PLUMBING

P - 01 of 16 – General Notes and Specifications, Material Specifications, Plumbing Layout Site Plan, Details of Septic Tank, Details of Manhole Cover, Detail of Trenching, Bedding & Backfilling of Pipes, Details of Water Meter, Details of Pipe Penetration on R.C. Wall

P - 02 of 16 – Ground Floor Cold Water Supply Layout Plans from Pump House and STP Treated Water Tank

P - 03 of 16 – Second Floor Cold Water Supply Layout Plans from Pump House and STP Treated Water Tank

P - 04 of 16 – Ground Floor Potable Water Supply Layout Plans from Pump House Cistern Tank, Schedule of Pipe (Water Line)

P - 05 of 16 – Second Floor Potable Water Supply Layout Plans from Pump House Cistern Tank, Schedule of Pipe (Water Line)

P - 06 of 16 – Potable Water Line Isometric Plan, Plumbing Fixture Details

P - 07 of 16 – Ground Floor Non-Potable Water Supply Layout Plans from STP Recycled Water and Rainwater Tank, Schedule of Pipe (Water Line)

P - 08 of 16 – Second Floor Non-Potable Water Supply Layout Plans from STP Recycled Water and Rainwater Tank, Schedule of Pipe (Water Line)

P - 09 of 16 – Non-Potable Water Line Isometric Plan, Plumbing Fixture Details

P - 10 of 16 – Ground Floor Sewer and Vent Layout Plans, Schedule of Pipe (Sewer Line)

P - 11 of 16 – Second Floor Sewer and Vent Layout Plans, Schedule of Pipe (Sewer Line)

P - 12 of 16 – Sewer and Vent Isometric Plan, Plumbing Fixture Details

P - 13 of 16 – Ground Floor Storm Drainage Layout Plan

P - 14 of 16 – Second Floor Storm Drainage Layout Plan

P - 15 of 16 – Roof Storm Drainage Layout Plan

P - 16 of 16 – Storm Drainage Isometric Layout Plan, Connection Details, Catch Basin Detail

ELECTRICAL

E - 01 of 13 – Ground Floor Lighting Layout Plan, Legend

E - 02 of 13 – Ground Floor Power Layout Plan, Legend

E - 03 of 13 – Ground Floor Air Condition Power Layout Plan

E - 04 of 13 – Second Floor Lighting Layout Plan

E - 05 of 13 – Second Floor Power Layout Plan

E - 06 of 13 – Second Floor Air Condition Power Layout Plan

E - 07 of 13 – Roof Deck Lighting Layout Plan

E - 08 of 13 – Schedule of Loads, Riser Diagram

E - 09 of 13 – Schedule of Loads, Riser Diagram, Single Line Diagram

E - 10 of 13 – Service Entrance Layout Plan, Legend

E - 11of 13 – Concrete Pedestal Post, Detail of Handhole, Detail of Ductbank

E - 12 of 13 – Detail of Transformer Concrete Pad, Reinforcement Detail of Concrete Deck, Typical Detail of Column/Footing, Detail of Beam, General Notes

E - 12 of 13 – Lighting Protection Layout Plan, Air Terminal Rod

CATV

CATV - 01 of 03 – Ground CATV/Telephone Layout Plan

CATV – 02 of 03 – Second CATV/Telephone Layout Plan

CATV - 03 of 03 – CATV Single Line Diagram, Telephone Single Line Diagram Notes on CATV and Telephone, Legend

BACKGROUND MUSIC

BGM - 01 of 03 – Ground Floor BGM Layout Plan

BGM - 02 of 03 – Second Floor BGM Layout Plan

BGM - 03 of 03 – BGM Single Line Diagram, Notes on BGM, Legend

FIRE DETECTION AND ALARM SYSTEM

FDAS - 01 of 03 – Ground Floor FDAS Layout Plan

FDAS - 02 of 03 – Second Floor FDAS Layout Plan

FDAS - 03 of 03 – FDAS Single Line Diagram, Notes on FDAS, Legend

SOLAR PANEL

SP - 01 of 01 – Solar Panel Layout Plan, Mechanical and Specification

FIRE PROTECTION

FP - 01 of 08 – General Notes, Material Specifications, Equipment Schedule, Legend / Symbols and Abbreviation, Pipe Sleeves Schedule, Site Development Plan, Drawing Index

FP - 02 of 08 – Ground Floor Fire Protection Layout

FP - 03 of 08 – Second Floor Fire Protection Layout

FP - 04 of 08 – Ground Floor Fire Extinguisher Layout

FP - 05 of 08 – Second Floor Fire Extinguisher Layout

FP - 06 of 08 – Fire Protection System Riser Diagram, Fire Pump Room Blow Up Plan, Fire Pump Room Longitudinal Section

FP - 07 of 08 – Miscellaneous Details-1

FP - 08 of 08 – Miscellaneous Details-2

MECHANICAL

M - 01 of 07 – General Notes, Abbreviations, Drawing Index, Legends & Symbols, Sheet Metal Thickness and Reinforcement Schedule

M - 02 of 07 – Equipment Schedule

M - 03 of 07 – Ground Floor Air Conditioning System Layout

M - 04 of 07 – Second Floor Air Conditioning System Layout, Outdoor Units / ACCU Location

M - 05 of 07 – Ground Floor Ventilation System Layout

M - 06 of 07 – Second Floor Ventilation System

M - 07 of 07 – Miscellaneous Details

PUMPHOUSE

PH - 01 of 09 – Perspective, Ground Floor Plan, Reflected Ceiling Plan, Roof Deck Plan, Front Elevation, Doors & Windows Schedule

PH - 02 of 09 – Left Side Elevation, Right Side Elevation, Rear Elevation, Section Thru X'-X", Section Thru Y'-Y", Section Thru Z'-Z"

PH - 03 of 09 – Pumphouse Plumbing Plan, Water Supply Schematic Diagram, Schedule of Equipment

PH - 04 of 09 – Structural General Notes & Standards

PH - 05 of 09 – Standard Details, Typ. Detail of Step-up, Beam Schedule

PH - 06 of 09 – Standard Details, Column Schedule

PH - 07 of 09 – Foundation Plan, Ground Floor Framing Plan, Roof Beam Framing Plan, Detail of Manhole Cover, Typical Detail of Step-up, Beam Schedule

