ITEM 17B : FINISHES

FINISHES

GENERAL

General Requirements contain provisions and requirements essential to these Specifications; and apply to this section, whether or not referred to herein.

SCOPE OF WORK

The work covered by this section consists of furnishing all labor, materials, equipment, tools, and incidentals necessary to undertake, and complete all finishing works as indicated on the drawings and as specified herein.

Wall, floor, ceiling, and other finishing works shall include but are not limited to the following:

WALLS
For Boardwalk Fence
Exterior

a. Plain cement finished painted with elastomeric paint.

Location as shown in the plans and elevations.

Plain Cement Finish

a. Surface Preparation

All surfaces shall be cleaned and projections, dust, loose particles, and other materials, which would prevent good bond, shall be removed.

Plaster shall not be applied directly to concrete and masonry surfaces coated with bituminous compounds and surfaces previously painted or plastered.

All surfaces shall be thoroughly wetted before plastering.

b. Trial Mix

A trial mix of at least three (3) different water-cement ratios for a proposed mix shall be prepared under full-scale conditions and adequate workability. The proportions by weight of cement to the weight of sand shall not be less than one part of Portland cement to two parts of sand.

The proportion of cement, sand and water necessary to produce the cement plaster of the required consistency shall be subject to the approval of the Engineer. Such approval may be withdrawn at any time and a change in proportions may be required. Based on the approved mix proportions, the Contractor shall prepare a list showing the number of kilograms of the various materials to be used in the cement plaster finish mix.

No cement plaster finish shall be started without an approved trial mix by the Engineer.

c. Cement Finish Application

A brown coat with sufficient pressure shall be applied to fill the gaps, and to secure a good bond. Moistened for 48 hours, each coat of cement plaster shall be kept after application and allow to dry.

A finish coat shall be applied after the brown coat has set. The brown coat shall be moistened before application of the finish coat. Finish coat shall be floated to plumb, even planes and surfaces.

Final plaster finishes shall be rubber sponged.

d. Tolerance

The Contractor shall finish plaster work plumb, level, square and true within tolerance of 3mm in 3 meters, without cracks and other imperfections.

e. Patching and Cleaning

Upon completion of the building, and when directed, all loose, cracked, damaged or defective plastering shall be cut out and re-plastered in a satisfactory and approved manner.

Painting Works

a. Surface Preparation

Allow new masonry to dry for 14 days (for exterior surfaces) to 28 days (for interior surfaces) under normal conditions before painting. Surface to be painted should be clean and dry, free from oil, grease, dirt, dust, contaminants, and all loose grit and mortar.

Without mesh:

1st Coat: Elastomeric Wall Covering Sealer

2nd and 3rd Coat: Elastomeric Wall Covering Basecoat

4th Coat: Elastomeric Wall Covering Topcoat

With mesh:

1st Coat: Elastomeric Wall Covering Sealer

2nd Coat: Elastomeric Wall Covering Basecoat
Reinforcing Membrane: Fiberglass Matting

3rd and 4th Coat: Elastomeric Wall Covering Basecoat

5th Coat: Elastomeric Wall Covering Topcoat

FLOORS

1. 2900mm x 140mm WPC Decking, Wood-look finish
   Locations are shown in the plan.

a. WPC Decking tiles shall be color varies and as shown on the drawings or to be designated by the Architect.

b. Portland Cement, sand, water, and adhesive shall conform to the requirements.

c. Floor tiles shall be delivered in the manufacturer's original unbroken packages or containers that are labeled plainly with the manufacturer's name and brand. Containers shall be grade scaled. Materials shall be stored in dry weathertight enclosures and shall be handled in a manner that will prevent the inclusion of foreign materials and damage by water or dampness.

EXECUTION

Pre-Installation Survey

a. Verify the installation area against approved shop drawings.
b. Check substrate levels, gradients, dimensions, and drainage.
c. Confirm finished deck elevation and transitions to adjacent finishes.
d. Identify access covers, drains, posts, columns, doors, and penetrations.
e. Establish board direction and joint layout.
f. Plan board lengths to avoid narrow strips and visually irregular joints.
g. Obtain approval for the initial setting-out before full installation.

Substrate Preparation

a. Remove laitance, debris, grease, sharp projections, and loose material.
b. Repair cracks, depressions, and defective areas where required.
c. Do not mechanically fix through waterproofing without written approval.
d. Use protection pads beneath pedestals or battens over waterproof membranes.
e. Ensure supports do not block water flow.
f. Correct inadequate falls before installing the decking.

Substructure Installation

a. Set joists perpendicular to the intended decking-board direction.
b. Space joists in accordance with the approved load-span requirements.
c. Provide double joists beneath every board end joint.
d. Provide additional supports beneath perimeter boards, picture frames, stairs, heavy fixtures, and access panels.
e. Keep joist ends separated where movement is required.
f. Level the joists using approved pedestals or non-compressible packers.
g. Secure the frame against lateral movement and uplift.
h. Maintain a straight, level support plane without local high points.

i. Do not notch, drill, or modify structural members without approval.
j. Protect cut steel surfaces with an approved compatible coating.

For ground-level installations, the substructure shall be fully isolated from soil and persistent moisture. Installation directly onto soil, sand, grass, or an unprepared surface is not permitted.

Decking Board Installation

a. Establish a straight reference line.
b. Install the first board using proprietary starter clips.
c. Position intermediate clips at every joist intersection.
d. Tighten screws uniformly without crushing the board edge or preventing movement.
e. Maintain consistent side gaps using manufacturer-approved spacers.
f. Support each board end independently on a joist or double-joist arrangement.
g. Stagger butt joints only where indicated in the approved layout.
h. Do not allow two board ends to share one narrow support unless the system is specifically designed for it.
i. Predrill boards where required, particularly near ends and for face-fixing.
j. Use fine-tooth carbide-tipped blades and suitable cutting tools.
k. Remove cutting dust immediately to prevent surface staining.
l. Maintain perimeter, end, and penetration clearances.
m. Avoid over-tightening clips, which may distort boards or restrict thermal movement.
n. Frequently check alignment, spacing, flatness, and color distribution.
o. Replace damaged, excessively bowed, or visibly inconsistent boards.

Butt Joints

At each butt joint:

a. Provide separate support beneath each board end.
b. Fix each board end independently.
c. Maintain the calculated end gap.
d. Keep the joint aligned and supported against vertical movement.
e. Provide sufficient clearance below the joint for drainage and ventilation.
f. Do not apply rigid sealant between board ends.
Where practical, use full-length boards or planned breaker boards to reduce the number of butt joints.

Perimeters and Fascia

a. Support fascia boards independently at the manufacturer's required centers.
b. Maintain clearance between fascia and finished ground or waterproofing.
c. Do not close ventilation openings continuously.
d. Provide discreet openings for drainage and airflow.
e. Align exposed edges and conceal hollow board ends using approved caps or trims.
f. Face screws shall be aligned, evenly spaced, predrilled, and color matched where possible.

SUBMITTAL

1. Shop drawings for all finishing and painting works for the building shall be submitted in advance to allow twenty eight days for review and approval. Shop drawings shall indicate materials and details of finishing works. The Contractor shall be responsible for all errors of detailing and fabrication, and for the correct finishing work items shown on the shop drawings.

2. The Contractor, before placing order for the finishing materials shall submit to the Engineer for approval representative samples of finishing materials. No placing of orders for material for finishing works shall be made without his approval.

3. Samples of all walls finishes, measuring not less than 1000mm x 1000mm shall be submitted to the Engineer for approval as to its finish texture and workmanship.

ITEM 16C : LANDSCAPING

OUTDOOR PLANTS

SCOPE OF WORK

The landscaping works shall include the supply, delivery, planting, staking/support, soil preparation, establishment, maintenance, and replacement of the following landscape plants:

Plant	Common/Botanical Reference	Planting Size
Green African Talisay Tree	*Terminalia* spp.	10 ft height
Beach Lily	*Crinum* spp.	1 ft height
Crinum	*Crinum* spp.	1.5 ft height
Giant Pandanus	*Pandanus* spp.	2 ft height

All plant materials shall be healthy, vigorous, well-rooted, pest- and disease-free, and appropriate for the site conditions.

