BILL OF QUANTITIES

REHABILITATION AND EXPANSION OF PTB ROXAS
Port of Roxas, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos)(5)	AMOUNT (Pesos)(4x5)
Bill No. 4.09	Construction of R.C. catch basin including installation of storm drainage Pipe & downspout	set	4.00		P
Bill No. 4.10	Supply and Install Tile Finishes	sq.m	132.78		
Bill No. 4.11	Supply and Install Doors, Windows and Divider/Partitions	lot	1.00		
Bill No. 4.12	Plumbing Works: Supply & Install Plumbing Fixtures & Stainless Railing for Ramp complete w/ fittings and accessories	lot	1.00		
Bill No. 4.13	Supply and Install of Lightings and Electrical Fixtures	lot	1.00		
Bill No. 4.14	Supply and Apply Paint for Concrete and Masonry Surfaces	sq.m	132.55		
Bill No. 4.15	Septic Tank	lot	1.00		
	TOTAL AMOUNT FOR BILL NO. 4				

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

BILL OF QUANTITIES

REHABILITATION AND EXPANSION OF PTB ROXAS

Port of Roxas, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos)(5)	AMOUNT (Pesos)(4x5)
BILL NO. 5	**TEMPORARY PASSENGER TERMINAL**				
Bill No. 5.01	Clearing, Supply and Install Steel Structure Passenger Shed, Temporary Electrical Wirings, outlets and fixtures	lot	1.00		P
	TOTAL AMOUNT FOR BILL NO. 5				

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

BILL OF QUANTITIES

REHABILITATION AND EXPANSION OF PTB ROXAS
Port of Roxas, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos)(5)	AMOUNT (Pesos)(4x5)
BILL NO. 6	**TEMPORARY PORT OPERATIONAL BUILDING**				
Bill No. 6.01	Clearing, Removal and Disposal of Uneccesary objects	lot	1.00		P
Bill No. 6.02	Supply and Install Ceiling board and frame	sq.m	96.00		
Bill No. 6.03	Supply and Apply paint for concrete, steel, roofing and ceiling boards	sq.m	555.12		
Bill No. 6.04	Supply and install floor and wall finishes/tiles of various types and sizes	lot	1.00		
Bill No. 6.05	Supply and Install Doors and Windows with hinges and locksets	lot	1.00		
Bill No. 6.06	Supply and install water line pipes and fittings including accessories.	lot	1.00		
Bill No. 6.07	Supply and install sewerage pipes and fittings including accessories.	lot	1.00		

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

BILL OF QUANTITIES

REHABILITATION AND EXPANSION OF PTB ROXAS
Port of Roxas, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos)(5)	AMOUNT (Pesos)(4x5)
Bill No. 6.08	Supply, deliver and install wires and cables of various sizes	lot	1.00		P
Bill No. 6.09	Supply, deliver and install conduit pipe including fittings of various sizes	lot	1.00		
Bill No. 6.10	Supply, deliver and install wiring devices	lot	1.00		
Bill No. 6.11	Supply, deliver and install lighting fixtures	lot	1.00		
Bill No. 6.12	Supply and Install Plumbing fixtures	lot	1.00		
Bill No. 6.13	Supply and Install Gutter including downspout	lot	1.00		
Bill No. 6.14	Supply and Install Kitchen top and cabinet	lot	1.00		
	TOTAL AMOUNT FOR BILL NO. 6				

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

BILL OF QUANTITIES

REHABILITATION AND EXPANSION OF PTB ROXAS
Port of Roxas, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos)(5)	AMOUNT (Pesos)(4x5)
BILL NO. 7	**REIMBURSABLE ITEMS**				
Bill No. 7.01	Provide reimbursable items necessary in the implementation of the project as determined by the Authority				P
a)	Office furnitures and appliances	lot	1.00		
b)	Computers and Accessories	lot	1.00		
	TOTAL AMOUNT FOR BILL NO. 7				

