BILL OF QUANTITIES
JASAAN PORT EXPANSION PROJECT
Port of Jasaan, Misamis Oriental

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
8.37	Supply and install C3: 12mm thk. Moisture Resistant Gypsum board painted on 0.40mm thk. Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod)	sq.m.	34		
8.38	Supply and install stainless steel materials, buffed finish of various sizes including accessories and Aluminum tubular vertical louvers	lot	1		
8.39	Supply and install fabricated 1.5 mm thk. Aluminum Framed Doors and Windows including glass and accessories	lot	1		
8.40	Supply and install fabricated Marine Plywood Finish Flush Doors, door jambs, hinges and locksets	lot	1		
8.41	Supply and install fabricated PVC Doors, door jambs, hinges and locksets	set	1		
8.42	Supply and install fabricated aluminum louver doors and windows	set	2		
8.43	Supply, fabricate and install Phenolic anti-bacterial water proof Toilet partition 12mm thk, including stainless hinges, lock indicators, bottom support door knobs and coat hooks	set	1		
8.44	Supply and install pantry and toilet fixtures	lot	1		
8.45	Supply and install water line pipes and fittings	lot	1		
8.46	Supply and install sewerage pipes and fittings including accessories.	lot	1		
8.47	Supply and install drainage pipes and fittings including accessories	lot	1		

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

BILL OF QUANTITIES
JASAAN PORT EXPANSION PROJECT
Port of Jasaan, Misamis Oriental

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
8.48	Supply, deliver and install wires and cables of various sizes	lot	1		
8.49	Supply, deliver and install conduit pipe including fittings of various sizes	lot	1		
8.50	Supply, deliver and install wiring devices	lot	1		
8.51	Supply, deliver and install protective devices	lot	1		
8.52	Supply, deliver and install lighting fixtures	lot	1		
8.53	Supply, deliver and install lightning protection and accessories	lot	1		
8.54	Supply, deliver and install auxiliary system:				
	a) Community Antenna Television (CATV)	lot	1		
	b) Background Music / Paging Alarm (BGM/PA)	lot	1		
	c) Fire Detection Alarm System (FDAS)	lot	1		
	d) Telephone System	lot	1		
8.55	Supply, deliver and install airconditioning unit	lot	1		
8.56	Supply, delivery and installation of fire extinguishers	lot	1		
8.57	Supply and deliver office furnitures including gang chairs, and other accessories	lot	1		
8.58	Supply and install PPA Logo including accessories	no.	1		

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BILL OF QUANTITIES
JASAAN PORT EXPANSION PROJECT
Port of Jasaan, Misamis Oriental

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
8.59	Supply, deliver and install distribution transformer including accessories, metering, bill deposit and other incidental expenses	lot	1		
8.60	Supply, deliver and install 29.76 kwp Grid-Tied Solar power including net-metering application and other incidental expenses	lot	1		
	TOTAL FOR BILL NO. 8				-

Name of Bidder/ Authorized Representative
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BILL OF QUANTITIES
JASAAN PORT EXPANSION PROJECT
Port of Jasaan, Misamis Oriental

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	9 CONSTRUCTION OF COVERED WALKWAY				
9.01	Excavation and backfilling works for building foundations at covered walkway	cu.m.	124		
9.02	Subgrade Preparation	sq.m.	149		
9.03	Supply, place and compact gravel bedding for covered walkway	cu.m.	19		
9.04	Supply amd place 4,000 psi concrete for covered walkway including non-shrink grout	cu.m.	47		
9.05	Supply and install reinforcement for covered walkway				
	a. Grade 40	kg.	1,665		
	b. Grade 60	kg.	2,970		
9.06	Supply, fabricate and install structural steel materials including accessories	kg.	19,094		
9.07	Supply and apply epoxy primer (1 coat) and quick drying enamel (2 coats) for covered walkway	sq.m.	395		
9.08	Construct catch basin including accessories	no.	16		
9.09	Supply and install drainage pipes and fittings including accessories	lot	1		
9.10	Supply and install pre-insulated panels pre-painted Hi-Rib main roofing-single metal (Rib tpe, 0.60mm PPGL) with UPI board and other roofing accessories for covered walkway	sq.m.	184		
9.11	Covered walkway electrical system including reinforced concrete for Ductbank, Handhole, and Pedestal Post	lot	1		
	TOTAL FOR BILL NO. 9				-

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

BILL OF QUANTITIES
JASAAN PORT EXPANSION PROJECT
Port of Jasaan, Misamis Oriental

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	10 CONSTRUCTION OF GATE COMPLEX 1 AND 2, AND GUARD HOUSE				
10.01	Excavation and backfilling works for building foundations, electrical system and plumbing system	cu.m.	89		
10.02	Subgrade preparation	sq.m.	90		
10.03	Supply and apply soil treatment	sq.m.	10		
10.04	Supply, spread and compact aggregate sub-base course	cu.m.	2		
10.05	Supply, place and compact gravel bedding	cu.m.	5		
10.06	Supply and place 4,000 psi concrete for building structure	cu.m.	61		
10.07	Supply and install steel reinforcement for building structure				
	a. Grade 40	kg.	4,121		
	b. Grade 60	kg.	6,900		
10.08	Supply, fabricate and install gates 1 and 2 including accessories and application of epoxy primer paint (1 coat) and quick dry enamel paint (2 coat)	lot	1		
10.09	Construct 4,000 psi concrete slab on grade including reinforcements	sq.m.	10		
10.10	Construct 150 mm thick CHB wall including steel reinforcements	sq.m.	39		
10.11	Construct septic vault including fittings and accessories	no.	1		

Name of Bidder/ Authorized Representative
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BILL OF QUANTITIES
JASAAN PORT EXPANSION PROJECT
Port of Jasaan, Misamis Oriental

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
10.12	Construct catch basin including accessories	no.	6		
10.13	Supply and place 13mm thk. cement plaster	sq.m.	47		
10.14	Supply and place elastomeric paint (2 coats)	sq.m.	47		
10.15	Supply and place flat latex paint (2 coats)	sq.m.	7		
10.16	Supply and place quick-drying enamel (2 coats)	sq.m.	7		
10.17	Supply and place waterproofing	sq.m.	76		
10.18	Supply and install 4mm thk. Aluminum composite panels	sq.m.	112		
10.19	Supply and install PVC ceiling	sq.m.	82		
10.20	Supply and install 12mm thk. Gypsum board painted on 0.40mm thk. Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod)	sq.m.	7		
10.21	Supply and install 600mm x 600mm unglazed ceramic tiles	sq.m.	7		
10.22	Supply and install glazed ceramic wall tiles	sq.m.	6		
10.23	Supply and install fabricated Marine Plywood Finish Flush Doors, door jambs, hinges and locksets	no.	2		
10.24	Supply and install PVC Door with vent louver, door jamb, hinges and accessories	no.	1		

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

BILL OF QUANTITIES
JASAAN PORT EXPANSION PROJECT
Port of Jasaan, Misamis Oriental