Plant Material Standards

General

1. Plants shall be **nursery-grown and properly hardened** prior to delivery.
2. Plant materials shall conform to the sizes indicated in the landscape drawings and plant schedule.
3. Plants shall have a well-developed root system appropriate to their size.
4. Trees shall have a straight, structurally sound trunk and well-balanced crown.
5. Shrubs, lilies, and pandanus shall have healthy foliage characteristic of the species.
6. Plants showing signs of disease, insect infestation, root damage, mechanical injury, severe transplant shock, or nutrient deficiency shall be rejected.
7. Root-bound or severely circling-rooted container plants shall not be accepted.
8. Plant dimensions shall be measured from the approved reference point established by the Landscape Architect.

Planting Specifications

A. Green African Talisay Tree – 10 ft

Planting material: Green African Talisay Tree, approximately **10 ft overall height.**

Requirements

- Minimum overall height: **10 ft**

- Plant shall have a straight and stable trunk.
- Crown shall be reasonably symmetrical and free from major dead or broken branches.
- Root ball shall be firm and intact during transport and planting.
- Plant shall be acclimatized to outdoor tropical conditions.

Planting

- Provide planting pit approximately **2–3 times the diameter of the root ball** and sufficiently deep to accommodate the root system without burying the trunk flare.
- Set tree with the **top of the root ball level with or slightly above finished grade**, subject to actual soil conditions.
- Backfill with approved planting soil, free from construction debris, rocks, weeds, and contaminants.
- Water thoroughly immediately after planting.
- Provide tree staking where required for stabilization.

Staking

Provide **two or three stakes** with flexible tree ties where required. Ties shall support the tree without restricting natural trunk movement or damaging the bark.

Mulching

Provide approximately **50–75 mm mulch layer** around the tree, keeping mulch clear of direct contact with the trunk.

B. Beach Lily – 1 ft

Planting material: Beach Lily, approximately **1 ft height/established plant size.**

Requirements

- Plants shall be vigorous and well-rooted.
- Foliage shall be healthy and free from significant pest or disease damage.
- Plants shall be suitable for tropical outdoor and coastal conditions.

Planting

- Planting pits shall be approximately **2 times the root-ball diameter**.
- Plant at the same depth as the nursery-grown condition.
- Do not bury the crown.
- Backfill with approved planting soil and firm lightly around the root zone.
- Water immediately after planting.

Spacing

Typical spacing: **450–600 mm on center**, unless otherwise indicated on the landscape drawings.

C. Crinum – 1.5 ft

Planting material: Crinum, approximately **1.5 ft established height.**

Requirements

- Plants shall be healthy, vigorous, and properly rooted.
- Bulbs/crowns shall be undamaged.
- Leaves shall exhibit normal color and growth for the species.

Planting

- Prepare planting soil to a minimum depth of approximately **300 mm**.
- Plant at the appropriate depth for the supplied nursery-grown material.
- Do not bury the crown excessively.
- Provide good drainage to prevent prolonged waterlogging.
- Water thoroughly after planting.

Spacing

Typical spacing: **600–900 mm on center**, adjusted according to the landscape design and mature plant spread.

D. Giant Pandanus – 2 ft

Planting material: Giant Pandanus, approximately **2 ft height**.

Requirements

- Plant shall have a healthy central growing point and undamaged foliage.
- Root system shall be established and free from serious circling.
- Plants shall be free from pests and diseases.
- Select plants of consistent size for mass planting.

Planting

- Prepare planting pit approximately **2 times the root-ball diameter**.
- Plant at the same depth as the nursery condition.
- Ensure the plant is vertically aligned and stable.
- Backfill with approved planting soil.
- Water thoroughly immediately following installation.

Spacing

Typical spacing: **1.0–1.5 m on center**, subject to the intended landscape composition and mature spread.

Soil Preparation

a. Planting Soil

Planting soil shall be a friable, fertile, well-draining soil suitable for tropical landscape planting.

It shall be:

- Free of construction debris, concrete, asphalt, glass, plastics, and other contaminants.
- Free of excessive stones, roots, weeds, and invasive plant material.
- Well-draining and capable of supporting healthy root development.

- Appropriate for the selected plant species.

b. Soil Amendment

Where existing soil is unsuitable, provide approved organic soil conditioner/compost and other amendments as recommended following site soil assessment.

Do not use excessive fertilizer or amendments directly against plant roots.

Planting Procedure

1. Verify plant locations against the approved landscape drawings before excavation.
2. Confirm underground utilities and existing services.
3. Establish final grades and drainage before planting.
4. Excavate planting pits to the required dimensions.
5. Remove unsuitable excavated soil and debris.
6. Loosen compacted soil at the bottom and sides of planting pits.
7. Position plants at approved locations and orientations.
8. Ensure correct planting depth.
9. Backfill with approved planting soil.
10. Firm soil sufficiently to eliminate major air pockets without excessive compaction.
11. Form a shallow watering basin around individual plants where appropriate.
12. Water thoroughly after installation.
13. Apply mulch.
14. Stake or support trees and large plants where necessary.
15. Remove damaged or broken foliage following accepted horticultural practice.
16.

Mulching

Provide organic mulch around planted areas.

- Minimum mulch thickness: **50 mm**
- Maximum typical thickness: **75 mm**
- Maintain a clear space around tree trunks and plant crowns.
- Do not allow mulch to contact the trunk, crown, or growing point.
- Mulch shall be clean and free from weed seeds, contaminants, and construction waste.

Irrigation and Watering

The Contractor shall provide adequate watering during establishment.

Immediately after planting:

- Water all plants thoroughly.
- Ensure water penetrates the complete root zone.
- Avoid excessive runoff and soil erosion.

- Adjust watering frequency according to rainfall, soil conditions, plant species, and site exposure.

  Where an irrigation system is provided, irrigation outlets shall be positioned to adequately wet the plant root zones without causing erosion or prolonged waterlogging.

Maintenance and Establishment Period

Landscape maintenance shall commence immediately following planting.

Maintenance shall include:

- Regular watering.
- Weed removal.
- Removal of dead or damaged leaves.
- Pruning as necessary to maintain natural form.
- Replacement of dead or severely damaged plants.
- Pest and disease monitoring and control.
- Adjustment/replacement of stakes and ties.
- Maintenance of mulch depth.
- Soil cultivation where required.
- Fertilization only when necessary and using an approved landscape fertilizer program.

  Minimum establishment period: 90 days, unless a longer period is specified in the project contract.

Plant Replacement

Any plant that dies, becomes severely damaged, or fails to establish during the maintenance/establishment period due to improper installation or inadequate maintenance shall be replaced by the Contractor at no additional cost.

Replacement plants shall:

- Be of the same species;
- Meet or exceed the originally specified size;
- Be healthy and nursery-grown;
- Be installed using the same approved planting procedures.

Quality Control and Approval

Prior to planting, the Contractor shall submit plant materials for approval by the **Landscape Architect/Consultant/Owner**.

Approval shall include verification of:

- Species/type.

- Plant height and dimensions.
- General health and vigor.
- Root condition.
- Form and appearance.
- Uniformity of plants within mass planting areas.
- Suitability for the project site.

No plant substitution shall be made without prior written approval.

11. Recommended Landscape Schedule

Code	Plant Material	Size	Suggested Spacing	Remarks
T-01	Green African Talisay Tree	10 ft ht.	As shown on plan	Feature/shade tree
L-01	Beach Lily	1 ft ht.	450–600 mm O.C.	Mass/edge planting
L-02	Crinum	1.5 ft ht.	600–900 mm O.C.	Accent/mass planting
P-01	Giant Pandanus	2 ft ht.	1.0–1.5 m O.C.	Tropical/coastal planting

Note: Final plant spacing, quantities, pit dimensions, and locations shall be based on the approved landscape drawings and actual mature plant characteristics.

OUTDOOR PLANTS

Scope of Work

The work shall include the supply, delivery, installation, positioning, and maintenance of indoor plants in approved plastic pots, including suitable growing medium, drainage provisions, and accessories necessary for proper establishment.