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

BILL OF QUANTITIES

REHABILITATION AND EXPANSION OF PTB ROXAS
Port of Roxas, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos)(5)	AMOUNT (Pesos)(4x5)
Bill No. 8	**CONSTRUCTION OF PUMPHOUSE**				
Bill No. 8.01	Demolition / Disposal of Concrete Pavement for the New Underground Domestic Water Tank and Fire Tank as shown in Plan	lot	1.00		P
Bill No. 8.02	Excavation Works for New Underground Domestic Water Tank and Fire Tank including Gravel Bedding	cu.m	172.72		
Bill No. 8.03	Supply and Place 3500 psi Concrete for Underground Domestic Water Tank and Fire Tank	cu.m	55.82		
Bill No. 8.04	Supply and Place Reinforcing Steel Bars for Concreting Works of Underground Domestic Water Tank and Fire Tank	kg	11,111.80		
Bill No. 8.05	Supply and Place 3500 psi Concrete for Column, Beam and Slab of Domestic Water Pump and Fire Pump Room	cu.m	7.09		
Bill No. 8.06	Supply and Place Reinforcing Steel Bars for Concreting Works of Domestic Water Pump and Fire Pump Room	kg	2,387.64		
Bill No. 8.07	Supply and Place 4" CHB Wall including Masonry and Plastering Works	lot	1.00		

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

BILL OF QUANTITIES

REHABILITATION AND EXPANSION OF PTB ROXAS
Port of Roxas, Oriental Mindoro

NO. (1)	DESCRIPTION OF WORK (2)	UNIT (3)	QUANTITY (4)	UNIT PRICE (Pesos)(5)	AMOUNT (Pesos)(4x5)
Bill No. 8.08	Supply and Install 600 x 600 mm Unglazed Ceramic Tiles	lot	1.00		P
Bill No. 8.09	Supply and Apply Paint and Waterproofing of Slab Including Surface Preparation	lot	1.00		
Bill No. 8.10	Supply and Install Electrical Fixtures	lot	1.00		
Bill No. 8.11	Supply and Install Doors and Windows	lot	1.00		
	TOTAL AMOUNT FOR BILL NO. 8				

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

BASIS OF PAYMENT FOR WORK ITEMS INCLUDED IN THE PROPOSAL

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

BILL NO. 1

GENERAL EXPENSES

Item 1.01 Mobilization, Demobilization and Cleaning, Permits and Clearances

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 Permits and Clearances 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 the entire 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 including issuance of permits and clearances 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 duration of the project and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 1.03 Rental of temporary site office and residence for the Engineer and staff

The quantity to be paid for shall be the actual consumption of the utilized electric, water, load allowance and cleaning materials and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 1.04 Provide Construction Safety and Health Program

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

DEMOLITION, REMOVAL AND RESTORATION WORKS

Item 2.01 Demolish and Dispose Portion of Existing PTB-1 and PTB-2 and Turning Over of Recovered Materials with Value to PPA Authority

The quantity to be paid for shall be the actual quantity in cubic meter of removal disposal and hand over recovered materials of ground floor walls, second floor walls, plant boxes, parapet, slab and stairs in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.02 Demolish and Dispose Portion of Baggage Xray Housing, Covered Walk and Guard House

The quantity to be paid for shall be the actual quantity in lot of portion of baggage x-ray housing, covered walk and guard house in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.03 Remove Existing Doors and Windows

The quantity to be paid for shall be the actual quantity in set of existing doors and windows with the plans and specifications and accepted by the 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 existing Gang Chairs and Accessories

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

Item 2.05 Remove existing X-ray Machine and accessories

The quantity to be paid for shall be the actual quantity in set of existing x-ray machine and accessories to be removed and handover in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.06 Remove, Chip Off and Dispose Existing Floor Tiles

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

Item 2.07 Remove Existing Ceilings and Accessories

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

Item 2.08 Remove/ Dismantle Existing Plumbing Fixtures and Accessories

The quantity to be paid for shall be the actual quantity in set of water closet, urinal, lavatory, kitchen sink, shower, floor drain and slop sink including accessories to be removed and handover in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 2.09 Remove and Dispose Existing Concrete Pavement

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

Item 2.10 Scraping of Existing Gravel Materials

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

Item 2.11 Restoration of Newly Demolished Concrete Pavement

The quantity to be paid for shall be the actual quantity in cubic meter of concrete pavement 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 2.12 Remove Existing Electrical Materials and Accessories

