein and reflected in the detailed estimates,

f. Our Bid shall be valid within the period stated in the PBDs, and it shall remain binding upon us at any time before the expiration of that period;

g. If our Bid is accepted, we commit to obtain a Performance Security in the amount of _____ percent of the Contract Price for the due performance of the Contract, or a Performance Securing Declaration in lieu of the the allowable forms of Performance Security, subject to the terms and conditions of issued GPPB guidelines[1] for this purpose;

h. We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;

i. We understand that this Bid, together with your written acceptance thereof included

[1] currently based on GPPB Resolution No. 09-2020

in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed; and

j. We understand that you are not bound to accept the Lowest Calculated Bid or any other Bid that you may receive.

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the **Construction of Ticketing Booth and Covered Walkway, Port of Calapan, Oriental Mindoro** of the **Philippine Ports Authority**.

l. We acknowledge that failure to sign each and every page of this Bid Form, including the Bill of Quantities, shall be a ground for the rejection of our bid.

Name: _____

Legal Capacity: _____

Signature: _____

Duly authorized to sign the Bid for and behalf of: _____

Date: _____

STATEMENT OF THE BIDDER'S ALL ONGOING GOVERNMENT AND PRIVATE CONTRACTS, INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED

I hereby declare that all ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid are listed below:

Name of outstanding Contracts 1]	Owner's Name and Address	Scope of Work 2]	Contractor's Role and Percentage of Participation 3]	Total Contract Amount or Value 4]	Date of Contract and NOA 5]	Value of Outstanding Works 6]	Accomplishment (in percentage, %) 7]		Contract Duration 8]	
							Planned	Actual	Start of Project	Estimated Completion Date
A) Government Contracts										
i. On-going										
ii. Awarded but not yet started										
B) Private Contracts										
i. On-going										
ii. Awarded but not yet started										

NOTE:

1] As appearing in the contract executed by the parties.
2] With special reference to the Scope of Works of the Project as described/enumerated in the Contract.
3] Indicate the percentage of participation and whether as Sole Contractor, Sub-Contractor or Member in a Joint Venture / Consortium.
4] Indicate the FOREX used if Contract Value is expressed in a currency other than the Philippine Peso.
5] As appearing in the Contract and Notice of Award (NOA).
6] Amount or value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.
7] Percentage of Accomplishment as of the preceding month which should not be earlier than two (2) months from the date of bid submission.
8] As appearing in the Notice to Proceed and Contract.

This Statement shall be supported by:

a) Notice of Award
b) Notice to Proceed and Contract

Name of Firm	Name of Bidder/Authorized Representative (Signatory's Legal Capacity)	Date

Revised: September 2021

STATEMENT OF THE BIDDER'S SINGLE LARGEST COMPLETED CONTRACT (SLCC) SIMILAR TO THE CONTRACT TO BE BID

Name of the completed Contract 1]	Owner's Name and Address	Scope of Work 2]	Contractor's Role and Percentage of Participation 3]	Total Contract Value At 4]			Date of Award 5]	Contract Duration 6]	
				Award	Completion	Escalated Value to Present Prices		Start	Completed

NOTE :

1] As appearing in the contract executed by the parties.
2] With special reference to the Scope of Works of the Project as described/enumerated in the Contract.
3] Indicate the percentage of participation and whether as Sole Contractor, Sub-Contractor or Member in a Joint Venture / Consortium.
4] Indicate the FOREX used if Contract Value is expressed in a currency other than the Philippine Peso. Attached the computation for the escalated contract value.
5] As appearing in the Notice of Award.
6] As appearing in the Notice to proceed and Certificate of Completion.

A. The bidder must have an experience of having completed a SLCC that is similar to the contract to be bid equivalent to at least fifty percent (50%) of the ABC, adjusted if necessary, by the Bidder to current prices using the PSA consumer price indices. A contract is considered to be "similar" to the contract to be bid if it has the same Major Categories of Work as stated in the Bid Data Sheet (BDS).

B. This Statement shall be supported by:
   a. Notice of Award, Notice to Proceed and Contract.
   b. Project Owner's Certificate of Final Acceptance issued by the owner and/ or Constructors Performance Evaluation System (CPES) Final Rating, which must be at least Satisfactory. The said Certificate of Acceptance shall contain the following: 1) Name of project owner that issued the certificate, 2) Name of Contractor/ Constructor, 3) Name of Contract, and 4) Contract Duration.
   c. Recapitulation or Final Bill of Quantities.