Code	Plant Material	Container
IP-01	Selloum	Plastic pot
IP-02	Palmera	Plastic pot

Plant Material Requirements

A. General

1. Plants shall be healthy, vigorous, well-established, and nursery-grown.
2. Plants shall be suitable for indoor or covered semi-indoor conditions.
3. Foliage shall be clean, well-developed, and free from significant pest, disease, yellowing, or mechanical damage.
4. Plants shall have a well-developed root system appropriate to the container size.
5. Plants shall be reasonably uniform in size and appearance where used in groups.
6. No severely root-bound, wilted, damaged, or poorly established plants shall be accepted.

Selloum

Plant material: Selloum (*Thaumatophyllum bipinnatifidum*, formerly *Philodendron selloum*).

Requirements

- Healthy, full foliage with characteristic deeply lobed leaves.
- Upright and well-balanced growth.
- Minimum plant size shall be as indicated on the approved plant schedule/drawings.
- Leaves shall be free from excessive dust, discoloration, pest infestation, and disease.

Installation

- Place plant centrally within the designated plastic pot.
- Provide well-draining indoor planting medium.
- Maintain the crown/stem at the proper planting level.
- Water thoroughly after installation while avoiding prolonged saturation.
- Position away from direct harsh sunlight, air-conditioning discharge, and sources of excessive heat.

Palmera

Plant material: Palmera/palm species as indicated in the approved plant schedule.

Requirements

- Plant shall have a healthy, upright form and well-developed foliage.
- Fronds shall be free from significant browning, pest infestation, or mechanical damage.
- Central growing point shall be healthy and undamaged.
- Plant height and overall spread shall comply with the approved landscape schedule.

Installation

- Install centrally and vertically within the plastic pot.
- Provide suitable well-draining planting medium.
- Ensure adequate drainage from the container.
- Water thoroughly immediately following installation.

- Locate in an area receiving suitable indirect or filtered natural light.

Pot Requirements

- Pot shall be adequately sized for the supplied plant and root ball.
- Pot shall have sufficient drainage holes.
- Pots shall be structurally sound and free from cracks, deformation, or sharp edges.
- Color and finish shall be selected from the approved interior/landscape design.
- Provide matching saucer/drainage tray where required to prevent water damage to finished flooring.
- Pot shall be stable and sufficiently heavy/wide to prevent accidental tipping.

Where decorative pots are specified, the planting container may be installed inside the decorative plastic pot, provided adequate drainage and access for maintenance are maintained.

Growing Medium

Provide a lightweight, well-draining indoor planting medium suitable for tropical foliage plants and palms.

The medium shall:

- Provide adequate drainage and aeration.
- Retain sufficient moisture for healthy plant growth.
- Be free from pests, weeds, contaminants, and construction debris.
- Be suitable for prolonged indoor container planting.

Avoid using heavy clay soil or poorly draining garden soil inside indoor pots.

Installation

1. Verify plant and pot locations with the approved interior/landscape drawings.
2. Clean and prepare the designated area.
3. Confirm that finished flooring is protected from water leakage.
4. Place the plant in the plastic pot at the correct planting depth.
5. Fill voids with approved planting medium.
6. Firm the medium lightly around the root ball.
7. Clean leaves and remove damaged foliage.
8. Water thoroughly and allow excess water to drain.
9. Clean the pot exterior and surrounding floor after installation.
10. Ensure all plants are upright, stable, and aesthetically positioned.

Indoor Plant Maintenance

During the establishment and maintenance period, the Contractor shall provide:

- Regular watering based on plant requirements and indoor environmental conditions.
- Removal of dead, yellowing, or damaged leaves.
- Cleaning/dusting of foliage as necessary.
- Light pruning to maintain an attractive natural form.
- Pest and disease inspection and treatment.
- Fertilization using an approved indoor-plant fertilizer program.
- Rotation of plants where necessary to maintain balanced growth.
- Maintenance of soil moisture without overwatering.
- Cleaning of pots, saucers, and surrounding floor areas.

Water shall not be allowed to accumulate inside the decorative pot or overflow onto finished flooring.