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

Item 2.13 Remove/Dismantle of Existing Roof

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

Item 2.14 Construct Temporary X-ray Storage

The quantity to be paid for shall be the actual quantity in lot of temporary x-ray storage 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 2.15 Remove Existing Stair Handrails and Grab Rails

The quantity to be paid for shall be the actual quantity in lot of existing stair handrails and grab rails to be removed and handover in accordance with the plans and specifications and accepted by 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

REHABILITATION AND EXPANSION OF PTB

Item 3.01 Excavation and Backfilling Works including Disposal of Unsuitable Items

The quantity to be paid for shall be the actual quantity in cubic meter of excavation and backfilling of suitable materials including disposal of unsuitable items in accordance with the plans and specifications and accepted by the 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 Subgrade Preparation

The quantity to be paid for shall be the actual volume in cubic meters of subgrade preparation in accordance with the plans and specifications and accepted by the 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 Deliver to Site 450mm x 450mm PSC Piles

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

Item 3.04 Handle, Pitch and Drive 450mm x 450mm PSC Piles

The quantity to be paid for shall be the actual quantity in linear meter of Pre-stressed 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 3.05 Cut/Chip and Dispose Newly Driven PSC piles up to required elevation

The quantity to be paid for shall be the actual quantity in pieces of driven piles to be cut off 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 3.06 Supply and Apply Soil Treatment

The quantity to be paid for shall be the actual area in square meter of ground area to be treated in accordance with the plans and specifications and accepted by the 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, Place, and Compact Gravel Bedding for Building Foundation and Pile Cap

The quantity to be paid for shall be the actual quantity in cubic meter of gravel bedding for foundation and pile cap 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 3.08 Supply, Place and Compact Selected Fill for Laying of Slab on Grade

The quantity to be paid for shall be the actual quantity in cubic meter of selected fill for slab on grade 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 3.09 Supply and Place Lean Concrete for Pile Caps

The quantity to be paid for shall be the actual quantity in cubic meter of lean concrete for the pile cap 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 3.10 Supply and Place Reinforcing Steel Bars for Concreting Works

The quantity to be paid for shall be the actual quantity in kilogram of reinforcing steel bar and tendons to be supplied and installed, including placing of concrete epoxy in accordance with the plans and specifications, and accepted by the 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 Supply and Place 3,500 psi Concrete for the Building Structure

The quantity to be paid for shall be the actual quantity in cubic meter of 3000 psi concrete for column, parapet, slab on grade, slab, ramp, stairs, wall footing, beams and lintel beam 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 3.12 Supply and Place CHB Wall including Reinforcement and Cement Plaster Finish

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

Item 3.13 Supply, fabricate and install structural steel materials including truss accessories

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

Item 3.14 Supply and apply anti-rust paint for metal surfaces

The quantity to be paid for shall be the actual area in square meter of anti-rust paint supplied and applied on structural steel in truss, canopy, and catch basin to be

supplied and applied of anti-rust in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.15 Construct Reinforced Concrete Septic Tank

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

Item 3.16 Construct Reinforced Concrete Catch Basin

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

Item 3.17 Supply, Deliver and Install Roof including Double Sided Insulation Foam with Wire Mesh and Accessories

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

Item 3.18 Supply, fabricate and install Polycarbonate Solid Sheet Including accessories

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

Item 3.19 Supply, Fabricate and Install 12mm thk. Phenolic Toilet Partition and Frosted Glass Shower Partition including Accessories

The quantity to be paid for shall be the actual quantity in lot of 12mm thick phenolic toilet, urinal partition and frosted glass shower partition to be supplied and installed including accessories in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.20 Supply and install toilet fixtures and accessories

The quantity to be paid for shall be the actual quantity in lot of water closet, lavatory, urinal, faucet, floor drain, tissue dispenser, toilet paper holder, hand dryer, bidet, shower head and glass mirrors to be delivered, supplied and installed including accessories in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.21 Supply and Install Water Line Pipes and Fittings including Accessories

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

Item 3.22 Supply and Install Sewerage Pipes and Fittings including Accessories

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

Item 3.23 Supply and Install Drainage Pipes and Fittings including Accessories

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

Item 3.24 Supply, deliver and install conduit pipe including fittings of various sizes