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
10.25	Supply and install fabricated 1.5 mm thk. Aluminum Framed Windows including glass and accessories	lot	1		
10.26	Supply and install electrical system for gate complex 1	lot	1		
10.27	Supply and install electrical system for gate complex 2	lot	1		
10.28	Supply and install electrical system for guard house	lot	1		
10.29	Supply and install toilet fixtures	lot	1		
10.30	Supply and install water line pipes and fittings	lot	1		
10.31	Supply and install sewerage pipes and fittings including accessories.	lot	1		
10.32	Supply and install drainage pipes and fittings including accessories	lot	1		
10.33	Supply and deliver office furnitures	lot	1		
10.34	Supply and install PPA Logo including accessories	lot	1		
10.35	Supply and install decorative stone wall cladding	sq.m.	17		
	TOTAL FOR BILL NO. 10				-

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

BASIS OF PAYMENT FOR WORK ITEMS INCLUDED IN THE PROPOSAL

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

BILL NO. 1

GENERAL EXPENSES

Item 1.01 Mobilization, demobilization, and cleaning

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

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

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

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

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

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

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

BILL NO. 2

REMOVAL AND DEMOLITION WORKS

Item 2.01 **Demolish and dispose existing building structure**

The quantity to be paid for shall be the actual area in square meter of existing building structure to be demolished and disposed including turning over of materials with value to the authority in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.02 **Demolish and dispose existing PCCP**

The quantity to be paid for shall be the actual area in square meter of existing PCCP to be demolished and disposed of 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 **Demolish and dispose existing riprap**

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

Item 2.04 **Chip existing RC curb, flushed to deck level and smoothened with mortar**

The quantity to be paid for shall be the actual length in linear meter of existing RC curb to be chipped, flushed to deck level and smoothened with mortar in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.05 **Remove existing 35T mooring bollard and mooring bitts and turn over to the authority as directed by the Engineer**

The quantity to be paid for shall be the actual number of existing 35T mooring bollard and mooring bitts to be removed, including turnover to the authority as directed by the Engineer 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 2.06 **Remove existing V-type fenders and truck tire fenders and turn over to the authority as directed by the Engineer**

The quantity to be paid for shall be the actual number of existing V-type fenders and truck tire fenders to be removed, including turnover to the authority as directed by the Engineer 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 2.07 Demolish and dispose existing temporary steel fence

The quantity to be paid for shall be the actual length in linear meter of existing temporary steel fence to be demolished and disposed of 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 2.08 Demolish and dispose existing CHB fence

The quantity to be paid for shall be the actual length in linear meter of existing CHB fence to be demolished and disposed of 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 2.09 Remove existing gate and turn over to the authority as directed by the Engineer

The quantity to be paid for shall be the actual length in linear meter of existing gate to be removed, including turnover to the authority as directed by the Engineer 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 2.10 Remove existing solar lamp posts and turn over to the authority as directed by the Engineer

The quantity to be paid for shall be the actual number of existing solar lamp posts to be removed, including turnover to the authority as directed by the Engineer 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 2.11 Remove existing twin floodlight lamp posts and turn over to the authority as directed by the Engineer

The quantity to be paid for shall be the actual number of existing twin floodlight lamp posts to be removed, including turnover to the authority as directed by the Engineer 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 2.12 Extract portion of existing bulkhead

The quantity to be paid for shall be the actual volume in cubic meter of portion of existing bulkhead to be extracted 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 2.13 Excavation of existing seabed

The quantity to be paid for shall be the actual volume in cubic meter of existing seabed to be excavated 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 2.14 Excavation of existing fill materials

The quantity to be paid for shall be the actual volume in cubic meter of existing fill materials to be excavated 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
ACCESS ROAD (173.58m X 9.00m)

Item 3.01 **Supply and place 3,500 psi. concrete for R.C. curb, retaining wall, culvert, stair landing, outfall, lamp post foundation and floodlight 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 R.C. curb, retaining wall, culvert, stair landing, outfall, lamp post foundation and floodlight 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 3.02 **Supply and install steel reinforcements for R.C. curb, retaining wall, culvert, stairs, outfall, lamp post foundation and floodlight foundation**

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcements to be supplied and installed for R.C. curb, retaining wall, culvert, stairs, outfall, lamp post foundation and floodlight foundation, in accordance with the plans and specifications and accepted by the Engineers. 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 place gravel bedding**

The quantity to be paid for shall be the actual volume in cubic meter of gravel bedding to be supplied and placed 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 place 50-100 kg./pc. core rocks**

The quantity to be paid for shall be the actual volume in cubic meter of 50-100 kg./pc. 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 3.05 **Supply and place 1000 kg./pc. armour rocks**

The quantity to be paid for shall be the actual volume in cubic meter of 1000 kg./pc. 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 3.06 Supply and Install geotextile fabric

The quantity to be paid for shall be the actual area in square meter of geotextile fabric, 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 3.07 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 of 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 3.08 Supply, spread and compact aggregate sub-base course

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

Item 3.09 Supply, 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 3.10 Construct Portland cement concrete pavement (300mm thick) including dowel bars and construction joint

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

Item 3.11 Construct catch drain manhole

The quantity to be paid for shall be the actual set of catch drain manhole 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 3.12 Supply and Install High Density Polyethylene Pipe, 600mm dia.

The quantity to be paid for shall be the actual length in linear meter of High Density Polyethylene Pipe, 600mm dia. 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 3.13 Supply and install High Density Polyethylene Pipe, 900mm dia.

The quantity to be paid for shall be the actual length in linear meter of High Density Polyethylene Pipe, 900mm dia. 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 3.14 Supply and deliver to site mooring cleat (15 Tons) including accessories

The quantity to be paid for shall be the actual set of mooring cleat (15 Tons) including accessories 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 3.15 Install mooring cleats and accessories

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

Item 3.16 Construct security fence including painting and accessories

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

Item 3.17 Reinstallation of existing lamp posts including provision of necessary stainless steel anchor bolts, nuts and other incidentals

The quantity to be paid for shall be the set of existing lamp posts to be reinstalled including provision of necessary stainless steel anchor bolts, nuts and other incidentals 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
PORT OPERATIONAL AREA

Item 4.01 **Supply and deliver to site Z-Type steel sheet piles including steel corner piles/ connectors**

The quantity to be paid for shall be the actual weight in metric ton of Z-Type steel sheet piles including steel corner piles/ connectors 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 4.02 **Supply and apply high-build epoxy protective coating for steel sheet piles (Abrasion Resistant Modified Epoxy With ≥85% Volume Solid, Min. Dry Film Thickness = 800 Microns)**

The quantity to be paid for shall be the actual area in square meter of steel sheet piles surfaces, supplied and applied with high-build epoxy protective coating (Abrasion Resistant Modified Epoxy With ≥85% Volume Solid, Min. Dry Film Thickness = 800 Microns) 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 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 4.04 **Handle, pitch and drive Z-type sheet piles and corner piles**

The quantity to be paid for shall be the actual length in linear meter Z-type sheet piles and corner 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 4.05 **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 4.06 **Supply and install tie-rod including accessories**
a.) 44mm Ø x 16.00m

The quantity to be paid for shall be the actual set of tie-rod (44mm Ø x 16.00m) 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 4.07 Supply and place 3,500 psi. concrete for R.C. curb, retaining wall, curtain wall and anchor wall