Name of Firm	Name of Bidder/Authorized Representative (Signatory's Legal Capacity)	Date

Revised: September 2021

STATEMENT OF THE BIDDER'S EXPERIENCE ON MAJOR CATEGORIES OF WORK OF THE SLCC INCLUDING OTHER COMPLETED CONTRACTS SIMILAR TO THE CONTRACT TO BE BID

Major Categories of Work 1]	Unit of Measure 1]	Quantity 1]	**SLCC** similar to the contract to be bid 2]	Other completed contracts similar to the contract to be bid 2]			Unit of Measure 2]	Quantity 2]
			Name of the contract	Name of the contract	Name of the contract	Name of the contract		
1. Pile Driving works	l.m.	616						
2. Reinforced Concrete works	cu.m.	295						
3. Construction of Building	sq.m.	1,080						

NOTE:
1] As stated in the Bid Data Sheet.
2] As appearing in the Recapitulation and/ or Final Bill of Quantities.
This statement shall be supported by:

a. Notice of Award, Notice to Proceed and Contract.
b. Project Owner's Certificate of Final Acceptance issued by the owner and/ or Constructors Performance Evaluation System (CPES) Final Rating, of at least satisfactory. The said Certificate of Acceptance shall contain the following: 1) Name of project owner that issued the certificate, 2) Name of Contractor/Constructor, 3) Name of Contract, and 4) Contract Duration.
c. Recapitulation and/ or Final Bill of Quantities.

Name of Firm	Name of Bidder/Authorized Representative Signatory's Legal Capacity	Date

Revised: September 2021

FINANCIAL DATA

A. The prospective bidder's audited Financial Statements, showing, among others, the prospective bidder's total and current assets and liabilities, stamped "RECEIVED" by the Bureau of Internal Revenue (BIR), or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission.

	Year
1. Total Assets	
2. Current Assets	
3. Total Liabilities	
4. Current Liabilities	
5. Net worth (1-3)	
6. Net Working Capital (2-4)	

B. The computation of the bidders Net Financial Contracting Capacity (NFCC) must be at least equal to the ABC to be bid, as follows:

NFCC = [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid.

NFCC = _____

Attached herewith are certified true copies of the audited financial statements stamped received by the BIR or BIR authorized collecting agent for the latest/immediately preceding calendar year.

_____
Name of Firm/Applicant

_____
Authorized Signing Official

Date:_____

NOTES:

If Partnership or Joint Venture, each Partner or Member Firm of Joint venture shall submit separate financial statements.

STATEMENT OF THE BIDDER'S KEY PERSONNEL PLEDGED FOR THE CONTRACT TO BE BID

I hereby declare that the following key personnel are qualified and available for the duration of the contract to be bid:

Position of Key Personnel 1]	Name	No. of Key Personnel	Similar Experience in the Position (Years) 2]	Total Experience in the Position (Years)	Attachment(s)	Annex(es)
Project Manager					PRC License (CE Preferred) Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Project Engineer					PRC License (CE Preferred) Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Project Architect					PRC License Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Materials Engineer II					PRC License (CE Preferred) Submit Valid and Renewed DPWH Certificate of Accreditation Submit Accreditation Identification Card as Materials Engineer Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Construction Safety and Health Officer					Certificate of Safety and Health Construction Related Course issued by DOLE Accredited Trainings Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Foreman					Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Other Position(s)					Complete Qualification and Experience Data Certificate of Commitment	Annex "_"

NOTE: 1] As stated in the Bid Data Sheet
2] The number of years of experience of the key personnel shall be as indicated in the qualification and experience data or curriculum vitae.

Minimum qualification requirements: The key personnel must have a work experience that is similar in nature and complexity to the contract to be bid.