PH - 08 of 09 – Section Thru A-A', Section Thru B-B', Typical Column Elevation, Column Schedule

PH - 09 of 09 – Lighting and Power Layout Plan, Legend, Schedule of Load, Riser Diagram

TEMPORARY FACILITY

TF - 01 of 06 – Floor Plan, Platform Framing Plan, Front Elevation, Platform Blow Up Detail

TF - 02 of 06 – Lighting and Power Layout Plan, Legend, Schedule of Load, Riser Diagram

TF - 03 of 06 – Air Condition Power Layout Plan, Legend, Schedule of Load, Riser Diagram

TF - 04 of 06 – General Notes, Abbreviations, Drawing Index, Equipment Schedule, Legends & Symbols

TF - 05 of 06 – Air Conditioning Layout, Miscellaneous Details

TF - 06 of 06 – General Notes, Fire Extinguisher Layout, Miscellaneous Detail

ANNEX

ANNEX - 01 of 04 – CCTV Site Development Plan

ANNEX - 02 of 04 – Ground Floor CCTV Layout Plan

ANNEX - 03 of 04 – Second Floor CCTV Layout Plan

ANNEX - 04 of 04 – Roof Deck CCTV Layout Plan

SECTION VIII

BILL OF QUANTITIES and ATTACHMENTS

BID SUMMARY

ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT

Port of Isabela, Isabela City, Basilan

NO.	DESCRIPTION OF WORK	AMOUNT (Pesos)
BILL NO.	1 GENERAL EXPENSES	
BILL NO.	2 REMOVAL, DISPOSAL AND EXCAVATION WORKS	
BILL NO.	3 PORT OPERATIONAL AREA	
BILL NO.	4 PORT OPERATIONS BUILDING	
BILL NO.	5 REIMBURSABLE ITEMS	
	BID PRICE	

Name of Firm

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

Date

BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO. 1	GENERAL EXPENSES				
1.01	Mobilization, demobilization and cleaning	lot	1		
1.02	Rental of temporary site office and residence for the Engineer and staff	mo.	24		
1.03	Maintain temporary site office and residence for the Engineer and staff	mo.	24		
1.04	Provide Construction Safety and Health Program in the execution of the project	mo.	24		
	TOTAL FOR BILL NO. 1				-

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

BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	2 REMOVAL, DISPOSAL AND EXCAVATION WORKS				
2.01	Remove existing fender and turn over to the authority	no.	4		
2.02	Remove existing mooring bollard and turn over to the authority	no.	8		
2.03	Remove and dispose existing RC deck	sq.m.	780		
2.04	Remove and dispose existing mooring / breasting dolphins	no.	3		
2.05	Cut and dispose existing PSC Piles up to seabed elevation	no.	121		
2.06	Excavation of existing seabed up to required elevation	cu.m.	6,066		
	TOTAL FOR BILL NO. 2				-

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

BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**3 PORT OPERATIONAL AREA**				
3.01	Supply and deliver to site 1,200mm dia. tubular steel pipe sheet piles including connectors	m.t.	927		
3.02	Handle, pitch and drive steel pipe piles and connectors	l.m.	2,160		
3.03	Supply and install steel waling and splice plate for the steel sheet piles	kg.	9,000		
3.04	Application of polyurethane external coating and mastic filler for steel pipe piles (Polyurethane : 1,500 microns dry film thickness or equivalent)	sq.m.	4,411		
3.05	Supply, fabricate and install reinforcing cylinder band for steel pipe piles	no.	90		
3.06	Extraction of clogged and unsuitable materials inside the steel pipe piles	cu.m.	874		
3.07	Supply and place sand filler for steel pipe piles	cu.m.	291		
3.08	Supply and install reinforcing steel cage for steel pipe piles	kg.	110,960		
3.09	Supply and place 3,500 psi concrete filler for steel pipe piles	cu.m.	1,262		
3.10	Supply and deliver to site 400mm x 400mm PSC anchor piles	l.m.	1,160		
3.11	Handle, pitch and drive 400mm x 400mm PSC anchor piles	l.m.	1,160		
3.12	Chip/cut & dispose portion of newly driven PSC anchor piles	no.	58		

Name of Bidder/ Authorized Representative
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BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.13	Supply and place 3,500 psi concrete for the anchor wall, anchor pile wall retaining wall, rc curb, drainage outfall, and electrical works	cu.m.	453		
3.14	Supply and install steel reinforcement for the anchor wall, anchor pile wall retaining wall, rc curb, drainage outfall, and electrical works	kg.	31,108		
3.15	Supply and place gravel bedding	cu.m.	5		
3.16	Supply and place 50-100 kg. Core rocks	cu.m.	9,971		
3.17	Supply and place leveling rocks	cu.m.	1		
3.18	Supply and install Concrete blocks including lifting handle:				
	a) Concrete block no. 1	no.	2		
	b) Concrete block no. 2	no.	1		
	c) Concrete block no. 3	no.	1		
3.19	Supply and place concrete in jute bag	cu.m.	28		
3.20	Supply and install tie-rod of various sizes including accessories				
	a) 55mm Ø x 18.00m	set	58		
	b) 32mm Ø x 19.00m	set	8		
	c) 32mm Ø x 11.50m	set	2		
3.21	Supply and install Geotextile Fabric	sq.m.	2,343		

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BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
3.22	Supply and place Sand and Gravel fill	cu.m.	12,821		
3.23	Supply, spread and compact aggregate sub-base course	cu.m.	2,762		
3.24	Supply, spread and compact aggregate base course	cu.m.	309		
3.25	Construct portland cement concrete pavement (300mm thk) including dowel bars and construction joint	sq.m.	1,567		
3.26	Construct catch drain manhole including accessories	no.	6		
3.27	Supply and lay 600mm dia. reinforced concrete pipe including accessories	l.m.	82		
3.28	Supply and deliver to site rubber dock fender (V-type, 500H x 2,000L) including accessories	set	9		
3.29	Install rubber dock fender and accessories	set	9		
3.30	Supply and deliver to site mooring bollard (50 Tons, T-head) including accessories	set	5		
3.31	Install mooring bollards (T-head type) and accessories	set	5		
	TOTAL FOR BILL NO. 3				-