ITEM 18 : PROJECT BILLBOARD

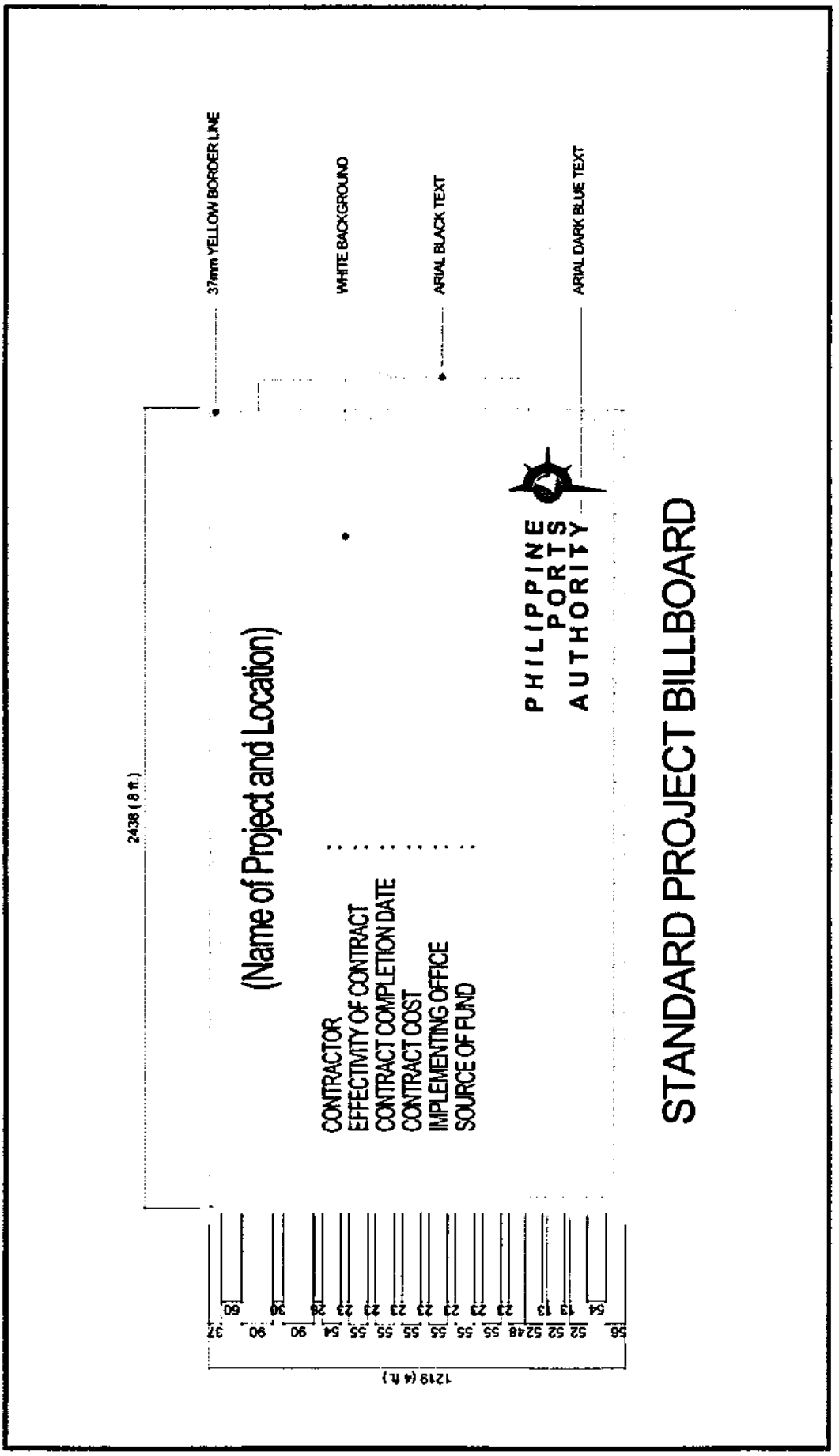
SPECIFICATION

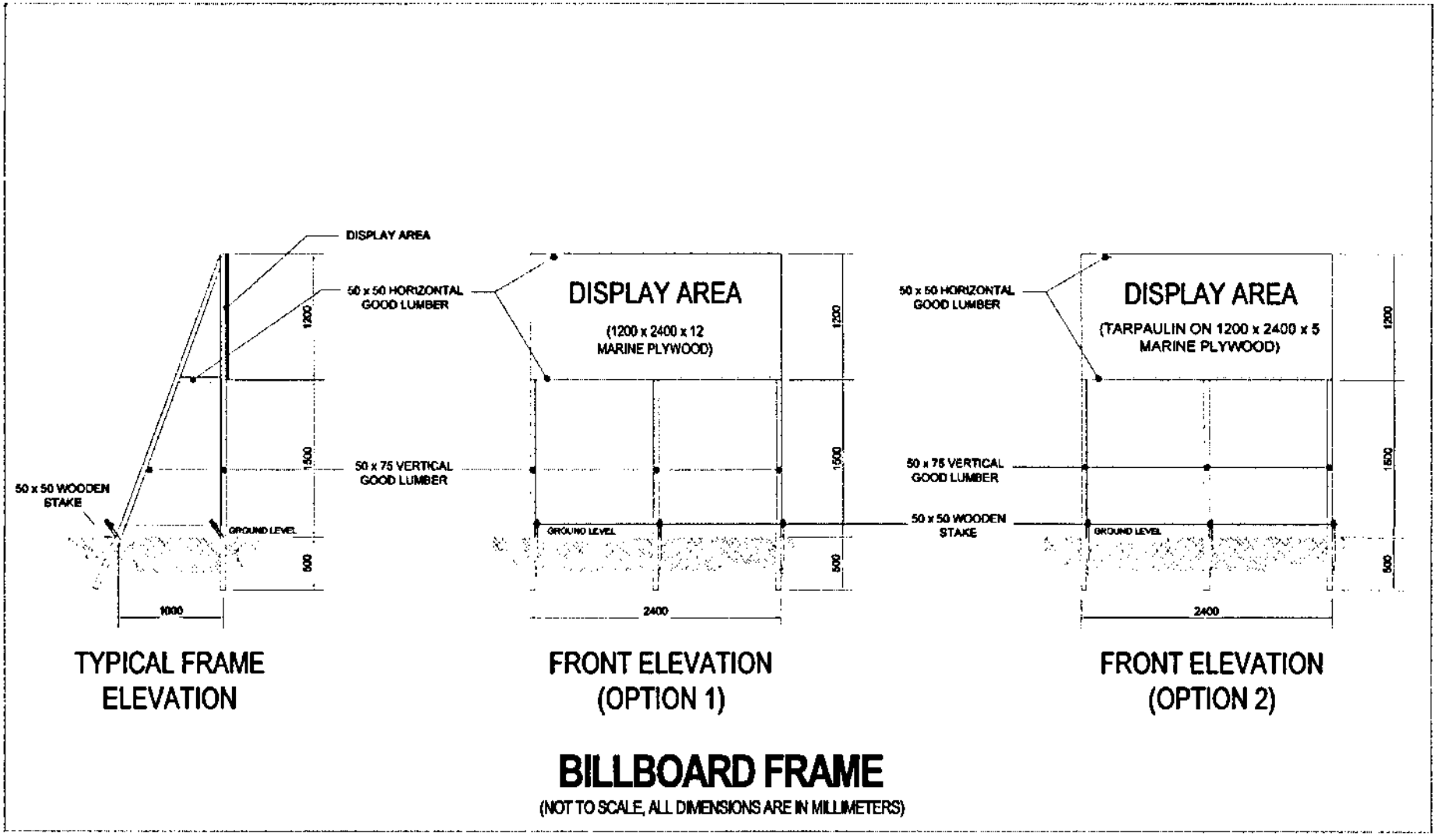
The Project Billboard shall be installed at location(s) designated by the Engineer.

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.


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



TYPICAL FRAME ELEVATION

FRONT ELEVATION (OPTION 1)

FRONT ELEVATION (OPTION 2)

BILLBOARD FRAME

(NOT TO SCALE, ALL DIMENSIONS ARE IN MILLIMETERS)

ITEM 19 : 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.

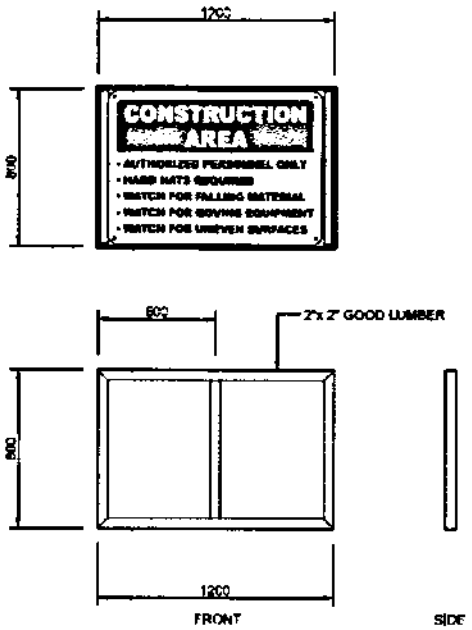
SPECIFICATION

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

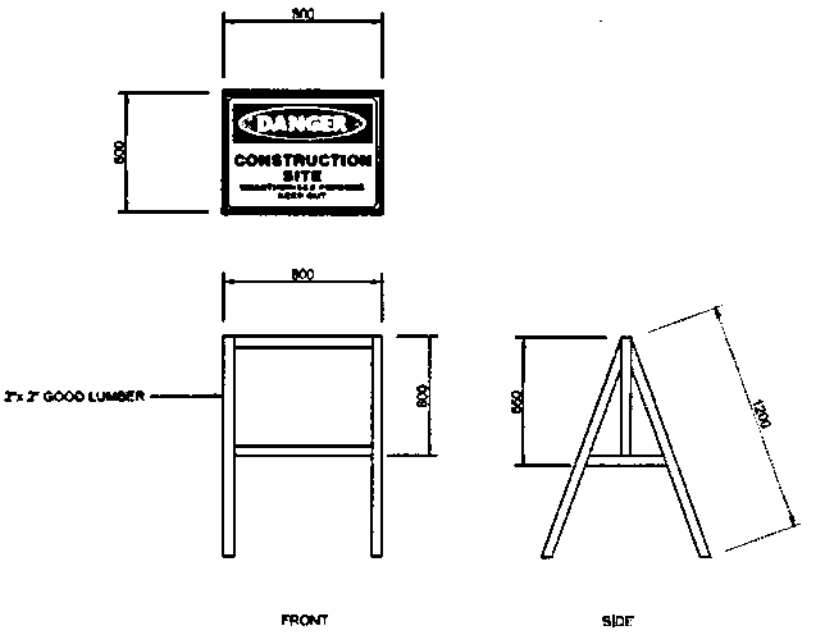
The sizes of the standard signages shall be 2-2/3ft x 4ft (800mm X 1,200mm) for fixed type and 2ft x 2–2/3ft (600mm x 800mm) for mobile type. For barricade standard 2ft x 2–2/3ft (600mm x 800mm) shall be provided.

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)

SECTION VII

DRAWINGS AND APPROVED PLANS
(SEE ISSUED APPROVED PLANS)

LIST OF DRAWINGS:

MARINE STRUCTURES

1 OF 13 - VICINITY MAP, DEVELOPMENT PLAN, GENERAL NOTES, LIST OF DRAWINGS

2 OF 13 - GENERAL PLAN

3 OF 13 - PILING PLAN, KEY PILING PLAN, DETAIL OF Z-TYPE HOT ROLLED STEEL SHEET PILES, DETAIL OF WALE SPLICE

4 OF 13 - STATION 0 + 000.00, STATION 0 + 001.00, STATION 0 + 010.00, STATION 0 + 020.00-A

5 OF 13 - STATION 0 + 020.00-B, STATION 0 + 030.00-A, STATION 0 + 030.00-B, STATION 0 + 040.00-A

6 OF 13 - STATION 0 + 040.00-B, STATION 0 + 050.00-A, STATION 0 + 050.00-B, STATION 0 + 060.00-A

7 OF 13 - STATION 0 + 060.00-B, STATION 0 + 070.00-A, STATION 0 + 070.00-B, STATION 0 + 080.00

8 Of 13 - STATION 0 + 090.00-A, STATION 0 + 090.00-B, STATION 0 + 100.00-A, STATION 0 + 100.00-B

9 Of 13 - STATION 0 + 110.00-A, STATION 0 + 110.00-B, STATION 0 + 120.00, STATION 0 + 130.00

10 Of 13 - DETAIL OF RETAINING WALLS, DETAIL OF ZOCALO WALL, TYPICAL PAVEMENT JOINT

11 Of 13 - DETAIL OF CATCH DRAIN MANHOLE, DETAIL OF LATERAL DRAINAGE, DETAIL OF DRAINAGE OUTFALL/BOX CULVERT, DETAIL OF CROSS DRAINAGE