Project Manager - Five (5) years
Project Engineer - Three (3) years
Project Architect - Three (3) years
Foreman - Five (5) years
Materials Engineer – One (1) year
Materials Engineer I – for projects costing up to 100M
Materials Engineer II – for projects costing more than 100M
Construction Safety and Health Officer – One (1) year

Name of Firm

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Date

Revised: September 2021

STATEMENT OF THE BIDDER'S EQUIPMENT PLEDGED FOR THE CONTRACT TO BE BID

I hereby declare that the following equipment are in good operating condition and available for the duration of the contract to be bid:

DESCRIPTION (Type, Model, Make)	No. of Unit(s)	Capacity/ Output 1]	Owned, Leased, and/or under purchased agreement 2]	Proof of Ownership/ Leased/ Under Purchase Agreement (Mark as Annex "A.....Z") 3]	OTHER INFORMATION (As Applicable)				
					Manufacturer	Engine Serial No.	Chassis No./ Name of Vessel	Location	Status

NOTE:

1] The unit of capacity of the pledged equipment shall be as indicated in the Proof of Ownership, i.e. GW (for crane barge), DWT (for deck barge and hopper barge), Ton (for crane, road roller and drop hammer), kg.-m/blow (for diesel hammer), cu.m. (for dump truck), hp (for tugboat, road grader, bulldozer and concrete vibrator), cfm (for compressor), gal (for water truck with pump), amp (for welding machine), bagger (for concrete mixer). If the capacity of the pledged equipment is not indicated in the Proof of Ownership/Leased Contract/Purchased Agreement, submit other proof of capacity such as specifications, brochures or other verifiable printouts indicating the model name, model number and other details of the equipment.

2] Indicate if the pledged equipment are owned, leased or under purchase agreement.

3] If the pledged equipment is owned, it should be in the name of the bidder. Submit proof of ownership, i.e. deed of sale, sales invoice, official receipt; For owned Water Truck, Dump Truck and Transit Mixer submit LTO Certificate of Registration and valid Official Receipt; For owned barge/tugboat, submit Marina Certificate of Ownership and valid Cargo Ship Safety Certificate.

If the pledged equipment is leased/under purchased agreement, submit certification of availability of equipment from the equipment lessor/vendor for the duration of the project, and duly Notarized copy of leased contract/purchased agreement.

If the pledged barge/tugboat is leased/under purchase agreement, submit certification of availability of barge/tugboat from the equipment lessor/vendor for the duration of the project, and duly Notarized copy of leased contract/purchased agreement together with a copy of the Marina Certificate of Ownership and valid Cargo Ship Safety Certificate.

The Minimum Major Equipment Requirements are listed in Section 8, Annex 3.

Name of Firm	Name of Bidder/Authorized Representative (Signatory's Legal Capacity)	Date

Revised: September 2021

Omnibus Sworn Statement for Sole Proprietorship

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, [Civil Status], [Nationality], and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the sole proprietor or authorized representative of _____ with office address at _____;

2. As the owner and sole proprietor, or authorized representative of _____, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **Construction of Ticketing Booth and Covered Walkway, Port of Calapan, Oriental Mindoro**, as shown in the attached duly notarized Special Power of Attorney;

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

   a. Carefully examining all of the Bidding Documents;
   b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
   c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
   d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIANT

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement for Partnership or Cooperative

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, [Civil Status], [Nationality], and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the duly authorized and designated representative of _____ with office address at _____;

2. I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **Construction of Ticketing Booth and Covered Walkway, Port of Calapan, Oriental Mindoro**, of the **Philippine Ports Authority**, as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

   a. Carefully examining all of the Bidding Documents;
   b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
   c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
   d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIANT

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Omnibus Sworn Statement for Corporation or Joint Venture

[shall be submitted with the Bid]

REPUBLIC OF THE PHILIPPINES)
CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, _____, of legal age, [Civil Status], [Nationality], and residing at _____, after having been duly sworn in accordance with law, do hereby depose and state that:

1. I am the duly authorized and designated representative of _____ with office address at _____;

2. I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **Construction of Ticketing Booth and Covered Walkway, Port of Calapan, Oriental Mindoro**, as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;

5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:

   a. Carefully examining all of the Bidding Documents;
   b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
   c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
   d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any

form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

IN WITNESS WHEREOF, I have hereunto set my hand this __ day of ___, 20__ at _____, Philippines.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIANT

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

Bid Securing Declaration Form

[shall be submitted with the Bid if bidder opts to provide this form of bid security]

REPUBLIC OF THE PHILIPPINES)
CITY OF _____) S.S.

BID SECURING DECLARATION
Project Identification No.: _____

To: **Philippine Ports Authority**
PPA Building, Bonifacio Drive,
South Harbor, Port Area, Manila

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid Securing Declaration.

2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting Order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f),of the IRR of RA No. 9184; without prejudice to other legal action the government may undertake.