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

BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	4 PORT OPERATIONS BUILDING				
4.01	Supply and install temporary facility prior to construction of POB	sq.m.	225		
4.02	Remove existing building facilities prior to construction of POB	sq.m.	451		
4.03	Remove and dispose existing pavement prior for construction of PTB, and other building facilities	sq.m.	1,175		
4.04	Scraping of existing fill materials for building foundations, drainages, and electrical system	cu.m.	235		
4.05	Excavation and backfilling works for building foundations, drainages, Septic vault & Electrical works	cu.m.	570		
4.06	Supply and deliver to site 400mm x 400mm PSC piles	l.m.	770		
4.07	Handle, pitch and drive 400mm x 400mm PSC piles	l.m.	770		
4.08	Cut/chip and dispose newly driven PSC pile up to required elevation	no.	35		
4.09	Subgrade preparations	sq.m.	1,175		
4.10	Supply and apply soil treatment	sq.m.	1,175		
4.11	Supply, place and compact gravel bedding	cu.m.	107		

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BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
4.12	Supply and place lean concrete	cu.m.	4		
4.13	Supply, spread and compact aggregate sub-base course	cu.m.	853		
4.14	Supply, spread and compact aggregate base course	cu.m.	78		
4.15	Supply & place 4,000 psi. concrete for building structure	cu.m.	485		
4.16	Supply & install steel reinforcement for building structure (Grade 40)	kg.	50,151		
4.17	Supply & install steel reinforcement for building structure (Grade 60)	kg.	46,280		
4.18	Supply and place non-shrink structural grout	sq.m.	18		
4.19	Construct 4,000 psi. concrete slab, stairs and ramp on-fill including reinforcement	sq.m.	881		
4.20	Supply, fabricate and install structural steel materials including accessories, and epoxy anti corrosive paint with zinc phosphate	kg.	204,820		
4.21	Construct 150mm thick CHB wall including reinforcement	sq.m.	1,368		
4.22	Construct 100mm thick CHB wall including reinforcement	sq.m.	528		
4.23	Supply and place plant box and plant pots	lot	1		
4.24	Supply and place 13mm thick cement Plaster finish	sq.m.	3,475		

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ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
4.25	Supply and apply Elastomeric paint (2-coats)	sq.m.	3,443		
4.26	Supply and apply Flat latex paint (2-coats)	sq.m.	397		
4.27	Supply and apply Quick dry enamel paint (2-coats)	sq.m.	178		
4.28	Supply and apply water proofing for toilets, footbaths, stair wells, roof deck and canopies	sq.m.	916		
4.29	Supply and install Aluminum Composite Panels and accessories for wall and ceiling	sq.m.	72		
4.30	Supply and install 4.5mm thk solid polycarbonate roof in standard metal frame	sq.m.	45		
4.31	Supply and install 0.6m x 0.6m Unglazed Ceramic Tile Finish	sq.m.	910		
4.32	Supply and install 0.6m x 0.6m Non-Slip Ceramic Tile Finish	sq.m.	76		
4.33	Supply and install 0.3m x 0.6m Ceramic wall tiles	sq.m.	155		
4.34	Supply and install Tactile Blocks	sq.m.	2		
4.35	Supply and install solid quartz stone countertop	sq.m.	11		
4.36	Supply and place Stair Nosing	l.m.	122		
4.37	Supply and install Aluminum Clip-in Perforated Panel including accessories (1.20 x 0.60 x 0.0007m)	sq.m.	526		

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BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
4.38	Supply and install Aluminum Clip-in Perforated Panel including accessories (0.60 x 0.60 x 0.0007m)	sq.m.	23		
4.39	Supply and install Mineral Fibre Acoustical Lay-in Panel including accessories (0.60 x 0.60 x 0.019m)	sq.m.	22		
4.40	Supply and install 12mm thk. Gypsum board on 0.40mm thk galvanized steel ceiling suspension system at 0.40m O.C. (furring) carrying channel) and suspension rod	sq.m.	390		
4.41	Supply and install Aluminum Rectangular Tubular with Sakayan Festival design concept, Including anchorage, standard framing and other accessories	lot	1		
4.42	Supply, fabricate and install stainless steel and aluminum materials, buffed finish of various sizes including accessories	lot	1		
4.43	Supply and install 12 mm thk. glass curtain wall system	sq.m.	765		
4.44	Supply and install fabricated 1.5 mm thk. Aluminum Framed Doors, windows and glass partition including accessories	lot	1		
4.45	Supply and install fabricated Marine Plywood Finish Flush Doors, and PVC Louver Door including door jambs, hinges, locksets and other accessories	lot	1		
4.46	Supply and install fabricated cold rolled steel emergency exit doors with panic bar lock including jambs and accessories	no.	4		

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BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
4.47	Supply, fabricate and install Phenolic anti-bacterial water proof Toilet partition 12mm thk, including ledge, stainless hinges, lock indicators, bottom support door knobs and coat hooks	lot	1		
4.48	Supply and install toilet and pantry fixtures and accessories	lot	1		
4.49	Supply and install water line pipes and fittings	lot	1		
4.50	Supply and install sewerage pipes and fittings including accessories.	lot	1		
4.51	Supply and install drainage pipes and fittings including accessories	lot	1		
4.52	Construct septic vault including fittings and accessories	no.	1		
4.53	Construct catch basin including accessories	no.	14		
4.54	Construct portland cement concrete pavement (300mm thk.) including reinforcements.	sq.m.	391		
4.55	Supply, deliver and install wires and cables of various sizes	lot	1		
4.56	Supply, deliver and install conduit pipe including fittings of various sizes	lot	1		
4.57	Supply, deliver and install wiring devices	lot	1		

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BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
4.58	Supply, deliver and install protective devices	lot	1		
4.59	Supply, deliver and install lighting fixtures	lot	1		
4.60	Supply, deliver and install lightning protection and accessories	lot	1		
4.61	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		
4.62	Supply, deliver and install airconditioning unit and other apurtenances	lot	1		
4.63	Supply and install ventilation system including accessories	lot	1		
4.64	Construct Pumphouse including apurtenances	lot	1		
4.65	Construct Reinforced Concrete for Duct bank, Handhole, Pedestal post and transformer concrete pad	lot	1		
4.66	Supply and deliver office furnitures and fixtures	lot	1		
4.67	Supply, deliver and install PPA Logo for POB including accessories	lot	1		