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 R.C. curb, retaining wall, curtain wall and anchor 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 4.08 Supply and install steel reinforcements for R.C. curb, retaining wall, curtain wall and anchor wall

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcements to be supplied and installed for R.C. curb, retaining wall, curtain wall and anchor wall, in accordance with the plans and specifications and accepted by the Engineers. 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 place 50-100 kg./pc. core rocks

The quantity to be paid for shall be the actual volume in cubic meter of 50-100 kg./pc. 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 4.10 Supply and place 1000 kg./pc. armour rocks (2-layers)

The quantity to be paid for shall be the actual volume in cubic meter of 1000 kg./pc. armour rocks (2-layers), 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 4.11 Supply and install geotextile fabric

The quantity to be paid for shall be the actual area in square meter of geotextile fabric, 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 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 of 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 4.13 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 4.14 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 4.15 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 placed 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 4.16 Construct Portland cement concrete pavement (300mm thick) including dowel bars and construction joint

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

Item 4.17 Construct security fence including accessories

The quantity to be paid for shall be the actual length in linear meter of security fence 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 4.18 Supply and install hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars

The quantity to be paid for shall be the actual length in linear meter of hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars 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 4.19 Construct port lighting system including supply, delivery and installation of 10m Floodlights and High Must Tower and other incidentals

The quantity to be paid for shall be the actual lot of works required in the construction of port lighting system including the supply, delivery and installation of 10m Floodlights and High Must Tower and other incidentals, all 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 4.20 Supply and deliver to site 450mm x 450mm vertical PSC piles for High Mast Tower foundation

The quantity to be paid for shall be the actual length in linear meter of 450mm x 450mm vertical PSC piles for High Mast Tower foundation 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 4.21 Handle, pitch and drive 450m x 450mm Vertical PSC piles for High Mast Tower foundation

The quantity to be paid for shall be the actual length in linear meter of 450m x 450mm Vertical PSC piles for High Mast Tower foundation 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 4.22 Cut/chip and dispose newly driven PSC pile up to required elevation

The quantity to be paid for shall be the actual number of newly driven PSC pile to be cut/chipped up to required elevation, including proper disposal of debris 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. 5
RC WHARF (SEGMENT 1)

Item 5.01 **Supply, deliver and drive Test Pile, Ø 550mm x 39m steel pipe piles (13mm thick, A252 Grade 2) including splicing thereof**

The quantity to be paid for shall be the actual number of Test Pile, Ø 550mm x 39m steel pipe piles (13mm thick, A252 Grade 2), including splicing thereof to be supplied, delivered, 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 5.02 **Supply and deliver to site Ø 550mm steel pipe piles (13mm thick, A252 Grade 2)**

The quantity to be paid for shall be the actual weight in metric ton of Ø 550mm steel pipe piles (13mm thick, A252 Grade 2) 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 5.03 **Handle, pitch and drive Ø 550mm vertical steel pipe piles**

The quantity to be paid for shall be the actual length in linear meter of Ø 550mm vertical steel pipe 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 5.04 **Handle, pitch and drive Ø 550mm batter steel pipe piles**

The quantity to be paid for shall be the actual length in linear meter of Ø 550mm batter steel pipe 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 5.05 **Supply and install reinforcing cylindrical band plate at the tip of steel pipe piles**

The quantity to be paid for shall be the actual weight in kg of reinforcing cylindrical band plate at the tip of steel pipe 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 5.06 **Splice Ø 550mm steel pipe piles**

The quantity to be paid for shall be the actual number of Ø 550mm steel pipe piles to be spliced 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 5.07 **Extraction of clogged materials inside the steel pipe piles**

The quantity to be paid for shall be the actual volume in cubic meter of clogged materials inside the steel pipe piles to be extracted 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 5.08 Supply and place 3,500 psi concrete filler for steel pipe piles

The quantity to be paid for shall be the actual volume in cubic meter of 3,500 psi concrete filler for steel pipe piles 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 5.09 Supply and install steel cage bar for steel pipe piles

The quantity to be paid for shall be the actual weight in kilogram of steel cage bar for steel pipe 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 5.10 Application of polyurethane-base external coating for steel pipe piles (Polyurethane @ 1,500 microns dry film thickness or equivalent)

The quantity to be paid for shall be the actual area in square meter of steel pipe piles surfaces applied with polyurethane-base external coating (Polyurethane @ 1,500 microns dry film thickness or equivalent) 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 5.11 Cutting of driven steel piles to required elevation and turn-over of excess materials to authority

The quantity to be paid for shall be the actual number of driven steel piles to be cut up to required elevation, including turnover of excess materials to the authority in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 5.12 Supply and place 3,500 psi. concrete for RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb

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 RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb, 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 5.13 Supply and install steel reinforcement for RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement to be supplied and installed for RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb, in accordance with the plans and specifications and accepted by the Engineers. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 5.14 Supply and install hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars

The quantity to be paid for shall be the actual length in linear meter of hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars 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 5.15 Supply and deliver to site rubber dock fender (V-type, 500H x 1500L) including accessories

The quantity to be paid for shall be the actual set of rubber dock fender (V-type, 500H x 1500L) including accessories 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 5.16 Install rubber dock fender including accessories

The quantity to be paid for shall be the actual set of rubber dock fender including accessories to be 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 5.17 Supply and deliver to site mooring bollard, 35-Ton, Tee-head including accessories

The quantity to be paid for shall be the actual set of mooring bollard, 35-Ton, Tee-head including accessories 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 5.18 Install mooring bollard including accessories

The quantity to be paid for shall be the actual set of mooring bollard including accessories to be 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. 6
RC WHARF WITH RORO RAMP (SEGMENT 2)

Item 6.01 **Supply, deliver and drive Test Pile, Ø 550mm x 39m steel pipe piles (13mm thick, A252 Grade 2) including splicing thereof**

The quantity to be paid for shall be the actual number of Test Pile, Ø 550mm x 39m steel pipe piles (13mm thick, A252 Grade 2), including splicing thereof to be supplied, delivered, 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 6.02 **Supply and deliver to site Ø 550mm steel pipe piles (13mm thick, A252 Grade 2)**

The quantity to be paid for shall be the actual weight in metric ton of Ø 550mm steel pipe piles (13mm thick, A252 Grade 2) 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 6.03 **Handle, pitch and drive Ø 550mm vertical steel pipe piles**

The quantity to be paid for shall be the actual length in linear meter of Ø 550mm vertical steel pipe 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 6.04 **Handle, pitch and drive Ø 550mm batter steel pipe piles**

The quantity to be paid for shall be the actual length in linear meter of Ø 550mm batter steel pipe 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 6.05 **Supply and install reinforcing cylindrical band plate at the tip of steel pipe piles**

The quantity to be paid for shall be the actual weight in kg of reinforcing cylindrical band plate at the tip of steel pipe 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 6.06 **Splice Ø 550mm steel pipe piles**

The quantity to be paid for shall be the actual number of Ø 550mm steel pipe piles to be spliced 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 6.07 **Extraction of clogged materials inside the steel pipe piles**

The quantity to be paid for shall be the actual volume in cubic meter of clogged materials inside the steel pipe piles to be extracted 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 6.08 Supply and place 3,500 psi concrete filler for steel pipe piles