3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:

   a. Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
   b. I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right; and
   c. I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this ____ day of *[month] [year]* at *[place of execution]*.

_____
Name of Bidder/ Authorized Representative
(Signatory's Legal Capacity)
AFFIANT

[Jurat]
[Format shall be based on the latest Rules on Notarial Practice]

CONSTRUCTION METHODOLOGY

Name of Project : _____

Project Description : _____

Location : _____

MINIMUM SCOPE OF CONSTRUCTION METHODOLOGY

A. REMOVAL AND EXCAVATION WORKS

1. Removal & disposal of existing perimeter fence.
2. Removal & disposal of existing concrete pavement.
3. Removal of existing interlocking concrete paving blocks.
4. Scraping of existing fill materials.
5. Excavation and backfilling works.

B. CONSTRUCTION OF TICKETING BOOTH AND COVERED WALKWAY

1. Supply, driving, cutting & chipping of 450 x 450mm PSC foundation piles.
2. Construction of 1-storey Ticketing Booth, complete with architectural finishes, electro/mechanical, fire protection system, painting etc.
3. Construction of Pumphouse & appurtenances
4. Supply, delivery & installation of distribution Transformer & accessories
5. Supply & installation of fire protection system
6. Supply and installation of 100 kw Solar panel
7. Construction of covered walkway

NOTES:

The narrative construction method will guide and familiarize the contractor and the PPA on how the project shall be carried out in accordance with the highest standard of workmanship.

The construction method shall be consistent with the Bar Chart / S-Curve Schedule, Equipment Schedule and Manpower Schedule.

_____
Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

MANPOWER SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

MANPOWER (Minimum)	CONTRACT DURATION (_____ Calendar Days)																	
	MONTHLY																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Project Manager																		
Project Engineer																		
Project Architect																		
Materials Engineer II																		
Construction Safety and Health Officer																		
Foreman																		
Specify other applicable positions, ie.:																		
- Carpenter																		
- Steelman																		
- Mason																		
- Electrician																		
- Rigger																		
- Others																		

_____
Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

EQUIPMENT UTILIZATION SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

EQUIPMENT (Minimum)	No. of Units	CONTRACT DURATION (_____ Calendar Days)																	
		M O N T H L Y																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

CASHFLOW BY QUARTER AND PAYMENT SCHEDULE

Name of Project: : _____

Project Description : _____

Location : _____

Project Duration (days or months)	Payment Schedule (Monthly, in Pesos)	Cash flow (Quarterly, in Pesos)
TOTAL		

NOTES

- The cash flow by quarter and payment schedule should be consistent with the Bar Chart and S-curb.
- Payment schedule shall not be more than once a month.

_____
Name of Bidder/Authorized Representative
(Signatory's Legal Capacity)

Revised: September 2021

Contract Agreement Form for the Procurement of Infrastructure Projects (Revised)

[not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]

CONTRACT AGREEMENT

THIS AGREEMENT, made this _____ day of _____, _____ between **Philippine Ports Authority** with principal office at PPA Building, Bonifacio Drive, South Harbor, Port Area, Manila (hereinafter called the "Entity") and **[name and address of Contractor]** (hereinafter called the "Contractor").

WHEREAS, the Entity is desirous that the Contractor execute **[name and identification number of contract]** (hereinafter called "the Works") and the Entity has accepted the Bid for **[contract price in words and figures in specified currency]** by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.

2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as part of this Agreement, *viz.*:

   a. Philippine Bidding Documents (PBDs);
      i. Drawings/Plans;
      ii. Specifications;
      iii. Bill of Quantities;
      iv. General and Special Conditions of Contract;
      v. Supplemental or Bid Bulletins, if any;

   b. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;

   Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (*e.g.*, Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;

   c. Performance Security;

   d. Notice of Award of Contract and the Bidder's conforme thereto; and

e. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of **[total contract price in words and figures]** or such other sums as may be ascertained, **[Named of the bidder]** agrees to **[state the object of the contract]** in accordance with his/her/its Bid.

4. The **Philippine Ports Authority** agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

JAY DANIEL R. SANTIAGO General Manager	**Name of Bidder/ Authorized Representative** (Signatory's Legal Capacity)
for:	for:
Philippine Ports Authority	**Contractor**

Acknowledgment

[Format shall be based on the latest Rules on Notarial Practice]