12 Of 13 - PORT LIGHTING LAYOUT PLAN, GENERAL NOTES, LEGEND

13 Of 13 - INTEGRATED SOLAR LAMP POST, DETAIL OF SOLAR LAMP POST FOUNDATION, SPECIFICATION

BOARDWALK & LANDSCAPING

A 01 Of 05 - PERSPECTIVES, VICINITY MAP, TABLE OF CONTENTS

A 02 Of 05 - SITE DEVELOPMENT PLAN, BLOW-UP PLAN

A 03 Of 05 - SITE DEVELOPMENT BOARDWALK PLAN, WPC DECKING PLAN, WPC BLOW-UP SECTION, BOARDWALK SECTION - 01

A 04 Of 05 - TRENCH DRAIN DETAILS, PERIMETER FENCE WITH RAILING DETAILS, PERIMETER FENCE BLOW-UP SECTION, WAVE DEFLECTOR BLOW-UP SECTION

A 05 Of 05 - LANDSCAPE PLAN, OUTDOOR PLANTS – 01, OUTDOOR PLANTS – 02, INDOOR PLANTS

SECTION VIII

BILL OF QUANTITIES and ATTACHMENTS

SECTION VIII – BILL OF QUANTITIES

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	1b Bill of Quantities	1
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4.	Annex 3 (Minimum Equipment Requirements)	15
5.	Annex 4 (Construction Safety and Health Requirements)	16
6.	Annex 5 (Minimum Testing Requirements)	17

BID SUMMARY

JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT

Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte

NO.	DESCRIPTION OF WORK	AMOUNT (Pesos)
BILL NO. 1	GENERAL EXPENSES	
BILL NO. 2	REMOVAL, DISPOSAL AND EXCAVATION WORKS	
BILL NO. 3	CONSTRUCTION OF ACCESS ROAD	
BILL NO. 4	CONSTRUCTION OF BOARDWALK & LANDSCAPING	
	BID PRICE	

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

APPROVED BUDGET FOR THE CONTRACT

JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT

Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte

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.	14		
1.03	Maintain temporary site office and residence for the Engineer and staff	mo.	14		
1.04	Provide Construction Safety and Health Program in the execution of the project	mo.	14		
	TOTAL FOR BILL NO. 1				

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

APPROVED BUDGET FOR THE CONTRACT

JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT

Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**2 REMOVAL, DISPOSAL AND EXCAVATION WORKS**				
2.01	Clearing and grubbing of vegetation	sq.m.	3,182		
2.02	Subgrade preparation for access road construction	sq.m.	3,182		
2.03	Excavate and backfill existing fill materials for construction of retaining wall port lighting system and drainage system	cu.m.	6,702		
	TOTAL FOR BILL NO. 2				

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

APPROVED BUDGET FOR THE CONTRACT
JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT
Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	3 CONSTRUCTION OF ACCESS ROAD				
3.01	Supply and deliver to site Z-type steel sheet piles	m.t.	684		
3.02	Handle, pitch and drive steel sheet piles	l.m.	3,924		
3.03	Supply and install dowel bars for steel sheet piles	kg.	3,176		
3.04	Supply and install steel waling and splice plate for the steel sheet piles	kg.	13,484		
3.05	Supply and place 3,500 psi concrete for the retaining wall, zocalo wall, outfall, cross drain, rc curb and lamp post foundation	cu.m.	765		
3.06	Supply and install steel reinforcement for the retaining wall, zocalo wall, outfall, cross drain, rc curb and lamp post foundation	kg.	77,888		
3.07	Supply and place gravel bedding	cu.m.	11		
3.08	Supply and place rubble concrete	cu.m.	1,103		
3.09	Supply and place 50-100 kg. Core rocks	cu.m.	1,982		
3.10	Supply and place 500 kg. Armour rocks	cu.m.	692		
3.11	Supply and install Geotextile Fabric Filter	sq.m.	3,245		

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

APPROVED BUDGET FOR THE CONTRACT
JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT
Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.12	Supply and place Sand and Gravel fill	cu.m.	413		
3.13	Supply, spread and compact aggregate sub-base course	cu.m.	8,039		
3.14	Supply, spread and compact aggregate base course	cu.m.	1,263		
3.15	Construct portland cement concrete pavement (300mm thk) including dowel bars and construction joint	sq.m.	3,002		
3.16	Construct concrete pavement (150mm thk)	cu.m.	147		
3.17	Construct catch drain manhole including trench grate, built-up frames and other accessories	set	6		
3.18	Construct lateral drain including trench grate, built-up frames and other accessories	l.m.	14		
3.19	Supply deliver and install port lighting system including lamp post and other accessories	lot	1		
	TOTAL FOR BILL NO. 3				

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

APPROVED BUDGET FOR THE CONTRACT
JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT
Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**4 CONSTRUCTION OF BOARDWALK & LANDSCAPING**				
4.01	Chip-off portion of existing perimeter fence prior to construction of deflector wall	l.m.	45		
4.02	Supply and place 3,500 psi concrete for the deflector wall, and concrete mouldings	cu.m.	6		
4.03	Supply and install steel reinforcement for the wave deflector, and concrete mouldings	kg.	691		
4.04	Supply and place gravel bedding for open canal	cu.m.	3		
4.05	Construct open canal including trench grate, steel framing and other accessories	l.m.	57		
4.06	Supply, fabricate and install G.I. Pipe railings	l.m.	50		
4.07	Supply and place plain cement plaster finish	sq.m.	61		
4.08	Supply and apply elastomeric paint finish (2 coats)	sq.m.	133		
4.09	Supply and apply epoxy primer paint on metal surfaces (2 coats)	sq.m.	8		
4.10	Supply and apply quick drying enamel on metal surfaces (2 coats)	sq.m.	8		
4.11	Supply and install 22mm thk x 140mm W x 2900mm L WPC Decking including accessories	sq.m.	485		

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

APPROVED BUDGET FOR THE CONTRACT

JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT

Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
4.12	Supply, deliver, and installation of landscaping works including plants, garden soil, ordinary soil, pots, and all other necessary materials required for site preparation and planting	lot	1		
	TOTAL FOR BILL NO. 4				

Name of Bidder/Authorized Representaive
(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 Clearing and grubbing of vegetation

The quantity to be paid for shall be the actual area in square meter of vegetation to be cleared and grubbed 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 Subgrade Preparation for access road construction

The quantity to be paid for shall be the actual area in square meter of subgrade to be prepared for the access road construction 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 Excavate and backfill existing fill materials for construction of retaining wall, port lighting system and drainage system

The quantity to be paid for shall be the actual volume in cubic meter of existing fill materials to be excavated prior construction of retaining wall, port lighting system and drainage system then backfilled thereafter 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.

BILL NO. 3

CONSTRUCTION OF ACCESS ROAD

Item 3.01 Supply and deliver to site Z-Type steel sheet piles

The quantity to be paid for shall be the actual weight in metric ton of Z-type steel sheet piles to be supplied and delivered to site 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 steel sheet piles

The quantity to be paid for shall be the actual length in linear meter of steel sheet piles to be handled, pitched, and driven 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 3.03 Supply and install dowel bars for steel sheet piles

The quantity to be paid for shall be the actual weight in kilogram of dowel bars for steel sheet piles 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 3.04 Supply and install steel waling and splice plate for the steel sheet piles

The quantity to be paid for shall be the actual weight in kilogram of steel waling and splice plate for the steel sheet piles 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 3.05 Supply and place 3,500 psi concrete for the retaining wall, zocalo wall, outfall, cross drain, rc curb and lamp post foundation

The quantity to be paid for shall be the actual volume in cubic meter of 3,500 psi concrete to be supplied and set-in-place for the retaining wall, zocalo wall, outfall, cross drain, rc curb and lamp post foundation 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 and install steel reinforcements for the retaining wall, zocalo wall, outfall, cross drain, rc curb and lamp post foundation

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcements to be supplied and installed for the retaining wall, zocalo wall, outfall, cross drain, rc curb and lamp post foundation 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 and place gravel bedding

The quantity to be paid for shall be the actual volume in cubic meter of gravel bedding 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 3.08 Supply and place rubble concrete

The quantity to be paid for shall be the actual volume in cubic meter of rubble concrete 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 3.09 Supply and place 50-100 kg. core rocks

The quantity to be paid for shall be the actual volume in cubic meter of 50-100 kg. core rocks, supplied and set in place 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.