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BILL OF QUANTITIES
ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT
Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
4.68	Supply and install fire protection system including testing, commisioning & other accessories	lot	1		
4.69	Supply, deliver and install distribution transformer including accessories, metering, bill deposit and other incidental expenses	lot	1		
4.70	Supply, deliver and install wastewater treatment facility with built-in regulating tank and other accessories	lot	1		
4.71	Supply, deliver and install 100kwp Grid-Tied Solar Power Project including net metering and other accessories	lot	1		
	TOTAL FOR BILL NO. 4				-

Name of Bidder/ Authorized Representative
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BILL OF QUANTITIES

ISABELA PORT IMPROVEMENT AND REHABILITATION PROJECT

Port of Isabela, Isabela City, Basilan

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QTY. (4)	UNIT PRICE (Pesos) (5)	AMOUNT (Pesos) (4) x (5)
BILL NO.	**5 REIMBURSABLE ITEMS**				
5.01	Secure approval of environmental compliance certificate (ECC) including application, clearance and other necessary documentary requirements	lot	1	1,050,000.00	1,050,000.00
	TOTAL FOR BILL NO. 5				**1,050,000.00**

Name of Bidder/ Authorized Representative
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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, DISPOSAL AND EXCAVATION WORKS

Item 2.01 Remove existing fender and turn over to the authority

The quantity to be paid for shall be the actual number of existing fender to be removed and turned over to the authority in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.02 Remove existing mooring bollard and turn over to the authority

The quantity to be paid for shall be the actual number of existing mooring bollard to be removed and turned over to the authority in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.03 Remove and dispose existing RC deck

The quantity to be paid for shall be the actual area in square meter of existing RC deck to be removed, including 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 2.04 Remove and dispose existing mooring / breasting dolphins

The quantity to be paid for shall be the actual number of existing mooring/breasting dolphins to be removed and disposed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.05 Cut and dispose existing PSC Piles up to seabed elevation

The quantity to be paid for shall be the actual number of existing PSC Piles to be cut up to seabed elevation, including 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 2.06 Excavation of existing seabed up to required elevation

The quantity to be paid for shall be the actual volume in cubic meter of existing seabed to be excavated up to required elevation in accordance with the plans and specifications and accepted by 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
PORT OPERATIONAL AREA

Item 3.01 Supply and deliver to site 1,200mm dia. tubular steel pipe sheet piles including connectors

The quantity to be paid for shall be the actual weight in metric ton of 1,200mm dia. Tubular steel pipe sheet piles including 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 3.02 Handle, pitch and drive steel pipe piles and connectors

The quantity to be paid for shall be the actual length in linear meter of steel pipe piles and connectors to be handled, pitched and driven in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.03 Supply and Install steel waling and splice plate for the steel sheet piles

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

Item 3.04 Application of polyurethane external coating and mastic filler 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 polyurethane external coating and mastic filler for steel pipe piles (Polyurethane: 1,500 microns dry film thickness or equivalent) to be applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.05 Supply, fabricate and install reinforcing cylinder band for steel pipe piles

The quantity to be paid for shall be the actual number of reinforcing cylinder band for steel pipe piles to be supplied, fabricated and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.06 Extraction of clogged and unsuitable materials inside the steel pipe piles

The quantity to be paid for shall be the actual volume in cubic meter of clogged and unsuitable materials to be extracted inside the steel pipe piles in accordance with the plans and specifications and accepted by the 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 filler for steel pipe piles

The quantity to be paid for shall be the actual volume in cubic meter of sand filler 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 3.08 Supply and install reinforcing steel cage for steel pipe piles

The quantity to be paid for shall be the actual weight in kilogram of reinforcing steel cage 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 3.09 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 3.10 Supply and deliver to site 400mm x 400mm PSC anchor piles

The quantity to be paid for shall be the actual length in linear meter of 400mm x 400mm PSC anchor piles to be supplied and delivered to site in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.11 Handle, pitch and drive 400mm x 400mm PSC anchor piles

The quantity to be paid for shall be the actual length in linear meter of 400mm x 400mm PSC anchor piles to be handled, pitched and driven in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.12 Chip/cut & dispose portion of newly driven PSC anchor piles

The quantity to be paid for shall be the actual number of portion of newly driven PSC anchor piles to be chipped/cut, including 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 3.13 Supply and place 3,500 psi concrete for the anchor wall, anchor pile wall, retaining wall, RC curb, drainage outfall, and electrical works

The quantity to be paid for shall be the actual volume in cubic meter of 3,500 psi concrete for the anchor wall, anchor pile wall, retaining wall, RC curb, drainage outfall, and for electrical works to be supplied and set-in-place in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.14 Supply and install steel reinforcement for the anchor wall, anchor pile wall, retaining wall, rc curb, drainage outfall, and electrical works

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement for the anchor wall, anchor pile wall, retaining wall, RC curb, drainage outfall, and for electrical works to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.15 Supply and 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 3.16 Supply and place 50-100 kg. Core rocks

The quantity to be paid for shall be the actual volume in cubic meter of 50-100 kg. core rocks, supplied and set-in-place in accordance with the plans and specifications and accepted by the Engineer. Hydrographic/Topographic Surveys before and after placing of core rocks shall be made to determine the actual elevations along the cross sections and the actual quantities for payment. Volume due to settlement as established using settlement plates shall also be considered for payment. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.17 Supply and place leveling rocks

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

Item 3.18 Supply and install Concrete blocks including lifting handle:
a.) Concrete block no. 1
b.) Concrete block no. 2
c.) Concrete block no. 3

The quantity to be paid for shall be the actual number of concrete blocks of various sizes including lifting handle 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 3.19 Supply and place concrete in jute bag

The quantity to be paid for shall be the actual volume in cubic meter of concrete in jute bag 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 3.20 Supply and install tie-rod of various sizes including accessories
a.) 55mm Ø x 18.00m
b.) 32mm Ø x 19.00m
c.) 32mm Ø x 11.50m

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

Item 3.21 Supply and install Geotextile Fabric

The quantity to be paid for shall be the actual area in square meter of geotextile filter fabric 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 3.22 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-placed 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 3.23 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. Hydrographic/Topographic Surveys before and after placing of aggregate subbase course 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 3.24 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 3.25 Construct portland cement concrete pavement (300mm thk) 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 (300 mm thk) including dowel bars and construction joints to be constructed in accordance with the plans and specifications and accepted by the