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

Item 3.25 Supply, Deliver and Install Electrical Wirings and Devices

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

Item 3.26 Supply, deliver and install protective devices

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

Item 3.27 Supply, deliver and install lighting fixtures

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

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

Item 3.28 Supply, deliver and install lightning protection and accessories

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

Item 3.29 Supply, deliver, and install auxiliary system

The quantity to be paid for shall be the actual quantity in lot of auxiliary systems such as background music, paging alarm, fire detection system, telephone, community antenna television, and wifi or internet connection to be delivered, supplied and installed, including accessories in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.30 Supply, deliver, and install air conditioning unit

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

Item 3.31 Supply and Install Fire Protection System Including Testing, Commissioning, Fire Extinguishers, Water Sprinklers, and other Accessories

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

Item 3.32 Supply and Apply Waterproofing Coating

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

Item 3.33 Supply and Install Floor, Wall, and Stair Tiles in Various Sizes

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

Item 3.34 Supply and Install Ceiling Suspension System, including Furring, Carrying Channel, and Suspension Rod, and other Accessories

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

Item 3.35 Supply and Install Aluminum Clip-in Perforated Panel including Accessories

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

Item 3.36 Supply and Install 12mm thk Moisture Resistant Gypsum Board Painted on Galvanized Steel Suspension

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

Item 3.37 Supply and Install 50mmx100mmx5.80m Lineweight Timber Look uPVC extruded Material Baffle Ceiling Suspended on Metal Track

The quantity to be paid for shall be the actual area in square meter of upvc extruded material baffle ceiling suspended on metal track to be delivered, supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.38 Supply and Install 0.40mm thk Preformed/Pre-Painted Ribbed Type Spandrel Ceiling

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

Item 3.39 Supply, fabricate and install aluminum and stainless steel materials for ladder, glass railings including tempered glass, ramp handrails, grab rails and other accessories

The quantity to be paid for shall be the actual quantity in lot of aluminum and stainless steel materials for ladder, glass railings including tempered glass, ramp handrails, grab rails and other accessories to be delivered, supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.40 Supply and install fabricated aluminum framed and frameless glass doors and windows, glass curtain wall and glass partitions including accessories

The quantity to be paid for shall be the actual quantity in lot of aluminum framed and frameless glass doors and windows, glass curtain wall and glass partitions including accessories to be delivered, 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 3.41 Supply and Install Fabricated 50mmx50mm Aluminum Trellis including Accessories

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

Item 3.42 Supply and Install Fabricated Doors

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

Item 3.43 Supply and Install Fabricated Emergency Exit Doors with Panic Bar Lock, including Jambs and Accessories

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

Item 3.44 Supply and Apply Paint, including Surface Preparation

The quantity to be paid for shall be the actual area in square meter of paint and surface preparation for wall, stair, beam, column including accessories to be delivered, supplied, and applied in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 3.45 Supply and Install Aluminum Composite Panel and Accessories

The quantity to be paid for shall be the actual area in square meter of aluminum composite panel, including accessories to be delivered, 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 3.46 Supply and Install Perforated Aluminum Composite Panel as Wind Shutter with Mangyan Logo

The quantity to be paid for shall be the actual area in square meter of aluminum composite panel as wind shutter, including accessories to be delivered, 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 3.47 Supply and Place 100mm CHB and Concrete Pouring for Kitchen Countertop, including Reinforcement

The quantity to be paid for shall be the actual quantity in cubic meter of 100mm CHB and concrete pouring for the kitchen countertop 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 3.48 Supply and Install Kitchen Sink and Overhang Cabinets

The quantity to be paid for shall be the actual area in square meter of the kitchen sink and overhung cabinets 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 3.49 Supply and Place Quartz Stone, including Splash Board for Kitchen Countertop

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

Item 3.50 Supply and Install Photoluminescent Signs and Path Markings for Emergency Route, including its Accessories

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

Item 3.51 Supply and Deliver Gang Chairs

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

Item 3.52 Supply and Deliver Office Furnitures

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

Item 3.53 Reinstallation of Removed X-ray Machine

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

Item 3.54 Supply and Install PPA Logo including anchor bolts, nuts, plates and Accessories