The quantity to be paid for shall be the actual volume in cubic meter of 3,500 psi concrete filler for steel pipe piles 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 6.09 Supply and install steel cage bar for steel pipe piles

The quantity to be paid for shall be the actual weight in kilogram of steel cage bar for steel pipe 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 6.10 Application of polyurethane-base external coating for steel pipe piles (Polyurethane @ 1,500 microns dry film thickness or equivalent)

The quantity to be paid for shall be the actual area in square meter of steel pipe piles surfaces applied with polyurethane-base external coating (Polyurethane @ 1,500 microns dry film thickness or equivalent) 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 6.11 Cutting of driven steel piles to required elevation and turn-over of excess materials to authority

The quantity to be paid for shall be the actual number of driven steel piles to be cut up to required elevation, including turnover of excess materials to the authority in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 6.12 Supply and place 3,500 psi. concrete for RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb

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 RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb, 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 6.13 Supply and install steel reinforcement for RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement to be supplied and installed for RC deck, beam, pile cap, mooring and fender block, curtain wall, and curb, in accordance with the plans and specifications and accepted by the Engineers. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 6.14 Supply and install hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars

The quantity to be paid for shall be the actual length in linear meter of hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars 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 6.15 Supply and deliver to site rubber dock fender (V-type, 500H x 1500L) including accessories

The quantity to be paid for shall be the actual set of rubber dock fender (V-type, 500H x 1500L) including accessories 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 6.16 Install rubber dock fender including accessories

The quantity to be paid for shall be the actual set of rubber dock fender including accessories to be 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 6.17 Supply and deliver to site mooring bollard, 35-Ton, Tee-head including accessories

The quantity to be paid for shall be the actual set of mooring bollard, 35-Ton, Tee-head including accessories 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 6.18 Install mooring bollard including accessories

The quantity to be paid for shall be the actual set of mooring bollard including accessories to be 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 6.19 Supply and install machine bended 20mm thick steel ramp protection with welded end cover and 100mm Ø pouring holes at 50mm interval

The quantity to be paid for shall be the actual set of machine bended 20mm thick steel ramp protection with welded end cover and 100mm Ø pouring holes at 50mm interval 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.

BILL NO. 7
RECONSTRUCTION OF EXISTING RORO RAMP TO RC PLATFORM

Item 7.01 **Supply and place 3,500 psi. concrete for deck, beam, pile cap, RC curb and curtain wall**

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 deck, beam, pile cap, RC curb and curtain 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 7.02 **Supply and install steel reinforcement for deck, beam, pile cap, RC curb and curtain wall**

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement to be supplied and installed for deck, beam, pile cap, RC curb and curtain wall, in accordance with the plans and specifications and accepted by the Engineers. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 7.03 **Supply and install hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars**

The quantity to be paid for shall be the actual length in linear meter of hot-dipped galvanized angle bar, 100mm x 100mm x 10mm for construction joints including dowel bars 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.

BILL NO. 8
PASSENGER TERMINAL BUILDING

Item 8.01 **Demolition of existing concrete pavement for construction of Gate Complex 1 & 2, Guard Outpost, covered walkway and Pumphouse**

The quantity to be paid for shall be the actual area in square meter of existing concrete pavement to be demolished, prior to the construction of Gate Complex 1 & 2, Guard Outpost, covered walkway and Pumphouse, including proper disposal of debris 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 8.02 **Excavation and backfilling works for building foundations, electrical system and plumbing system**

The quantity to be paid for shall be the actual volume in cubic meter of existing fill materials to be excavated prior to the construction of building foundations, electrical system and plumbing system including backfilling 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.

Item 8.03 **Scraping of existing fill**

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

Item 8.04 **Supply and deliver to site 450mm x 450mm vertical PSC piles**

The quantity to be paid for shall be the actual length in linear meter of 450mm x 450mm vertical PSC piles to be 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 8.05 **Handle, pitch and drive 450m x 450mm Vertical PSC piles**

The quantity to be paid for shall be the actual length in linear meter of 450m x 450mm Vertical PSC 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 8.06 **Cut/chip and dispose newly driven PSC pile up to required elevation**

The quantity to be paid for shall be the actual number of newly driven PSC pile to be cut/chipped up to required elevation, including proper disposal of debris 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 8.07 Splicing of PSC piles

The quantity to be paid for shall be the actual number of PSC piles to be spliced 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 8.08 Subgrade preparation

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

Item 8.09 Supply and apply soil treatment

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

Item 8.10 Supply, place and compact gravel bedding

The quantity to be paid for shall be the actual volume in cubic meter of gravel bedding to be supplied, placed, 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 8.11 Supply and place 50mm thick lean concrete for concrete piles

The quantity to be paid for shall be the actual volume in cubic meter of 50mm thick lean concrete for concrete piles 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 8.12 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 8.13 Supply and place 4,000 psi. concrete for building structure

The quantity to be paid for shall be the actual volume in cubic meter of 4,000 psi. concrete to be supplied and set-in-place for building structure 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 8.14 Supply & install steel reinforcement for building structure
a) Grade 40
b) Grade 60

The quantity to be paid for shall be the actual weight in kilogram of various grade types of steel reinforcement to be supplied and installed for building structure 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 8.15 Construct 4,000 psi concrete slab on grade, stairs and ramps on-fill including reinforcements

The quantity to be paid for shall be the actual area in square meter of 4,000 psi concrete slab on grade, stairs and ramps on-fill including reinforcements 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 8.16 Supply, fabricate and install structural steel materials

The quantity to be paid for shall be the actual weight in kilogram of structural steel materials 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 8.17 Supply and apply anti corrosive epoxy paint with zinc phosphate (2 coats)

The quantity to be paid for shall be the actual area in square meter of anti-corrosive epoxy paint with zinc phosphate (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 8.18 Construct 150 mm thick CHB wall including steel reinforcements

The quantity to be paid for shall be the actual area in square meter of 150 mm thick CHB wall including steel reinforcements 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 8.19 Construct 100 mm thick CHB wall including steel reinforcements

The quantity to be paid for shall be the actual area in square meter of 100 mm thick CHB wall including steel reinforcements 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 8.20 Construct septic vault including fittings and accessories

The quantity to be paid for shall be the actual number of septic vault including fittings and accessories to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for

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

Item 8.21 Construct catch basin including accessories

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

Item 8.22 Construct Pumphouse including other appurtenances

The quantity to be paid for shall be the actual lot of works required to complete the construction of Pumphouse including other appurtenances 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 8.23 Supply and place 13mm thick cement plaster

The quantity to be paid for shall be the actual area in square meter of 13mm thick cement plaster to be supplied and placed 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 8.24 Supply and apply elastomeric paint (2 coats)

The quantity to be paid for shall be the actual area in square meter of concrete surfaces to be supplied and applied with elastomeric paint (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 8.25 Supply and apply flat latex paint (2 coats)

The quantity to be paid for shall be the actual area in square meter of ceiling surfaces to be supplied and applied with flat latex paint (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 8.26 Supply and apply quick-drying enamel (2 coats)

The quantity to be paid for shall be the actual area in square meter of steel surfaces to be supplied and applied with quick-drying enamel (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 8.27 Supply and apply waterproofing