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

Item 3.26 Construct catch drain manhole including accessories

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

Item 3.27 Supply and lay 600mm dia. reinforced concrete pipe including accessories

The quantity to be paid for shall be the actual length in linear meter of 600mm dia. Reinforced concrete pipe including accessories, to be supplied and laid-in-place in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.28 Supply and deliver to site rubber dock fender (V-type, 500H x 2,000L)

The quantity to be paid for shall be the actual set of rubber dock fender (V-type, 500H x 2,000L) 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 3.29 Install rubber dock fender and accessories

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

Item 3.30 Supply and deliver to site mooring bollard (50 Tons, T-head) including accessories

The quantity to be paid for shall be the actual set of mooring bollard (50 Tons, T-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 3.31 Install mooring bollards (T-head type) and accessories

The quantity to be paid for shall be the actual set of mooring bollards (T-head type) 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.

BILL NO. 4
PORT OPERATIONS BUILDING

Item 4.01 Supply and install temporary facility prior to construction of POB

The quantity to be paid for shall be the actual area in square meter of temporary facility to be supplied and installed prior to construction of Port Operations Building (POB) in accordance with the plans and specifications and accepted by the 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 Remove existing building facilities prior to construction of POB

The quantity to be paid for shall be the actual area in square meter of existing building facilities to be removed prior to construction of Port Operations Building (POB) in accordance with the plans and specifications and accepted by the 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 Remove and dispose existing pavement prior for construction of PTB, and other building facilities

The quantity to be paid for shall be the actual area in square meter of existing pavement to be removed prior for construction of PTB and other building facilities, including 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 4.04 Scraping of existing fill materials for building foundations, drainages, and electrical system

The quantity to be paid for shall be the actual volume in cubic meter of existing fill materials for building foundations, drainages, and electrical system to be scrapped in accordance with the plans and specifications and accepted by the 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 Excavation and backfilling works for building foundations, drainages, Septic vault & Electrical works

The quantity to be paid for shall be the actual volume in cubic meter of building foundations, drainages, septic vault and electrical system to be excavated, including backfilling works thereinafter in accordance with the plans and specifications and accepted by the 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 deliver to site 400mm x 400mm PSC piles

The quantity to be paid for shall be the actual length in linear meter of 400mm x 400mm 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 4.07 Handle, pitch and drive 400mm x 400mm PSC piles

The quantity to be paid for shall be the actual length in linear meter of 400mm x 400mm 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 4.08 Cut/chip and dispose newly driven PSC pile up to required elevation

The quantity to be paid for shall be the actual number of portion of newly driven PSC piles to be cut/chipped up to required elevation, including 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 4.09 Subgrade preparations

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

Item 4.10 Supply and apply 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 4.11 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 4.12 Supply and place lean concrete

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

Item 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. Hydrographic/Topographic Surveys before and after placing of aggregate subbase course 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 4.14 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 & place 4,000 psi. concrete for building structure

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

Item 4.16 Supply & install steel reinforcement for building structure (Grade 40)

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement for building structure (Grade 40) 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 4.17 Supply & install steel reinforcement for building structure (Grade 60)

The quantity to be paid for shall be the actual weight in kilogram of steel reinforcement for building structure (Grade 60) 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 4.18 Supply and place non-shrink structural grout

The quantity to be paid for shall be the actual area in square meter of non-shrink structural grout 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 4.19 Construct 4,000 psi. concrete slab, stairs and ramp on-fill including reinforcement

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

Item 4.20 Supply, fabricate and install structural steel materials including accessories, and epoxy anti corrosive paint with zinc phosphate

The quantity to be paid for shall be the actual weight in kilogram of structural steel materials and accessories to be supplied, fabricated and installed, including application of epoxy anti corrosive paint with zinc phosphate in accordance with the

plans and specifications and accepted by the 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 Construct 150mm thick CHB wall including reinforcement

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

Item 4.22 Construct 100mm thick CHB wall including reinforcement

The quantity to be paid for shall be the actual area in square meter of 100mm thick CHB wall including reinforcement to be constructed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.23 Supply and place plant box and plant pots

The quantity to be paid for shall be the actual lot of plant box and plant pots 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 4.24 Supply and place 13mm thick cement Plaster finish

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

Item 4.25 Supply and apply Elastomeric paint (2-coats)

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

Item 4.26 Supply and apply Flat latex paint (2-coats)

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

Item 4.27 Supply and apply Quick dry enamel paint (2-coats)

The quantity to be paid for shall be the actual area in square meter of Quick dry enamel (2-coats) to be supplied and applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full

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

Item 4.28 Supply and apply water proofing for toilets, footbaths, stair wells, roof deck and canopies

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

Item 4.29 Supply and install Aluminum Composite Panels and accessories for wall and ceiling

The quantity to be paid for shall be the actual area in square meter of Aluminum Composite Panels and accessories for wall and 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 4.30 Supply and install 4.5mm thk solid polycarbonate roof in standard metal frame

The quantity to be paid for shall be the actual area in square meter of 4.5mm thk solid polycarbonate roof in standard metal frame 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 4.31 Supply and install 0.6m x 0.6m Unglazed Ceramic Tile Finish

The quantity to be paid for shall be the actual area in square meter of 0.6m x 0.6m Unglazed Ceramic Tile Finish 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 4.32 Supply and install 0.6m x 0.6m Non-Slip Ceramic Tile Finish

The quantity to be paid for shall be the actual area in square meter of 0.6m x 0.6m Non-slip Ceramic Tile Finish 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 4.33 Supply and install 0.3m x 0.6m Ceramic wall tiles

The quantity to be paid for shall be the actual area in square meter of 0.3m x 0.6m 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 4.34 Supply and install Tactile Blocks

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

Item 4.35 Supply and install solid quartz stone countertop

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

Item 4.36 Supply and place Stair Nosing

The quantity to be paid for shall be the length in linear meter of Stair nosing 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 4.37 Supply and install Aluminum Clip-in Perforated Panel including accessories (1.20 x 0.60 x 0.0007m)