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

Item 3.55 Supply and Install Outdoor Plants for Landscape and Plant box

The quantity to be paid for shall be the actual quantity in lot of outdoor plants and plant box 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 3.56 Supply, Deliver & Installation of Distribution Transformer including Accessories and Other Incidental Expenses, RC Platform, Ductbank, Pedestal Post

The quantity to be paid for shall be the actual quantity in lot of distribution transformer including Accessories and other incidental expenses, RC platform, ductbank, pedestal post to be delivered, 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 3.57 Supply and Install Hybrid Solar Power System

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

BILL NO. 4

PUBLIC COMFORT ROOM

Item 4.01 Demolition and Disposal of Portion of Existing Pavement

The quantity to be paid for shall be the actual quantity in square meter of portion of existing pavement to be demolished 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 4.02 Excavation, Backfilling, and Compaction

The quantity to be paid for shall be the actual quantity in cubic meter of footing and footing tie beam to be excavated, backfilled, 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 4.03 Supply and Place Gravel Bedding

The quantity to be paid for shall be the actual quantity in cubic meter of gravel bedding to be delivered, 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 4.04 Supply and Place 3,500 psi Concrete for Superstructure

The quantity to be paid for shall be the actual quantity in cubic meter of 3500 psi concrete for columns, slabs, parapet, ramp, beams, stairs, and countertops to be supplied and placed of 3,500 psi of concrete in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.05 Supply and Place CHB including Reinforcement and Plastering

The quantity to be paid for shall be the actual area in square meter of wall and plant box to be supplied and placed of CHB, including reinforcement and plastering in accordance with the plans and specifications and accepted by the 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 Place Reinforcing Steel Bars for Concreting Works

The quantity to be paid for shall be the actual quantity in kilogram of footing, column, ties, wall footing, beam, slab, CHB reinforcement, parapet, and countertop to be supplied and installed, reinforcing bar in accordance with the plans and specifications and accepted by the 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 Interior Ceiling : Supply & Install 2" x 2" x 0.70mm thk. Perforated Aluminum-Clip-In Panel, Bone White Ceiling Board

The quantity to be paid for shall be the actual quantity in square meter of interior 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 4.08 Exterior Ceiling: Supply & Install Ficem 12mm Exterior Ceiling Board and Framing

The quantity to be paid for shall be the actual quantity in square meter of exterior ceiling to be supplied and installed including joist in accordance with the plans and specifications and accepted by the 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 Construction of R.C. catch basin including installation of storm drainage Pipe & downspout

The quantity to be paid for shall be the actual quantity in set of catch basin to be supplied and installed including storm drainage pipe and downspout in accordance with the plans and specifications and accepted by the 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 Install Tile Finishes

The quantity to be paid for shall be the actual quantity in square meter of floor and 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 4.11 Supply and Install Doors, Windows and Divider/Partitions

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

Item 4.12 Plumbing Works: Supply & Install Plumbing Fixtures & Stainless Railing for Ramp complete w/ fittings and accessories

The quantity to be paid for shall be the actual quantity in lot of counter top, water closet, urinal, toilet paper holder, soap dispenser, hygienic spray, facial mirror, fittings and tubular stainless steel to be supplied and installed including accessories in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 4.13 Supply and Install of Lightings and Electrical Fixtures

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

Item 4.14 Supply and Apply Paint for Concrete and Masonry Surfaces

The quantity to be paid for shall be the actual quantity in square meter of concrete and wood to be supplied and applied paint in accordance with the plans and specifications and accepted by the 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 Septic Tank

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

BILL NO. 5

TEMPORARY PASSENGER TERMINAL

Item 5.01 Clearing, Supply and Install Steel Structure Passenger Shed, Temporary Electrical Wirings, outlets and fixtures

The quantity to be paid for shall be the actual quantity in lot of steel structure passenger shed, temporary electrical wirings, outlets and fixtures to be cleared, supplied and installed in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

BILL NO. 6

TEMPORARY PORT OPERATIONAL BUILDING

Item 6.01 Clearing, Removal and Disposal of Unnecessary objects

The quantity to be paid for shall be the actual quantity in lot of unnecessary objects to be cleared, 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 6.02 Supply and Install Ceiling board and frame