The quantity to be paid for shall be the actual area in square meter of roof deck surfaces to be supplied and applied with waterproofing 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 8.28 Supply and install 4mm thick Aluminum composite panels

The quantity to be paid for shall be the actual area in square meter of 4mm thick Aluminum composite panels 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 8.29 Supply and install 600mm x 600mm unglazed ceramic tiles

The quantity to be paid for shall be the actual area in square meter of 600mm x 600mm unglazed ceramic tiles to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.30 Supply and install Non-slip Ceramic Tiles

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

Item 8.31 Supply and install glazed ceramic wall tiles

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

Item 8.32 Supply and install 300mm x 300mm tactile blocks

The quantity to be paid for shall be the actual area in square meter of 300mm x 300mm tactile blocks to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.33 Supply and install 12mm thick Synthetic granite

The quantity to be paid for shall be the actual area in square meter of 12mm thick Synthetic granite 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 8.34 Supply and install 50mm thick Rigid-type stair nosing

The quantity to be paid for shall be the length in linear meter of 50mm thick Rigid-type stair nosing 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 8.35 Supply and install C1: Aluminum Clip-in Perforated Panels, Bone white, or equivalent (600mm x 1200mm x 0.70mm)

The quantity to be paid for shall be the actual area in square meter of Aluminum Clip-in Perforated Panels, Bone white, or equivalent (600mm x 1200mm x 0.70mm), including accessories for Ceiling 1 (C1) to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.36 Supply and install C2: 12mm thk. Gypsum board painted on 0.40mm thk. Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod)

The quantity to be paid for shall be the actual area in square meter of 12mm thk. Gypsum board painted on 0.40mm thk. Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod), including accessories for Ceiling 2 (C2) to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.37 Supply and install C3: 12mm thk. Moisture Resistant Gypsum board painted on 0.40mm thk. Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod)

The quantity to be paid for shall be the actual area in square meter of 12mm thk. Moisture Resistant Gypsum board painted on 0.40mm thk. Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod), including accessories for Ceiling 3 (C3) to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.38 Supply and install stainless steel materials, buffed finish of various sizes including accessories and Aluminum tubular vertical louvers

The quantity to be paid for shall be the actual lot of stainless-steel materials, buffed finish of various sizes including accessories and aluminum tubular vertical louvers 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 8.39 Supply and install fabricated 1.5 mm thk. Aluminum Framed Doors and Windows including glass and accessories

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

Item 8.40 Supply and install fabricated Marine Plywood Finish Flush Doors, door jambs, hinges and locksets

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

Item 8.41 Supply and install fabricated PVC Doors, door jambs, hinges and locksets

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

Item 8.42 Supply and install fabricated aluminum louver doors and windows

The quantity to be paid for shall be the actual set of fabricated aluminum louver doors and windows 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 8.43 Supply, fabricate and install Phenolic anti-bacterial waterproof Toilet partition 12mm thk, including stainless hinges, lock indicators, bottom support doorknobs and coat hooks

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

Item 8.44 Supply and install pantry and toilet fixtures

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of pantry and toilet fixtures 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 8.45 Supply and install water line pipes and fittings

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of water line pipes and fittings 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 8.46 Supply and install sewerage pipes and fittings including accessories

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of sewerage pipes and fittings including 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 8.47 Supply and install drainage pipes and fittings including accessories

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of drainage pipes and fittings including 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 8.48 Supply, deliver and install wires and cables of various sizes

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of wires and cables of various sizes 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 8.49 Supply, deliver and install conduit pipe including fittings of various sizes

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of conduit pipe including fittings of various 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 8.50 Supply, deliver and install wiring devices

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of wiring devices 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 8.51 Supply, deliver and install protective devices

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of protective devices 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 8.52 Supply, deliver and install lighting fixtures

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of lighting fixtures 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 8.53 Supply, deliver and install lightning protection and accessories

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of lighting protection and 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 8.54 **Supply, deliver and install auxiliary system:**
a.) Community Antenna Television (CATV)
b.) Background Music / Paging Alarm (BGM/PA)
c.) Fire Detection Alarm System (FDAS)
d.) Telephone System

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of auxiliary system 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 8.55 **Supply, deliver and install air-conditioning unit**

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of air-conditioning unit 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 8.56 **Supply, delivery and installation of fire extinguishers**

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of fire extinguishers and other appurtenances 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 8.57 **Supply and deliver office furniture including gang chairs, and other accessories**

The quantity to be paid for shall be the actual lot of works required to complete the supply and delivery of office furniture including gang chairs, 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 8.58 **Supply and install PPA Logo including accessories**

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

Item 8.59 **Supply, deliver and install distribution transformer including accessories, metering, bill deposit and other incidental expenses**

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of distribution transformer including accessories, metering, bill deposit and other incidental expenses 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 8.60 Supply, deliver and install 29.76 kwp Grid-Tied Solar power including net-metering application and other incidental expenses

The quantity to be paid for shall be the actual lot of works required to complete the supply, delivery, and installation of 29.76 kwp Grid-Tied Solar power including net-metering application and other incidental expenses 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. 9
CONSTRUCTION OF COVERED WALKWAY

Item 9.01 Excavation and backfilling works for building foundations at covered walkway

The quantity to be paid for shall be the actual volume in cubic meter of existing fill materials to be excavated prior to the construction of building foundations at covered walkway, including backfilling 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.

Item 9.02 Subgrade preparation

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

Item 9.03 Supply, place and compact gravel bedding for covered walkway

The quantity to be paid for shall be the actual volume in cubic meter of gravel bedding to be supplied, placed, and compacted for covered walkway 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 9.04 Supply and place 4,000 psi concrete for covered walkway including non-shrink grout

The quantity to be paid for shall be the actual volume in cubic meter of 4,000 psi. concrete including non-shrink grout to be supplied and set-in-place for covered walkway 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 9.05 Supply and install reinforcement for covered walkway
a) Grade 40
b) Grade 60

The quantity to be paid for shall be the actual weight in kilogram of various grade types of reinforcement to be supplied and installed for covered walkway 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 9.06 Supply, fabricate and install structural steel materials including accessories

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

Item 9.07 **Supply and apply epoxy primer (1 coat) and quick drying enamel (2 coats) for covered walkway**

The quantity to be paid for shall be the actual area in square meter of structural steel surfaces to be supplied and applied with epoxy primer (1 coat) and quick drying enamel (2 coats) for covered walkway 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 9.08 **Construct catch basin including accessories**

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

Item 9.09 **Supply and install drainage pipes and fittings including accessories**

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of drainage pipes and fittings including 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 9.10 **Supply and install pre-insulated panels pre-painted Hi-Rib main roofing-single metal (Rib tpe, 0.60mm PPGL) with UPI board and other roofing accessories for covered walkway**

The quantity to be paid for shall be the actual area in square meter of pre-insulated panels pre-painted Hi-Rib main roofing-single metal (Rib tpe, 0.60mm PPGL) with UPI board and other roofing accessories to be supplied and installed for covered walkway 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 9.11 **Covered walkway electrical system including reinforced concrete for Ductbank, Handhole, and Pedestal Post**

The quantity to be paid for shall be the actual lot of works required to complete the electrical system of the covered walkway including the reinforced concrete for ductbank, handhole, and pedestal Post, all 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. 10
CONSTRUCTION OF GATE COMPLEX 1 AND 2, AND GUARD HOUSE

Item 10.01 Excavation and backfilling works for building foundations, electrical system and plumbing system

The quantity to be paid for shall be the actual volume in cubic meter of existing fill materials to be excavated prior to the construction of for building foundations, electrical system and plumbing system, including backfilling 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.