The quantity to be paid for shall be the actual area in square meter of Aluminum Clip-in Perforated panel (1.20 x 0.60 x 0.0007m), 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 4.38 Supply and install Aluminum Clip-in Perforated Panel including accessories (0.60 x 0.60 x 0.0007m)

The quantity to be paid for shall be the actual area in square meter of Aluminum Clip-in Perforated Panel (0.60 x 0.60 x 0.0007m), 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 4.39 Supply and install Mineral Fibre Acoustical Lay-in Panel including accessories (0.60 x 0.60 x 0.019m)

The quantity to be paid for shall be the actual area in square meter of Mineral Fibre Acoustical Lay-in Panel (0.60 x 0.60 x 0.019m), 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 4.40 Supply and install 12mm thk. Gypsum board on 0.40mm thk galvanized steel ceiling suspension system at 0.40m O.C. (furring) carrying channel) and suspension rod

The quantity to be paid for shall be the actual area in square meter of 12mm thk. Gypsum board on 0.40mm thk galvanized steel ceiling suspension system at 0.40m O.C. (furring) carrying channel) and suspension rod 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 4.41 Supply and install Aluminum Rectangular Tubular with Sakayan Festival design concept, including anchorage, standard framing and other accessories

The quantity to be paid for shall be the actual lot of Aluminum Rectangular Tubular with Sakayan Festival design concept, including anchorage, standard framing and other accessories to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.42 Supply, fabricate and install stainless steel and aluminum materials, buffed finish of various sizes including accessories

The quantity to be paid for shall be the actual lot of stainless steel and aluminum materials, buffed finish of various sizes 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 4.43 Supply and install 12 mm thk. glass curtain wall system

The quantity to be paid for shall be the actual area in square meter of 12mm thk. glass curtain wall system to be supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.44 Supply and install fabricated 1.5 mm thk. Aluminum Framed Doors, windows and glass partition including accessories

The quantity to be paid for shall be the actual lot of fabricated 1.5 mm thk. Aluminum Framed Doors, windows and glass partition 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 4.45 Supply and install fabricated Marine Plywood Finish Flush Doors, and PVC Louver Door including door jambs, hinges, locksets and other accessories

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

Item 4.46 Supply and install fabricated cold rolled steel emergency exit doors with panic bar lock including jambs and accessories

The quantity to be paid for shall be the actual number of fabricated cold rolled steel emergency exit doors with panic bar lock including jambs and accessories to be supplied and installed in accordance with the plans and specifications and accepted by

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

Item 4.47 Supply, fabricate and install Phenolic anti-bacterial waterproof Toilet partition 12mm thk, including ledge, stainless hinges, lock indicators, bottom support door knobs and coat hooks

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

Item 4.48 Supply and install toilet and pantry fixtures and accessories

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

Item 4.49 Supply and install water line pipes and fittings

The quantity to be paid for shall be the actual lot water line pipes and fittings 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 4.50 Supply and install sewerage pipes and fittings including accessories

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

Item 4.51 Supply and install drainage pipes and fittings including accessories

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

Item 4.52 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 4.53 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 4.54 Construct portland cement concrete pavement (300mm thk.) including reinforcements

The quantity to be paid for shall be the actual area in square meter of portland cement concrete pavement (300mm thk.) 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 4.55 Supply, deliver and install wires and cables of various sizes

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

Item 4.56 Supply, deliver and install conduit pipe including fittings of various sizes

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

Item 4.57 Supply, deliver and install wiring devices

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

Item 4.58 Supply, deliver and install protective devices

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

Item 4.59 Supply, deliver and install lighting fixtures

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

Item 4.60 Supply, deliver and install lightning protection and accessories

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

Item 4.61 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 auxiliary system to be supplied, delivered and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.62 Supply, deliver and install air-conditioning unit and other appurtenances

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

Item 4.63 Supply and install ventilation system including accessories

The quantity to be paid for shall be the actual lot of ventilation system 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 4.64 Construct Pumphouse including appurtenances

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

Item 4.65 Construct Reinforced Concrete for Duct bank, Handhole, Pedestal post and transformer concrete pad

The quantity to be paid for shall be the actual lot of reinforced concrete for duct bank, handhole, pedestal post and transformer concrete pad 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 4.66 Supply and deliver office furnitures and fixtures

The quantity to be paid for shall be the actual lot of office furnitures and fixtures to be supplied and delivered in accordance with the plans and specifications and accepted

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

Item 4.67 Supply, deliver and install PPA Logo for POB including accessories

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

Item 4.68 Supply and install fire protection system including testing, commissioning & other accessories

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

Item 4.69 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 distribution transformer including accessories, metering, bill deposit and other incidental expenses to be supplied, delivered and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.70 Supply, deliver and install wastewater treatment facility with built-in regulating tank and other accessories

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

Item 4.71 Supply, deliver and install 100kwp Grid-Tied Solar Power Project including net metering and other accessories

The quantity to be paid for shall be the actual lot of 100kwp Grid-Tied Solar Power Project including net metering and other accessories to be supplied, delivered and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

BILL NO. 5
REIMBURSABLE ITEMS

Item 5.01 **Secure approval of environmental compliance certificate (ECC) including application, clearance and other necessary documentary requirements**

Payment for the aforementioned items will be made upon the successful securement of the approved ECC and, if necessary, the Area Clearance for the Isabela Port Improvement and Rehabilitation Project located at the Port of Isabela, Isabela City, Basilan. These approvals will be issued by the concerned Department of Environment and Natural Resources (DENR).

The contract's lump sum price will serve as full compensation to the Contractor, who is responsible for all activities related to securing the ECC and Area Clearance, whether carried out in-house or through a commissioned consultant. Claims for payment must be accompanied by invoice and/or other supporting documents (e.g., a notarized certificate of completion). The total amount payable shall not exceed the contract's lump sum price.

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.

Secure Approval of Environmental Compliance Certificate (ECC) Application and Area Clearance (If Necessary)

The Contractor shall be responsible for facilitating the securement of the Environmental Compliance Certificate (ECC) and, if necessary, the Area Clearance prior to the commencement of the project. This process may be carried out through either in-house resources or a commissioned consultant. The Contractor's responsibilities include, but are not limited to:

A. Preparation of the Environmental Impact Assessment (EIA) Report

The Contractor shall prepare the EIA Report in compliance with all applicable laws, policies, and guidelines set forth by the Department of Environment and Natural Resources (DENR).