The quantity to be paid for shall be the actual quantity in square meter of ceiling board and 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 6.03 Supply and Apply paint for concrete, steel, roofing and ceiling boards

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

Item 6.04 Supply and install floor and wall finishes/tiles of various types and sizes

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

Item 6.05 Supply and Install Doors and Windows with hinges and locksets

The quantity to be paid for shall be the actual quantity in lot of glass door, flush door and windows to be supplied and installed including hinges and locksets in accordance with the plans and specifications and accepted by the Engineer. The contract unit price

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

Item 6.06 Supply and install water line pipes and fittings including accessories

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

Item 6.07 Supply and install sewerage pipes and fittings including accessories

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

Item 6.08 Supply, deliver and install wires and cables of various sizes

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

Item 6.09 Supply, deliver and install conduit pipe including fittings of various sizes

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

Item 6.10 Supply, deliver and install wiring devices

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

Item 6.11 Supply, deliver and install lighting fixtures

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

Item 6.12 Supply and Install Plumbing fixtures

The quantity to be paid for shall be the actual quantity in lot of plumbing fixtures to be supplied and installed including accessories in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full

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

Item 6.13 Supply and Install Gutter including downspout

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

Item 6.14 Supply and Install Kitchen top and cabinet

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

BILL NO. 7

REIMBURSABLE ITEMS

Item 7.01 **a) Office furniture's and appliances**

The quantity to be paid for shall be the actual quantity in lot of office furniture's and appliances 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.

b) Computers and Accessories

The quantity to be paid for shall be the actual quantity in lot of computers and accessories 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.

BILL NO. 8

CONSTRUCTION OF PUMPHOUSE

Item 8.01 **Demolition / Disposal of Concrete Pavement for the New Underground Domestic Water Tank and Fire Tank as shown in Plan**

The quantity to be paid for shall be the actual quantity in lot of concrete pavement to be demolished 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 8.02 **Excavation Works for New Underground Domestic Water Tank and Fire Tank including Gravel Bedding**

The quantity to be paid for shall be the actual quantity in cubic meter of underground domestic tank to be excavated and backfilled including gravel bedding in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.03 **Supply and Place 3500 psi Concrete for the New Underground Domestic Water Tank and Fire Tank**

The quantity to be paid for shall be the actual quantity in cubic meter of manhole cover, slab, wall, chamfer and beam to be supplied and placed 3,500 psi of concrete including water proofing in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.04 **Supply and Place Reinforing Steel Bars for Concreting Works of the New Underground Domestic Water Tank and Fire Tank including Stainless Steel Ladder Rung**

The quantity to be paid for shall be the actual quantity in kilograms of manhole cover, slab, wall, and beam to be supplied and installed of reinforcing steel bar including stainless steel ladder rung in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.05 **Supply and Place 3500 psi Concrete for Column, Beam, and Slab of Domestic Water Pump and Fire Pump Room**

The quantity to be paid for shall be the actual quantity in cubic meter of column, beam and slab to be supplied and placed 3,500 psi concrete in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.06 **Supply and Place Reinforcing Steel Bars for Concreting Works of Domestic Water Pump and Fire Pumo Room**

The quantity to be paid for shall be the actual quantity in kilograms of column, beam wall and slab to be supplied and installed in accordance with the plans and

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

Item 8.07 Supply and Place 4" CHB Wall including Masonry and Plastering Works

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

Item 8.08 Supply and Install 600 x 600 mm Unglazed Ceramic Tiles

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

Item 8.09 Supply and Apply Paint and Waterproofing of Slab Including Surface Preparation

The quantity to be paid for shall be the actual quantity in lot of wall to be supplied and applied paint and waterproofing of slab including surface preparation in accordance with the plans and specifications and accepted by the Engineer. The contract unit price shall be full compensation for furnishing all materials, labor, equipment, tools, and incidentals necessary to complete the work.

Item 8.10 Supply and Install Electrical Fixtures

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

Item 8.11 Supply and Install Doors and Windows

The quantity to be paid for shall be the actual quantity in lot of door and window 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.