Item 3.10 Supply and place 500 kg. armour rocks

The quantity to be paid for shall be the actual volume in cubic meter of 500 kg armour rocks, supplied and set in place in accordance with the plans and specifications and accepted by the Engineer. Hydrographic/Topographic Surveys before and after placing of armour 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 3.11 Supply and install Geotextile Fabric Filter

The quantity to be paid for shall be the actual area in square meter of geotextile fabric filter, 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 3.12 Supply and place sand and gravel fill

The quantity to be paid for shall be the actual volume in cubic meter of sand and gravel fill, supplied and set-in-place in accordance with the plans and specifications and accepted by the Engineer. Hydrographic/Topographic Surveys before and after placing sand and gravel fill 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 3.13 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 3.14 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 3.15 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 joints, 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 3.16 Construct concrete pavement (150mm thick)

The quantity to be paid for shall be the actual volume in cubic meter of concrete pavement (150mm thick) 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 3.17 Construct catch drain manhole including trench grate, built-up frames and other accessories

The quantity to be paid for shall be the actual set of catch drain manhole to be constructed including trench grate, built-up frames, and other accessories 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 Construct lateral drain including trench grate, built-up frames and other accessories

The quantity to be paid for shall be the actual length in linear meter of lateral drain to be constructed including trench grate, built-up frames, and other accessories 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, deliver and install port lighting system including lamp post and other accessories

The quantity to be paid for shall be the actual lot of port lighting system including lamp post 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.

BILL NO. 4

CONSTRUCTION OF BOARDWALK & LANDSCAPING

Item 4.01 Chip-off portion of existing perimeter fence prior construction of deflector wall

The quantity to be paid for shall be the actual length in linear meter of portion of existing perimeter fence to be chipped off prior construction of deflector wall 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 4.02 **Supply and place 3,500 psi concrete for the deflector wall and concrete mouldings**

The quantity to be paid for shall be the actual volume in cubic meter of 3,500 psi concrete to be supplied and set-in-place for the deflector wall and concrete mouldings 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 4.03 **Supply and install steel reinforcement for the wave deflector, and concrete mouldings**

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement to be supplied and installed for the wave deflector and concrete mouldings 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 4.04 **Supply and place gravel bedding for open canal**

The quantity to be paid for shall be the actual volume in cubic meter of gravel bedding, supplied and set-in-place for open canal 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 4.05 **Construct open canal including trench grate, steel framing and other accessories**

The quantity to be paid for shall be the actual length in linear meter of open canal to be constructed including trench grate, steel framing and other accessories 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 4.06 **Supply, fabricate and install G.I Pipe railings**

The quantity to be paid for shall be the actual length in linear meter of G.I Pipe railings 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 4.07 **Supply and place plain cement plaster finish**

The quantity to be paid for shall be the actual area in square meter of plain 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 4.08 **Supply and apply elastomeric paint finish (2 coats)**

The quantity to be paid for shall be the actual area in square meter of elastomeric paint finish (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 4.09 Supply and apply epoxy primer paint on metal surfaces (2 coats)

The quantity to be paid for shall be the actual area in square meter of epoxy primer paint to be supplied and applied on metal surfaces (2 coats) 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 4.10 Supply and apply quick drying enamel on metal surfaces (2 coats)

The quantity to be paid for shall be the actual area in square meter of quick drying enamel to be supplied and applied on metal surfaces (2 coats) 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 4.11 Supply and Install 22mm thk x 140mm W x 2900mm L WPC Decking including accessories

The quantity to be paid for shall be the actual area in square meter of 22mm thk x 140mm W x 2900mm L WPC Decking 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 4.12 Supply, deliver, and installation of landscaping works including plants, garden soil, ordinary soil, pots and all other necessary materials required for site preparation and planting

The quantity to be paid for shall be the actual lot of landscaping works to be supplied, delivered, and installed including plants, garden soil, ordinary soil, pots, and all other necessary materials required for site preparation and planting 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

1	unit/s	Air Compressor (250 cfm, minimum), owned
1	unit/s	Backhoe (0.40 cu.m., 94.30hp, minimum), owned
1	unit/s	Bulldozer (140hp), owned/leased
1	unit/s	Clamshell, owned
1	unit/s	Concrete Cutter, owned
2	unit/s	Concrete Mixer (1 bagger, minimum), owned
1	unit/s	Concrete bucket, owned
2	unit/s	Concrete Screeder, owned
2	unit/s	Concrete Vibrator (3.5 hp, minimum), owned
1	unit/s	Crawler Crane (30T, minimum), owned/leased
1	unit/s	Crawler Crane (20T, minimum), owned
1	unit/s	Pile Hammer (Dsl, 7,500 kg.m. or Hydraulic equivalent), owned
1	unit/s	Drop Hammer (2T, minimum), owned
1	unit/s	Dump Truck (10T net capacity, minimum), owned
2	unit/s	Bar Bender (electric, 25mm dia min.), owned
2	unit/s	Bar Cutter (electric, 25mm dia min.), owned
1	unit/s	Jackhammer, owned
2	unit/s	Oxy/Acetylene cutting outfit, owned
1	unit/s	Payloader (110 hp, minimum), owned
1	unit/s	Plate Compactor (5 hp, minimum), owned
1	unit/s	Road Grader (125 hp, minimum), owned/leased
1	unit/s	Road Roller (10T, vibratory, minimum), owned/leased
2	unit/s	Transit Mixer (8.50 cu.m. cap., minimum), owned/leased
1	unit/s	Water Truck with pump (1,000 gal., minimum), owned
2	unit/s	Welding Machine (400 amp., minimum), owned
1	unit/s	Cargo Truck (2T capacity, min.), 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

51	pcs.	Hard Hats
51	pcs.	Gloves (rubberized)
51	pcs.	Safety Glasses/Goggles (clear)
102	pcs.	Long sleeve T-shirt
4	pcs.	Aprons
4	pc.	Safety Belts
51	pairs	Safety Shoes
4	pc.	Life Lines

Safety Devices

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

Medical and First Aid System - Fourteen (14) mos.

NOTE:

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

PPA MEMORANDUM CIRCULAR
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Attachment

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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 Accessones (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)

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

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

PPA MEMORANDUM CIRCULAR
No 02
Series of 2016
Attachment

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

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

BID RELATED FORMS

SECTION IX – BID RELATED FORMS

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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 Bid Bulletin Numbers _____, the receipt of which is hereby duly acknowledged, we, the undersigned, declare that:

a. I/We have no reservation to the PBD, including the Supplemental Bid Bulletins, for the Procurement Project: **Jubang (Cruise Ship) Port Improvement Project, Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte;**

b. I/We offer to execute the Works for this Contract in accordance with the PBD;

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

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

e. The total bid price in words and figures, after applying the applicable discount, 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 in the Detailed Estimates.

f. This Bid shall remain valid within a period stated in the PBD, and it shall be binding upon me/us at any time before the expiration of that period;

g. If our bid is accepted, I/we commit to enter to a contract and provide a performance security in the form, amounts, and within the times prescribed in the PBD, and hereby acknowledge the consequences under the IRR of RA No. 12009 on forfeiture of Bid Security or enforcement of Bid Securing Declaration and on Blacklisting;

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon the Bidder.

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

I/We certify/confirm that we comply with the eligibility requirements pursuant to the PBD.

The undersigned is authorized to submit the bid on behalf of **[Name of the Bidder]** as

evidenced by the attached *[State the Written Authority]*.

I/We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Duly authorized to sign the Bid for and behalf of:

[Insert Bidder's Name]

[Signature over Printed Name]
[Position/Designation]

[Date]

Contract Form

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

CONTRACT FOR [INSERT PROJECT TITLE]

THIS CONTRACT executed on the _____ day of _____ 20_____ between:

Philippine Ports Authority, a government agency of the Republic of the Philippines, hereinafter called "the Entity";

-and-

[Name of Contractor], Filipino of legal age or a company duly organized and existing under the laws of **[city and country]**, with principal office at **[name and address of Contractor]**, hereinafter called "the Contractor".