B. Submission of Required Documents

The Contractor shall submit all necessary documentation to the appropriate DENR Regional Office and coordinate with other government agencies to acquire the ECC and Area Clearance. This includes obtaining any additional clearances or permits that may be required.

C. Technical Expertise

The Contractor shall provide technical expertise throughout the processing of the ECC and Area Clearance applications until the approvals are granted.

D. Facilitation of Related Activities

The Contractor shall facilitate any other activities or undertakings associated with obtaining the necessary approvals.

During the initial stages of the ECC application, the Contractor may seek assistance from the concerned Port Management Office (PMO) for tasks such as identifying necessary documents and navigating the initial application submission process.

MINIMUM MAJOR EQUIPMENT REQUIREMENTS

1	unit/s	Air Compressor (250 cfm, minimum), owned
1	unit/s	Backhoe (0.40 cu.m., 94.30hp, minimum), owned
1	unit/s	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
2	unit/s	Concrete Vibrator (3.5 hp, minimum), owned
1	unit/s	Crane Barge (319 GW, minimum) with 60T crane, owned
1	unit/s	Crawler Crane (30T, minimum), owned/leased
1	unit/s	Crawler Crane (20T, minimum), owned/leased
1	unit/s	Pile Hammer (Diesel, 3,700 kg.m. min. - 7,500 kg.m. max or hydraulic equivalent), owned/leased
2	unit/s	Diving equipment (complete), owned/leased
1	unit/s	Drop Hammer (2T, minimum), owned
1	unit/s	Dump Truck (10T, net capacity, minimum), owned
2	unit/s	Bar Bender (electric, 25mm dia min.), owned
2	unit/s	Bar Cutter (electric, 25mm dia min.), owned
2	unit/s	Jackhammer, owned
1	unit/s	Jackhammer (U/W), owned/leased
2	unit/s	Oxy/Acetylene cutting outfit, owned
1	unit/s	Payloader (80 hp, minimum), owned
1	unit/s	Plate Compactor (5 hp, minimum), owned
1	unit/s	Road Grader (125 hp, minimum), owned/leased
1	unit/s	Road Roller (10T, vibratory, minimum), owned/leased
2	unit/s	Transit Mixer (6 cu.m. cap., minimum), owned/leased
1	unit/s	Tugboat (500hp, minimum), owned/leased
1	unit/s	U/W cutting equipment, owned/leased
1	unit/s	Water Truck with pump (1,000 gal., minimum), owned
2	unit/s	Welding Machine (400 amp., minimum), owned
1	unit/s	Cargo Truck (2T, minimum) , owned
1	unit/s	Concrete breaker (Backhoe 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	pcs.	Hard Hats
63	pairs	Gloves (rubberized)
63	pcs.	Safety Glasses/Goggles (clear)
126	pcs.	Long sleeve T-shirt
6	pcs.	Aprons
63	pairs	Safety Shoes

Safety Devices

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

Medical and First Aid System - Twenty-four (24) 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 properbes	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 Mill Certificate	One per batch One per batch
Sand and Gravel Fill	Quality Test for Organic Impurities and Grading	For every 1,500 cubic meter or fraction thereof
Selected Fill	Quality Test for Grading, Plasticity and Laboratory Compaction Test Laboratory California Bearing Ratio (CBR) Field Density Test	For every 1,500 cubic meter or fraction thereof For every 2,500 cubic meter or fraction thereof For every layer of 150mm of compacted depth at least one group of three in-situ density test for every 500 sq m or fraction thereof
Aggregate Base Course	Quality Test for Grading and Plasticity Quality Test for Grading, Plasticity, Abrasion and Laboratory Compaction Test Laboratory California Bearing Ratio (CBR) Field Density Test	For every 300 cubic meter or fraction thereof For every 1,500 cubic meter or fraction thereof Same frequency as Selected Fill Same frequency as Selected Fill
Portland Cement Concrete Pavement (PCCP)		
A Portland Cement	Same test as for SC (A)	Same frequency as SC (A)
B Fine Aggregate	Same test as for SC (B)	Same frequency as SC (B)
C Coarse Aggregate	Same test as for SC (C)	Same frequency as SC (C)
D Water	Same test as for SC (D)	Same frequency as SC (D)
E Steel Bars (Dowels)	Same test as for SC (E)	Same frequency as SC (E)
F Joint Filler	Quality Test	One (1) per shipment

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

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

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

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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	Physical Test (Dimensions and Coatings)	One per Batch
B Concrete Post	Refer to Superstructure (SC)	Refer to Superstructure (SC)
Lamp Post A Structural Steel	Physical Test (Dimensions) Same test as for SC (E)	All units
B Zinc (Hot Dip Galvanizing) Coatings	Same test as for CJ (C)	One per batch
Drainage Steel Grating	Same test as for SC (E) Inspection Report	One (1) batch
Metal Pipe (Cast Iron Galvanized, etc)	Physical Test (Dimensions and Coatings)	1 per delivery
Welding Works	Destructive and Non Destructive Test	One (1) per lot

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

Approved

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

SECTION IX

CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

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

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

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

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

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

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

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

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

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

Financial Documents

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

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

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

☐ (m) Cash Flow by Quarter.

SECTION X

BIDDING FORM

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____
Project Identification No. : _____

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

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

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: **Isabela Port Improvement and Rehabilitation Project, Port of Isabela, Isabela City, Basilan**;

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

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

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

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

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

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

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

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

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

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

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

k. We likewise certify/confirm that the undersigned, is the duly authorized representative of the bidder, and granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for the **Isabela Port Improvement and Rehabilitation Project, Port of Isabela, Isabela City, Basilan** of the **Philippine Ports Authority**.