FACILITIES TO BE PROVIDED FOR THE ENGINEER & HIS STAFF

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

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

MINIMUM MAJOR EQUIPMENT REQUIREMENTS

1	unit/s	Air compressor (250 cfm, minimum), Owned or Leased
1	unit/s	Backhoe, Crawler (0.40 cu.m.,95 hp), Owned or Leased
1	unit/s	Backhoe, Wheel Mounted (0.40 cu.m.,95 hp), Owned or Leased
1	unit/s	Concrete Cutter, Owned or Leased
2	unit/s	Concrete mixer, 1-bagger, Owned
2	unit/s	Concrete Bucket, Owned or Leased
1	unit/s	Concrete screeder, Owned or Leased
2	unit/s	Concrete vibrator (3.5 Hp), Owned
1	unit/s	Crawler Crane, 60T, Owned or Leased
1	unit/s	Crawler Crane, 30T, Owned or Leased
1	unit/s	Crawler Crane, 20T, Owned or Leased
1	unit/s	Diesel Pile Hammer, 7500 kg-m, Owned or Leased
1	unit/s	Drop hammer (2T), Owned or Leased
2	unit/s	Dump truck, 6 cu. yds., Owned or Leased
2	unit/s	Electric Bar bender (up to 25mmø), Owned
2	unit/s	Electric Bar cutter (up to 25mmø), Owned
1	unit/s	Forklift (1.36T), Owned or Leased
2	unit/s	Oxy/Acetylene cutting outfit, Owned
1	unit/s	Payloader (3 cu.m., 196hp), Owned or Leased
1	unit/s	Plate compactor, vibratory (13.5 hp), Owned
1	unit/s	Plate compactor, vibratory (5 hp), Owned
1	unit/s	Walk Behind Rollers, Owned or Leased
1	unit/s	Road Grader (125 hp), Owned or Leased
1	unit/s	Road Roller (12.05T, vibratory), Owned or Leased
1	unit/s	Road Roller (3.36T, vibratory), Owned or Leased
1	unit/s	Tandem Roller (10T), Owned or Leased
2	unit/s	Transit mixer (5-6 cu.m.), Owned or Leased
1	unit/s	Water truck (1,000 gal.), Owned or Leased
2	unit/s	Welding machine (400 amp.), Owned
1	unit/s	Cargo Truck (5T), Owned or Leased
1	unit/s	Backhoe Breaker Attachment, Owned or Leased
1	unit/s	Trailer High Bed, 60T With Truck Tractor, Owned or Leased
1	unit/s	Truck-Mounted Crane (21-25 mt), Owned or Leased
1	unit/s	Truck-Mounted Crane (101-120 mt), Owned or Leased
2	unit/s	Telescopic Handler, Owned or Leased
2	unit/s	Anchorage Block, Owned or Leased

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

12	mo.	Safety Engineer / Officer
12	mo.	Nurse / Health Officer

EQUIPMENT / MATERIALS

Personnel Protective Equipment

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

Safety Devices

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

Medical and First Aid System	-	Twelve (12) mos.
Temporary shelter for workers	-	1 lot

NOTE:

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

PPA MEMORANDUM CIRCULAR
No 02
Series of 2016
Attachment

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

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

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

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

Materials/Items of Work	***Required Tests***	***Minimum Incremental Frequency of Tests***
Rocks	Test for Apparent Specific Gravity and Abrasion	For every 1,500 cubic meter or fraction thereof
Geotextile Filter	Physical and Mechanical Test 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

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

PPA MEMORANDUM CIRCULAR
No 02
Series of 2016
Attachment

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

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

Approved

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

SECTION IX

CHECKLIST OF TECHNICAL AND FINANCIAL DOCUMENTS

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

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

Technical Documents

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

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

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

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

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

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

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

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

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

Financial Documents

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

Class "B" Documents

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

II. FINANCIAL COMPONENT ENVELOPE

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

Other documentary requirements under RA No. 9184

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

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

☐ (m) Cash Flow by Quarter.

SECTION X

BIDDING FORM

Bid Form for the Procurement of Infrastructure Projects

[shall be submitted with the Bid]

BID FORM

Date : _____
Project Identification No. : _____

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

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

a. We have no reservation to the PBDs, including the Supplemental or Bid Bulletins, for the Procurement Project: **Rehabilitation and Expansion of PTB Roxas, Port of Roxas, Oriental Mindoro**;

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

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

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

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

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

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

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

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

[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 **Rehabilitation and Expansion of PTB Roxas, Port of Roxas, Oriental Mindoro** of the **Philippine Ports Authority**.