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly *[Brief description of Project]*;

WHEREAS, the Contractor submitted a responsive bid and was awarded the contract for the procurement in the total amount of **[contract price in words and figures in specified currency]**, hereinafter referred to as the "Contract Price."

NOW, THEREFORE, for and in consideration of the foregoing premises, the parties hereby agree as follows:

1) Unless otherwise stated, terms and expressions used in this Contract shall have the same meanings as those assigned to them in the Conditions of Contract, which form an integral part of this Contract.

2) The following documents as required by the Implementing Rules and Regulations of Republic Act No. 12009 shall be deemed to form and be read and construed as integral part of this Contract, *viz.*:

   a) Philippine Bidding Documents (PBD);

      i. Drawings/Plans;
      ii. Scope of Work;
      iii. Invitation to Bid;
      iv. Instructions to Bidders;
      v. Bid Data Sheet;
      vi. 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;
      vii. Bill of Quantities;
      viii. General and Special Conditions of Contract;
      ix. Supplemental Bid Bulletins, if any; and
      x. Other contract documents that may be required by existing laws and/or the Entity.

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

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 PBD, such as but not limited to the Notice to Proceed and Warranty Security.

3) In consideration of the Contract Price of **[total contract price in words and figures]**, or such other sums as may be determined in accordance with the terms of the Contract, the Supplier agrees to deliver and perform the items and related services for the **[Project Title]** described herein in accordance with the terms and conditions specified in the Contract and its annexed documents.

4) The **Philippine Ports Authority** agrees to pay the above-mentioned sum to the Supplier in accordance with the schedule and manner provided in the Bidding Documents and its annexes.

5) Any dispute, difference, or claim arising out of or relating to this Contract, including its existence, validity, interpretation, breach, or termination thereof, may be submitted to arbitration or other form of alternative dispute resolution in accordance with the applicable law, such as Republic Act (RA) No. 9285 (Alternative Dispute Resolution Act of 2004) or Executive Order No 1008, series 1985 (Construction Industry Arbitration Law).

IN WITNESS WHEREOF, the parties hereto have caused this Contract to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written

For the Procuring Entity Head of the Procuring Entity or Duly Authorized Representative	*For the Bidder* Duly authorized to sign the Contract for and behalf of *[Bidders Name]*:
[Signature over Printed Name][Position/Designation] *[Date]*	*[Signature over Printed Name]* *[Position/Designation]* *[Date]*
[Name and Signature] *Witness – Procuring Entity*	*[Name and Signature]* *Witness- Supplier*

ACKNOWLEDGMENT

BEFORE ME, A Notary Public for and in the _____, City/Province of _____, this _____ day of _____, 20_____, personally appeared the above-named persons who have satisfactorily proven to me their identity, through their identifying documents written below their names and signatures, that they are the same persons who executed and voluntarily signed the foregoing instrument consisting of ____ pages, including this page where this Acknowledgement is written, which they acknowledged before me as their free and voluntary act and deed.

WITNESS MY HAND AND SEAL this ___ day of *[month] [year]*.

NAME OF NOTARY PUBLIC
Notarial Commission No. _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. __, *[date issued], [place issued]*
IBP No. __, *[date issued], [place issued]*

Doc. No. _____
Page No. _____
Book No. _____
Series of _____

Omnibus Sworn Statement for Sole Proprietorship

[Note: The duly accomplished form shall be submitted with the Bid]

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

OMNIBUS SWORN STATEMENT

I, _____, of legal age, [Civil Status], [Nationality], and with residence 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 **Jubang (Cruise Ship) Port Improvement Project, Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte** of the **Philippine Ports Authority**, [insert "as supported by the attached duly notarized Special Power of Attorney" for authorized representative];

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;

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 **[Name of Bidder]** and its spouse are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;

7. It is understood that failure to faithfully disclose its relationship with the HoPE, members of the BAC, the TWG, and the BAC Secretariat, the head of the PMO or the end-user unit or implementing unit, and the project consultants of the Procuring Entity, or of the procurement agent by consanguinity or affinity up to the third civil degree, as well as its submission of beneficial ownership information containing false entries shall be subject to blacklisting under Section 100 of the IRR of RA No. 12009, without prejudice to criminal and civil liabilities under applicable laws, including their accessory penalties, if any.

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

9. **[Name of Bidder]** is aware of and has undertaken the following responsibilities as a Bidder:

a. Carefully examine all of the Bidding Documents;
b. Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
c. Made an estimate of the facilities available and needed for the contract to be bid, if any; and
d. Inquire or secure Supplemental Bid Bulletin(s) issued for the [Project Title].

10. *[**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.

11. In case advance payment was made or given to **[Name of Bidder]**, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability under existing laws.

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

Duly authorized to sign the Bid for and behalf of:

_____
[Bidder's Name]

[Affiant's Signature over Printed Name]
[Position/Designation]
[Date]

JURAT

SUBSCRIBED AND SWORN to before me this _____ day of *[month] [year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____.

WITNESS MY HAND AND SEAL this ___ day of *[month] [year]*.

NAME OF NOTARY PUBLIC
Notarial Commission No. _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. __, *[date issued], [place issued]*
IBP No. __, *[date issued], [place issued]*

Doc. No. _____
Page No. _____
Book No. _____
Series of _____.

Omnibus Sworn Statement for Partnership, Corporation, Cooperative, or Joint Venture

[Note: The duly accomplished form shall be submitted with the Bid]

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

OMNIBUS SWORN STATEMENT

I, _____, of legal age, [Civil Status], [Nationality], and with residence 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 **Jubang (Cruise Ship) Port Improvement Project, Port of Jubang (Cruise Ship Port), Dapa, Surigao Del Norte** of the **Philippine Ports Authority**, as supported by the attached duly notarized Special Power of Attorney, Board/Partnership Resolution, or Secretary's Certificate, 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;

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. Select one, delete the others:

    - *If partnership*: The partnership itself and the partners of [Name of Bidder] are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;

    - *If cooperative:* The cooperative itself and members of the board of directors, general manager, or chief executive officer of [Name of Bidder] are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;

    - *If corporation, or joint venture:* The corporation or joint venture itself, and officers,

directors, and controlling stockholders of [Name of Bidder] are not related by consanguinity or affinity up to the third civil degree to the Head of the Procuring Entity, Procurement Agent (if engaged), End-User or Implementing Unit, project consultants, head of the Project Management Office, or the members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat;

7. It is understood that failure to faithfully disclose its relationship with the HoPE, members of the BAC, the TWG, and the BAC Secretariat, the head of the PMO or the end-user unit or implementing unit, and the project consultants of the Procuring Entity, or of the procurement agent by consanguinity or affinity up to the third civil degree, as well as its submission of beneficial ownership information containing false entries shall be subject to blacklisting under Section 100 of the IRR of RA No. 12009, without prejudice to criminal and civil liabilities under applicable laws, including their accessory penalties, if any.

    - *In case of corporations:* **[Name of Bidder]** declares its beneficial ownership information consistent with its updated General Information Sheet or Beneficial Ownership Declaration Form or any other document duly submitted to the SEC and has maintained a valid and updated file therein in compliance with Sections 20.2.9.1, 81, and 82 of the IRR of Republic Act (RA) No. 12009.

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

9. **[Name of Bidder]** is aware of and has undertaken the following responsibilities as a Bidder:

    a. Carefully examine all of the Bidding Documents;
    b. Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
    c. Made an estimate of the facilities available and needed for the contract to be bid, if any; and
    d. Inquire or secure Supplemental Bid Bulletin(s) issued for the [Project Title].

10. **[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.

11. In case advance payment was made or given to **[Name of Bidder]**, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability under existing laws.

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

Duly authorized to sign the Bid for and behalf of:

[Insert Bidder's Name]

[Affiant's Signature over Printed Name]
[Position/Designation]
[Date]

JURAT

SUBSCRIBED AND SWORN to before me this _____ day of *[month] [year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____.

WITNESS MY HAND AND SEAL this ___ day of *[month] [year]*.