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

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

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

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

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

NOTE:

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

This Statement shall be supported by:

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

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

Revised: September 2021

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

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

NOTE :

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

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

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

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

Revised: September 2021

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

Major Categories of Work 1]	Unit of Measure 1]	Quantity 1]	SLCC similar to the contract to be bid 2]	Other completed contracts similar to the contract to be bid 2]			Unit of Measure 2]	Quantity 2]
			Name of the contract	Name of the contract	Name of the contract	Name of the contract		
1. Pile Driving works	l.m.	2,045						
2. Reinforced Concrete works	cu.m.	903						
3. Rockworks (50-100 kg/pc.)	cu.m.	4,986						
4. Placing of fill materials	cu.m.	7,792						
5. Construction of Portland cement concrete pavement	sq.m.	784						
6. Construction of Port Operations Building	sq.m.	813						

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

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

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

Revised: September 2021

FINANCIAL DATA

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

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

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

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

NFCC = _____

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

_____
Name of Firm/Applicant

_____
Authorized Signing Official

Date:_____

NOTES:

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

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

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

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

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

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

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

Name of Firm

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

Date

Revised: September 2021

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

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

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

NOTE:

1] The unit of capacity of the pledged equipment shall be as indicated in the Proof of Ownership, i.e. GW (for crane barge), DWT (for deck barge and hopper barge), Ton (for crane, road roller and drop hammer), kg.-m/blow (for diesel hammer), cu.m. (for dump truck), hp (for tugboat, road grader, bulldozer and concrete vibrator), cfm (for compressor), gal (for water truck with pump), amp (for welding machine), bagger (for concrete mixer). If the capacity of the pledged equipment is not indicated in the Proof of Ownership/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: August 2024

Omnibus Sworn Statement for Sole Proprietorship

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

2. As the owner and sole proprietor, or authorized representative of _____, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for **Isabela Port Improvement and Rehabilitation Project, Port of Isabela, Isabela City, Basilan**, as shown in the attached duly notarized Special Power of Attorney;

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

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

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

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

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

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

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

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

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

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

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

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

Omnibus Sworn Statement for Partnership or Cooperative

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Omnibus Sworn Statement for Corporation or Joint Venture

[shall be submitted with the Bid]

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

AFFIDAVIT

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Bid Securing Declaration Form

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

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

BID SECURING DECLARATION
Project Identification No.: _____

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

I/We, the undersigned, declare that:

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

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

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

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

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

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

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

CONSTRUCTION METHODOLOGY

Name of Project : _____

Project Description : _____

Location : _____

MINIMUM SCOPE OF CONSTRUCTION METHODOLOGY

A. REMOVAL, DISPOSAL AND EXCAVATION WORKS

1. Remove existing fender and turn over to the authority (4 no.)
2. Remove existing mooring bollard and turn over to the authority (8 no.)
3. Remove and dispose existing RC deck (780 sq.m.)
4. Remove and dispose existing mooring / breasting dolphins (3 no.)
5. Cut and dispose existing PSC Piles up to seabed elevation (121 no.)
6. Excavation of existing seabed up to required elevation (6,066 cu.m.)

B. PORT OPERATIONAL AREA

1. Supply and deliver to site 1,200mm dia. tubular steel pipe sheet piles including connectors (927 m.t.)
2. Application of polyurethane external coating for steel pipe sheet piles (Polyurethane @ 1,500 microns dry film thickness or equivalent) (4,411 sq.m.)
3. Handle, pitch and drive steel pipe sheet piles (2,160 l.m.)
4. Supply and install steel channel/wale, dowel bars, steel plates, bolts and other accessories/incidentals for steel waling (9,000 kg.)
5. Supply, fabricate and install reinforcing cylinder band for steel pipe piles (90 no.)
6. Extraction of clogged materials inside the steel pipe sheet piles (874 cu.m.)
7. Supply and place sand fill for steel pipe piles (291 cu.m.)
8. Supply and place 3,500 psi concrete filler for steel pipe sheet piles (1,262 cu.m.)
9. Supply and install steel cage bar for steel pipe sheet piles (110,960 kg.)
10. Supply, deliver and drive 450mm x 450mm PSC anchor piles (1,160 l.m.) and chipping/cutting of PSC pile up to required elevation (58 no.)
11. Supply and place 3,500 psi. concrete for anchor wall, anchor pile wall, retaining wall, rc curb, drainage outfall, and electrical works (453 cu.m.)
12. Supply and install steel reinforcement for anchor wall, anchor pile wall, retaining wall, rc curb, drainage outfall, and electrical works (31,108 kg.)
13. Supply and place of gravel bedding (5 cu.m.)
14. Supply and place of 50 to 100 kg. core rocks (9,971 cu.m.)
15. Supply and place leveling rocks (1 cu.m.) and concrete blocks (4 no.)
16. Supply and place concrete in jute bag (28 cu.m.)
17. Supply and install tie-rod (steel 45) of various sizes, including accessories (68 set)
18. Supply and install geotextile filter fabric, (2,343 sq.m.), supply and place sand and gravel fill, (12,821 cu.m.) and supply, place and compact aggregate sub-base course (2,762 cu.m.)
19. Construct portland cement concrete pavement (300mm thk) including dowel bars and construction joints (1,567 sq.m.) and supply, spread and compact aggregate base course (309 cu.m.)
20. Construct catch drain manhole including installation of hot-dipped galv. angle bar 200mm x 200mm x 12mm (6 set), supply and install reinforced concrete pipe culvert (RCP) Ø 600mm (82 l.m.)
21. Supply, deliver and install rubber dock fender (V-type, 500H x 2000L) including accessories (9 set) and 50T mooring bollard, T-head, including accessories (5 set)

C. PORT OPERATIONS BUILDING

1. Construction of a temporary facility (255 sq.m.)
2. Removal, disposal and excavation/backfilling works
3. Construction of 2-storey Port Operations Building, complete with architectural finishes, electrical, mechanical, water and waste treatment facility, etc. (1,639.50 sq.m., 330 pax)
4. Supply, delivery and installation of distribution transformer and accessories
5. Supply and installation of solar panel and accessories

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	23	24
Project Manager																								
Project Engineer																								
Project Architect																								
Materials Engineer II																								
Construction Safety and Health Officer																								
Foreman																								
Specify other applicable positions, ie.:																								
- Carpenter																								
- Steelman																								
- Mason																								
- Electrician																								
- Rigger																								
- Others																								

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

Revised: September 2021

EQUIPMENT UTILIZATION SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

EQUIPMENT (Minimum)	No. of Units	CONTRACT DURATION (_____ Calendar Days)																							
		MONTHLY																							
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

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)

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

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

CONTRACT AGREEMENT

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

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

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

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

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

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

   c. Performance Security;

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

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

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

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

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

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

Acknowledgment

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