Item 10.02 Subgrade preparation

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

Item 10.03 Supply and apply soil treatment

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

Item 10.04 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 10.05 Supply, place and compact gravel bedding

The quantity to be paid for shall be the actual volume in cubic meter of gravel bedding to be supplied, placed, 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 10.06 Supply and place 4,000 psi concrete for building structure

The quantity to be paid for shall be the actual volume in cubic meter of 4,000 psi. concrete to be supplied and set-in-place for building structure 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 10.07 Supply and install steel reinforcement for building structure
a) Grade 40
b) Grade 60

The quantity to be paid for shall be the actual weight in kilogram of various grade types of steel reinforcement to be supplied and installed for building structure 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 10.08 Supply, fabricate and install gates 1 and 2 including accessories and application of epoxy primer paint (1 coat) and quick dry enamel paint (2 coat)

The quantity to be paid for shall be the actual lot of works required to complete the supply, fabrication, and installation of gates 1 and 2 including accessories, as well as the complete application of one (1) coat of epoxy primer paint and two (2) coats of quick-drying enamel paint, all 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 10.09 Construct 4,000 psi concrete slab on grade including reinforcements

The quantity to be paid for shall be the actual area in square meter of 4,000 psi concrete slab on grade including reinforcements 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 10.10 Construct 150 mm thick CHB wall including steel reinforcements

The quantity to be paid for shall be the actual area in square meter of 150 mm thick CHB wall including steel reinforcements 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 10.11 Construct septic vault including fittings and accessories

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

Item 10.12 Construct catch basin including accessories

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

Item 10.13 Supply and place 13mm thick cement plaster

The quantity to be paid for shall be the actual area in square meter of 13mm thick cement plaster to be supplied and placed 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 10.14 Supply and apply elastomeric paint (2 coats)

The quantity to be paid for shall be the actual area in square meter of concrete surfaces to be supplied and applied with elastomeric paint (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 10.15 Supply and apply flat latex paint (2 coats)

The quantity to be paid for shall be the actual area in square meter of ceiling surfaces to be supplied and applied with flat latex paint (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 10.16 Supply and apply quick-drying enamel (2 coats)

The quantity to be paid for shall be the actual area in square meter of steel surfaces to be supplied and applied with quick-drying enamel (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 10.17 Supply and apply waterproofing

The quantity to be paid for shall be the actual area in square meter of roof deck surfaces to be supplied and applied with waterproofing 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 10.18 Supply and install 4mm thick Aluminum composite panels

The quantity to be paid for shall be the actual area in square meter of 4mm thick Aluminum composite panels 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 10.19 Supply and install PVC ceiling

The quantity to be paid for shall be the actual area in square meter of PVC ceiling 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 10.20 Supply and install 12mm thick Gypsum board painted on 0.40mm thick Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod)

The quantity to be paid for shall be the actual area in square meter of 12mm thick Gypsum board painted on 0.40mm thick Galvanized Steel Ceiling Suspension System @ 0.40m O.C. (Furring), 0.60m O.C. (Carrying Channel), and 1.20m O.C. B.W. (suspension rod), including accessories for Ceiling 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 10.21 Supply and install 600mm x 600mm unglazed ceramic tiles

The quantity to be paid for shall be the actual area in square meter of 600mm x 600mm unglazed ceramic tiles to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 10.22 Supply and install glazed ceramic wall tiles

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

Item 10.23 Supply and install fabricated Marine Plywood Finish Flush Doors, door jambs, hinges and locksets

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

Item 10.24 Supply and install PVC Door with vent louver, door jamb, hinges and accessories

The quantity to be paid for shall be the actual set of PVC Door with vent louver, door jamb, hinges and accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 10.25 Supply and install fabricated 1.5 mm thick Aluminum Framed Windows including glass and accessories

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of fabricated 1.5 mm thick Aluminum Framed Windows including glass and 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 10.26 Supply and install electrical system for gate complex 1

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of electrical system for gate complex 1 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 10.27 Supply and install electrical system for gate complex 2

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of electrical system for gate complex 2 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 10.28 Supply and install electrical system for guard house

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of electrical system for guard house 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 10.29 Supply and install toilet fixtures

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of toilet fixtures 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 10.30 Supply and install water line pipes and fittings

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of water line pipes and fittings 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 10.31 Supply and install sewerage pipes and fittings including accessories

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of sewerage pipes and fittings including 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 10.32 Supply and install drainage pipes and fittings including accessories

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of drainage pipes and fittings including 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 10.33 Supply and deliver office furniture

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of office furniture 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 10.34 Supply and Install PPA Logo Including accessories

The quantity to be paid for shall be the actual lot of works required to complete the supply and installation of PPA Logo including 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 10.35 Supply and install decorative stone wall cladding

The quantity to be paid for shall be the actual area in square meter of decorative stone wall cladding 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.

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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 (0.50 cu.m., 94.30hp, minimum), owned
1	unit/s	Clamshell, owned
1	unit/s	Concrete cutter, owned
1	unit/s	Concrete Mixer (1 bagger, minimum), owned
1	unit/s	Concrete bucket, owned
1	unit/s	Concrete Screeder, owned
1	unit/s	Concrete Vibrator (3.5 hp, minimum), owned
1	unit/s	Crane Barge (319 GW, minimum) with 60T crane, owned or leased
1	unit/s	Crawler Crane (30T, minimum), owned
1	unit/s	Crawler Crane (20T, minimum), owned
1	unit/s	Pile Hammer (Diesel, 7,500 kg.m., min. - 10,500 kg.m., max. or hydraulic equivalent), owned
1	unit/s	Pile Hammer (Diesel, 13,500 kg.m. - 16,500 kg.m., max. or hydraulic equivalent), owned
1	unit/s	Drop Hammer (2T, minimum), owned
1	unit/s	Dump Truck (10T net capacity., minimum), owned
1	unit/s	Bar Bender (electric, 25mm dia min.), owned
1	unit/s	Bar Cutter (electric, 25mm dia min.), owned
1	unit/s	Jackhammer, owned
1	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
1	unit/s	Transit Mixer (10 Tons net capacity, minimum), owned/leased
1	unit/s	Tugboat (500hp, minimum), owned/leased
1	unit/s	Water Truck with pump (1,000 gal., minimum), owned
1	unit/s	Welding Machine (400 amp., minimum), owned
1	unit/s	Cargo Truck (2T capacity, min.), owned
1	unit/s	Backhoe Breaker Attachment, 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

63	pc.	Hard Hats
63	pc.	Gloves (rubberized)
63	pc.	Safety Glasses/Goggles (clear)
126	pc.	Long sleeve T-shirt
2	pc.	Aprons
1	pc.	Safety Belts
63	pair	Safety Shoes
1	set	Life Lines

Safety Devices

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

Medical and First Aid System - Twenty-Two (22) mos.