NAME OF NOTARY PUBLIC
Notarial Commission No. _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. __, *[date issued], [place issued]*
IBP No. __, *[date issued], [place issued]*

Doc. No. _____
Page No. _____
Book No. _____
Series of _____.

Bid Securing Declaration Form

[The duly accomplished form shall be submitted with the Bid if bidder opts to provide this type 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 shall enter into contract with the Procuring Entity and furnish the required performance security within ten (10) calendar days as indicated in the Bidding Documents, from receipt of the Notice of Award;

   b. I/we will be automatically disqualified from bidding for any procurement contract with any Procuring Entity upon receipt of your Blacklisting Order; and

   c. I/We will pay the applicable fine 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 52.2 (a), 63.2, 69.1 and 100, except 100.3 (c), of the IRR of RA No. 12009; without prejudice to other legal action the government may undertake;

	Applicable Fine
a) in the case of a single bidder	i) two percent (2%) of the Approved Budget for the Contract (ABC); or ii) the difference between the evaluated bid price and the ABC whichever is higher
b) in the case of multiple bidders	i) two percent (2%) of the ABC; or ii) the difference between the evaluated bid prices with the bidder with Lowest Calculated/Highest Rated Bid and the bidder with the next Lowest Calculated/Highest Rated Bid,

	and so on whichever is higher
c) in case of violations committed prior to the opening of the financial envelope	i) a fixed amount of two percent of the ABC,

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]*.

Duly authorized to sign the Bid for and behalf of:

[Insert Bidder's Name]

[Signature over Printed Name]
[Position/Designation]
[Date]

JURAT

SUBSCRIBED AND SWORN to before me this _____ day of *[month] [year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____.

WITNESS MY HAND AND SEAL this ___ day of *[month] [year]*.

NAME OF NOTARY PUBLIC
Notarial Commission No. _____
Notary Public for _____ until _____
Roll of Attorneys No. _____
PTR No. __, *[date issued], [place issued]*
IBP No. __, *[date issued], [place issued]*

Doc. No. _____
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Book No. _____
Series of _____

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 price s 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 other than the Contractor 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 2026

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

Work Description 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.	1,962						
2. Reinforced Concrete Works	cu.m.	386						
3. Rockworks (50 to 500 kg/pc.)	cu.m.	1,337						
4. Placing of fill materials	cu.m.	4,226						

NOTE:
1] 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 project owner other than the Contractor 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 2026

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 procurement project 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 "_"
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 on Construction Occupational Safety and Health Training 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
Foreman - Five (5) years
Construction Safety and Health Officer – One (1) year
Materials Engineer – One (1) year
Materials Engineer I – for projects costing up to 100M
Materials Engineer II – for projects costing more than 100M

Name of Firm

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

Date

Revised: September 2026

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), Ton. (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/Lease 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, Cargo 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 purchase agreement, submit the following:

For equipment under lease agreement:

a. certification of availability of equipment from the equipment lessor for the duration of the project
b. duly Notarized copy of lease contract
c. For Water Truck, Dump Truck, Cargo Truck and Transit Mixer submit LTO Certificate of Registration and valid Official Receipt

For equipment under purchase agreement:

a. certification of availability of equipment from the equipment vendor
b. duly Notarized copy of purchase agreement
c. For Water Truck, Dump Truck and Transit Mixer submit LTO Certificate of Registration and valid Official Receipt or copy of conduction sticker, whichever is applicable.

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 lease 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: April 2025

CONSTRUCTION METHODOLOGY

Name of Project : _____

Project Description : _____

Location : _____

MINIMUM SCOPE OF CONSTRUCTION METHODOLOGY

A. REMOVAL, DISPOSAL AND EXCAVATION WORKS

1. Clearing and grubbing of vegetation
2. Subgrade Preparation
3. Excavation of Existing fill materials

B. CONSTRUCTION OF ACCESS ROAD

1. Supply & driving of Z-Type Steel sheet pile
2. Supply & installation of dowel bars for Steel sheet piles
3. Supply & installation of steel waling and splice plate
4. Supply & placing of 3,500 psi concrete
5. Supply & installation of reinforcing steel bars
6. Supply & placing of gravel bedding
7. Supply & place rubble concrete
8. Supply & placing of 50 to 500 kg.rocks
9. Supply and installation of geotextile fabric
10. Supply & placing of fill materials
11. Supply & placing of aggregate base course
12. Construction of PCC Pavement
13. Construct catch drain manhole including trench grate, built-up frames and other accessories
14. Construct lateral drain including trench grate, built-up frames and other accessories
15. Supply & installation of Port Lighting System

C. CONSTRUCTION OF BOARDWALK & LANDSCAPING

1. Chipping of existing perimeter fence
2. Supply & placing of 3,500 psi concrete
3. Supply & installation of reinforcing steel bars
4. Supply & placing of gravel bedding
5. Construct open canal including trench grate, steel framing and other accessories
6. Construct GI pipe railings
7. Supply & placing of cement plaster finish
8. Supply & apply paint finish
9. Supply & installation of WPC decking
10. Supply, delivery & installation of landscaping works complete with garden soil, ordinary soil, pots, various plants, and all other materials required for site preparation and planting

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
Project Manager														
Project Engineer														
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

_____
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

H.O. - BIDS AND AWARDS COMMITTEE - EP

CHECKLIST OF BIDDING DOCUMENTS

JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT, PORT OF JUBANG (CRUISE SHIP PORT), DAPA, SURIGAO DEL NORTE

ABC - Php 217,741,862.51

	REQUIREMENTS
I.	**TECHNICAL COMPONENT ENVELOPE (1 orig. and 6 copies)**
	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;
	a. Experience Record on Similarly Completed Projects
	1. Pile Driving Works (1,962 l.m.)
	2. Reinforced Concrete Works (386 cu.m.)
	3. Rockworks (50-500 kg/pc. (1,337 cu.m.)
	4. Placing of fill materials (4,226 cu.m.)
	(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 to be assigned to the contract to be bid, with their complete qualification and experience data:
	Project Manager
	Project Engineer
	Materials Engineer II
	Construction Safety and Health Officer
	Foreman
	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:
	1 unit Air compressor (250 cfm, min), owned
	1 unit Backhoe (0.40 cu.m., 94.30hp, min), owned
	1 unit Bulldozer (140 hp), owned/leased
	1 unit Clamshell, owned
	1 unit Concrete cutter, owned
	2 units Concrete Mixer (1 bagger, minimum), owned
	1 unit Concrete bucket, owned
	2 units Concrete screeder, owned
	2 units Concrete Vibrator (3.5 hp, minimum), owned
	1 unit Crawler Crane (30T, min), owned/leased
	1 unit Crawler Crane (20T, min), owned
	1 unit Pile Hammer (Diesel, 7,500 kg.m., or hydraulic equivalent), owned
	1 unit Drop Hammer (2T, min.), owned
	1 unit Dump truck (10T net capacity., min.), owned
	2 units Bar Bender (electric, 25mm dia., minimum), owned
	2 units Bar Cutter (electric, 25mm dia., minimum), owned
	1 unit Jackhammer, owned
	2 units Oxy/Acetylene Cutting Outfit, owned
	1 unit Payloader (110 hp, min.), owned
	1 unit Plate compector (5 hp, min.), owned
	1 unit Road Grader (125 hp, min.), owned/leased
	1 unit Road Roller (10T, vibratory, min.), owned/leased
	2 units Transit Mixer (8.50 cu.m. cap., min.), owned/leased
	1 unit Water truck with pump (1,000 gal., minimum), owned
	2 units Welding Machine (400 amp., min.), owned
	1 unit Cargo Truck (2T cap., min.), owned

H.O. - BIDS AND AWARDS COMMITTEE - EP

CHECKLIST OF BIDDING DOCUMENTS

JUBANG (CRUISE SHIP) PORT IMPROVEMENT PROJECT, PORT OF JUBANG (CRUISE SHIP PORT), DAPA, SURIGAO DEL NORTE

ABC - Php 217,741,862.81

	REQUIREMENTS
	(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 Orginal 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 which
	R.A. No.4566 and its IRR in case the joint venture is already in existence;
	or
	duly notarized statement 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. 12009
	(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 rate, and
	equipment rentals used in coming up with the bid; and
	(m) Cash Flow by Quarter.