NOTE:

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

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

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

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

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

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	One per batch
	Mill Certificate	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	For every 1,500 cubic meter or fraction thereof
	Laboratory California Bearing Ratio (CBR)	For every 2,500 cubic meter or fraction thereof
	Field Density Test	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	For every 300 cubic meter or fraction thereof
	Quality Test for Grading, Plasticity, Abrasion and Laboratory Compaction Test	For every 1,500 cubic meter or fraction thereof
	Laboratory California Bearing Ratio (CBR)	Same frequency as Selected Fill
	Field Density Test	Same frequency as Selected Fill
Portland Cement Concrete Pavement (PCCP)		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Steel Bars (Dowels)	Same test as for SC (E)	Same frequency as SC (E)
F Joint Filler	Quality Test	One (1) per shipment

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

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

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

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

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

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

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

Approved

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

SECTION IX

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: **Jasaan Port Expansion Project, Port of Jasaan, Misamis Oriental**;

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 **Jasaan Port Expansion Project, Port of Jasaan, Misamis Oriental** 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 **Jasaan Port Expansion Project, Port of Jasaan, Misamis Oriental** 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. _____
Page No. _____
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 completed an SLCC that is similar to the procurement project to be bid, and whose value must be equivalent to at least fifty percent (50%) of the ABC, adjusted to current prices using the Philippine Statistics Authority (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 SIMILAR CATEGORIES OF WORK INCLUDING OTHER COMPLETED CONTRACTS SIMILAR TO THE CONTRACT TO BE BID

Work Description	Unit of Measure	Quantity	SLCC similar to the contract to be bid 1]	Other completed contracts similar to the contract to be bid 1]			Unit of Measure 1]	Quantity 1]
			Name of the contract	Name of the contract	Name of the contract	Name of the contract		
Similar Category of Work: 1. Pile Driving works (Offshore)	l.m.	4,502						
Other Qualifying Experience Requirement: 1. Rockworks (50-1,000 kg/pc.) 2. Placing of Fill Materials 3. Reinforced Concrete works 4. Construction of Portland Cement concrete Pavement 5. Construction of Building	 cu.m. cu.m. cu.m. sq.m. sq.m.	 1,088 3,020 1,120 1,615 313						

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 "_"
Project Architect					PRC License Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Materials Engineer II					PRC License (CE Preferred) Submit Valid and Renewed DPWH Certificate of Accreditation Submit Accreditation Identification Card as Materials Engineer Complete Qualification and Experience Data Certificate of Commitment	Annex "_"
Construction Safety and Health Officer					Certificate in Construction Occupational Safety and Health (COSH) 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
Project Architect - Three (3) years
Foreman - Five (5) years
Materials Engineer – One (1) year
Materials Engineer I – for projects costing up to 100M
Materials Engineer II – for projects costing more than 100M
Construction Safety and Health Officer – One (1) year

Name of Firm

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

Date

Revised: September 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 AND DEMOLITION WORKS

1 Demolition and disposal of existing building structure (39 sq.m.)
2 Demolition and disposal of existing Portland Cement Concrete Pavement (621 sq.m.)
3 Demolition and exposure of existing riprap (279 sq.m.)
4 Chipping of existing RC curb (107 l.m.)
5 Removal of existing 35T Mooring Bollard and Mooring Bitt (9 no.) and V-Type Rubber Dock Fender and Truck Fenders (13 no.)
6 Demolition and disposal of temporary steel fence (30 l.m.)
7 Demolition and disposal of existing CHB fence (27 l.m.)
8 Removal of existing gate (4 l.m.)
9 Removal of existing lamp posts (14 no.) and twin floodlight lamp posts (2 no.)
10 Extraction of existing bulkhead (12 cu.m.)
11 Excavation of existing seabed (411 cu.m.)
12 Excavation of existing fill materials (827 cu.m.)

B. ACCESS ROAD (173.58m X 9.00m)

1 Supply and placing of 3,500 psi concrete (270 cu.m.)
2 Supply and installation of reinforcing steel bars (25,885 cu.m.)
3 Supply and place gravel bedding (37 cu.m.)
4 Supply and placing of 50-100kg/pc core rocks (222 cu.m.) and 1,000 kg/pc. armour rocks (1,021 cu.m.)
5 Supply and installation of Geotextile Fabric (937 sq.m.)
6 Supply, spread and compact sand and gravel fill (148 cu.m.) and aggregate sub-base course (454 cu.m.)
7 Supply, spread and compact aggregate base course (376 cu.m.)
8 Construction of Portland Cement Concrete Pavement (1,882 sq.m.)
9 Construction of catch drain man hole (1 set)
10 Supply and installation of HDPE pipe 600mm dia. (13 l.m.) and 900mm dia. (38 l.m.)
11 Supply, delivery and installation of mooring cleats (10 set)
12 Construction of Security Fence (21 l.m.)
13 Re-installation of existing lamp posts (12 set)

C. PORT OPERATIONAL AREA

1 Supply and driving of Z-Type steel sheet pile (133 m.t., 1,148 l.m.) including protective coating (859 sq.m.)
2 Supply and installation of dowel bars (1,457 kg.), steel waling and splice plate (5,355 kg.)
3 Supply and placing of 3,500 psi concrete (303 cu.m.)
4 Supply and installation of reinforcing steel bars (27,439 kg.)
5 Supply and installation of Ø44mm x 16m tie-rod (39 set)
6 Supply and placing of 50-100kg/pc core rocks (755 cu.m.) and 1,000 kg/pc. armour rocks (178 cu.m.)

7 Supply and installation of Geotextile Fabric (1,133 sq.m.)
8 Supply, spread and compact sand and gravel fill (4,584 cu.m.) and aggregate subbase course (853 cu.m.)
9 Supply, spread and compact aggregate base course (269 cu.m.)
10 Supply and place gravel bedding (23 cu.m.)
11 Construction of Portland Cement Concrete Pavement (1,347 sq.m.)
12 Construction of security fence (77 l.m.)
13 Supply and installation of hot-dipped galvanized angle bar for const. joints (51 l.m.)
14 Supply, deliver and install electrical works for the port lighting system (1 set)
15 Supply, deliver and drive 450mm x 450mm x Vertical PSC pile for High Must Tower foundation (15 l.m.)

D. RC WHARF, (SEGMENT 1)

1 Supply, deliver and drive Test Pile Ø 550mm x 39m steel pipe piles (13mm thick, A252 Grade 2) including splicing thereof (1 no)
2 Supply and deliver Ø 550mm steel pipe piles (13mm thick, A252 Grade 2) (636 m.t.) and application of polyurethane-base external coating (2,728 sq.m.)
3 Handle, pitch and drive Ø 550mm vertical steel pipe piles (1,900 l.m.) and batter steel pipe piles (1,764 l.m.) including splicing (96 no.) and cutting of driven SPP (97 no.)
4 Supply and install reinforcing cylindrical band plate at the tip of steel pipe piles (Ø 550mm) (2,446 kg) and extraction of clogged materials (73 cu.m.)
5 Supply and place 3,500 psi concrete filler (382 cu.m.) and supply and install steel cage bar for steel pipe piles (88,358 kg.)
6 Supply and placing of 3,500 psi concrete (427 cu.m.)
7 Supply and installation of reinforcing steel bars (74,462 cu.m.)
8 Supply and installation of hot-dipped galvanized angle bar for const. joints (68 l.m.)
9 Supply, deliver and install rubber dock fender (V-type, 500H x 1500L) (6 set) and mooring bollard, 35-Ton, Tee-head (3 set) including accessories

E. RC WHARF WITH RORO RAMP (SEGMENT 2)

1 Supply, deliver and drive Test Pile Ø 550mm x 39m steel pipe piles (13mm thick, A252 Grade 2) including splicing thereof (2 no)
2 Supply and deliver Ø 550mm steel pipe piles (13mm thick, A252 Grade 2) (603 m.t.) and application of polyurethane-base external coating (2,620 sq.m.)
3 Handle, pitch and drive Ø 550mm vertical steel pipe piles (1,672 l.m.) and batter steel pipe piles (1,833 l.m.) including splicing (91 no.) and cutting of driven SPP (93 no.)
4 Supply and install reinforcing cylindrical band plate at the tip of steel pipe piles (Ø 550mm) (2,345 kg) and extraction of clogged materials (70 cu.m.)
5 Supply and place 3,500 psi concrete filler (367 cu.m.) and supply and install steel cage bar for steel pipe piles (84,840 kg.)
6 Supply and placing of 3,500 psi concrete (442 cu.m.)
7 Supply and installation of reinforcing steel bars (80,414 cu.m.)
8 Supply and installation of hot-dipped galvanized angle bar for const. joints (69 l.m.)
9 Supply, deliver and install rubber dock fender (V-type, 500H x 1500L) (8 set) and mooring bollard, 35-Ton, Tee-head (3 set) including accessories
10 Supply and install machine bended 20mm thick steel ramp protection with welded end cover and 100mm Ø pouring holes at 50mm interval (5 set)

F. RECONSTRUCTION OF EXISTING RORO RAMP TO RC PLATFORM

1 Supply and placing of 3,500 psi concrete (48 cu.m.)
2 Supply and installation of reinforcing steel bars (10,901 cu.m.)
3 Supply and installation of hot-dipped galvanized angle bar for const. joints (31 l.m.)

G. PASSENGER TERMINAL BUILDING

1 Construction of Passenger Terminal Building, complete with architectural finishes, structural, electrical, plumbing, fire pro., painting etc. (625 sq.m.)
2 Supply, delivery and installation of distribution transformer including accessories, metering, bill deposit and other incidental expenses
3 Supply, delivery and installation of 29.76 kwp Grid-Tied Solar power including net-metering application and other incidental expenses

H. CONSTRUCTION OF COVERED WALKWAY

1 Excavation and backfilling works (124 cu.m.)
2 Supply and place gravel bedding (19 cu.m.)
3 Supply and placing of 4,000 psi concrete (47 cu.m.)
4 Supply and installation of reinforcing steel bars (4,635 cu.m.)
5 Supply, fabrication and installation of structural steel materials (19,094 cu.m.)
6 Supply and application of epoxy primer and quick drying enamel paint (395 sq.m.)
7 Construct catch basin including accessories (16 no.)
8 Supply and install drainage pipes and fittings including accessories (1 lot)
9 Supply and installation of pre-insulated panels pre-painted Hi-Rib Roofing (184 sq.m.)
10 Covered walkway electrical system (1 lot)

I. CONSTRUCTION OF GATE COMPLEX 1 AND 2, AND GUARD HOUSE

1 Construction of Guardhouse and Gate Complex 1 and 2, complete with architectural finishes, structural, electrical, plumbing, painting etc.

NOTES:

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

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

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

Revised: September 2021

MANPOWER SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

MANPOWER (Minimum)	CONTRACT DURATION (_____ Calendar Days)																				
	MONTHLY																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
Project Manager																						
Project Engineer																						
Project Architect																						
Materials Engineer II																						
Construction Safety and Health Officer																						
Foreman																						
Specify other applicable positions, ie.:																						
- Carpenter																						
- Steelman																						
- Mason																						
- Electrician																						
- Rigger																						
- Others																						

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

EQUIPMENT UTILIZATION SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

EQUIPMENT (Minimum)	No. of Units	CONTRACT DURATION (_____ Calendar Days)																				
		M O N T H L Y																				
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

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-curve.
- 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
JASAAN PORT EXPANSION PROJECT
PORT OF JASAAN, MISAMIS ORIENTAL
ABC - Php 483,226,260.35

	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;
	(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. Same Major Categories of Work
	1. Supply, delivery and driving of piles (Offshore)
	b. Experience Record on Similarly Completed Projects
	1. Similar Category of Work
	i. Pile Driving works (Offshore) (4,502 l.m.)
	2. Other Qualifying Works
	i. Rockworks (50-1,000 kg/pc.)(1,088 cu.m.)
	ii. Placing of Fill Materials (3,020 cu.m.)
	iii. Reinforced Concrete Works (1,120 cu.m.)
	iv. Construction of Portland Cement Concrete Pavement (1,615 sq.m.)
	v. Construction of Building (313 sq.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
	Project Architect
	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
	1 unit/s Air Compressor (250 cfm, minimum), owned
	1 unit/s Backhoe (0.50 cu.m., 94.30hp, minimum), owned
	1 unit/s Clamshell, owned
	1 unit/s Concrete cutter, owned
	1 unit/s Concrete Mixer (1 bagger, minimum), owned
	1 unit/s Concrete bucket, owned
	1 unit/s Concrete Screeder, owned
	1 unit/s Concrete Vibrator (3.5 hp, minimum), owned
	1 unit/s Crane Barge (319 GW, minimum) with 60T crane, owned or leased
	1 unit/s Crawler Crane (30T, minimum), owned
	1 unit/s Crawler Crane (20T, minimum), owned
	1 unit/s Pile Hammer (Diesel, 7,500 kg.m., min. - 10,500 kg.m., max. or hydraulic equivalent), owned
	1 unit/s Pile Hammer (Diesel, 13,500 kg.m. - 16,500 kg.m., max. or hydraulic equivalent), owned
	1 unit/s Drop Hammer (2T, minimum), owned
	1 unit/s Dump Truck (10T net capacity., minimum), owned
	1 unit/s Bar Bender (electric, 25mm dia min.), owned
	1 unit/s Bar Cutter (electric, 25mm dia min.), owned
	1 unit/s Jackhammer, owned

H.O. - BIDS AND AWARDS COMMITTEE - EP
CHECKLIST OF BIDDING DOCUMENTS
JASAAN PORT EXPANSION PROJECT
PORT OF JASAAN, MISAMIS ORIENTAL
ABC - Php 483,226,260.35

	REQUIREMENTS
	1 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
	1 unit/s Transit Mixer (10 Tons net capacity, minimum), owned/leased
	1 unit/s Tugboat (500hp, minimum), owned/leased
	1 unit/s Water Truck with pump (1,000 gal., minimum), owned
	1 unit/s Welding Machine (400 amp., minimum), owned
	1 unit/s Cargo Truck (2T capacity, min.) , owned
	1 unit/s Backhoe Breaker Attachment, owned
	(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.