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

Name: _____

Legal Capacity: _____

Signature: _____

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

Date: _____

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

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

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

NOTE:

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

This Statement shall be supported by:

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

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

Revised: September 2021

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

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

NOTE :

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

A. The bidder must have an experience of having completed a SLCC that is similar to the contract to be bid equivalent to at least fifty percent (50%) of the ABC, adjusted if necessary, by the Bidder to current prices using the PSA consumer price indices. A contract is considered to be "similar" to the contract to be bid if it has the same Major Categories of Work as stated in the Bid Data Sheet (BDS).
B. This Statement shall be supported by:
   a. Notice of Award, Notice to Proceed and Contract.
   b. Project Owner's Certificate of Final Acceptance issued by the owner and/ or Constructors Performance Evaluation System (CPES) Final Rating, which must be at least Satisfactory. The said Certificate of Acceptance shall contain the following: 1) Name of project owner that issued the certificate, 2) Name of Contractor/ Constructor, 3) Name of Contract, and 4) Contract Duration.
   c. Recapitulation or Final Bill of Quantities.

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

Revised: September 2021

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

Major Categories of Work 1]	Unit of Measure 1]	Quantity 1]	**SLCC** similar to the contract to be bid 2]	Other completed contracts similar to the contract to be bid 2]			Unit of Measure 2]	Quantity 2]
			Name of the contract	Name of the contract	Name of the contract	Name of the contract		
1. Construction of Building	sq.m.	334						

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 bidder's 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 I					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 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
Construction Safety and Health Officer – One (1) year
Materials Engineer – One (1) year
Materials Engineer I – for projects costing up to 100M
Materials Engineer II – for projects costing more than 100M

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

Revised: September 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 purchase agreement 2]	Proof of Ownership/ Leased/ Under Purchase Agreement (Mark as Annex "A.....Z") 3]	OTHER INFORMATION (As Applicable)				
					Manufacturer	Engine Serial No.	Chassis No./ Name of Vessel	Location	Status

NOTE:

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

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

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

If the pledged equipment is leased/under purchased agreement, submit 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
d. For Water Truck, Dump Truck, Cargo 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 leased contract/purchased agreement together with a copy of the Marina Certificate of Ownership and valid Cargo Ship Safety Certificate.

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

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

Revised: 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 **Rehabilitation and Expansion of PTB Roxas, Port of Roxas, Oriental Mindoro** of the **Philippine Ports Authority**, 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, procuring 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 **Rehabilitation and Expansion of PTB Roxas, Port of Roxas, Oriental Mindoro** of the **Philippine Ports Authority**, as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

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

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

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

6. None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, procuring 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 **Rehabilitation and Expansion of PTB Roxas, Port of Roxas, Oriental Mindoro**, as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable;)];

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

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

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

6. None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, procuring 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. DEMOLITION, REMOVAL AND RESTORATION WORKS

1. Demolish and Dispose Portion of Existing PTB-1 and PTB-2 and Turning Over of Recovered Materials with Value to PPA Authority.
2. Demolish and Dispose Portion of Baggage Xray Housing, Covered Walk and Guard House.
3. Remove Existing Doors and Windows.
4. Remove existing Gang Chairs and Accessories.
5. Remove existing X-ray Machine and accessories.
6. Remove, Chip Off and Dispose Existing Floor Tiles
7. Remove Existing Ceilings and Accessories,
8. Remove/Dismantle Existing Plumbing Fixtures and Accessories.
9. Remove and Dispose Existing Concrete Pavement.
10. Scraping of Existing Gravel Materials.
11. Restoration of Newly Demolished Concrete Pavement.
12. Remove Existing Electrical Materials and Accessories.
13. Remove/Dismantle of existing Roof.
14. Construct Temporary X-ray Storage.
15. Remove Existing Stair Handrails and Grab Rails.

B. **REHABILITATION AND EXPANSION OF PTB**

1. Excavation and Backfilling Works including Disposal of Unsuitable Items.
2. Subgrade Preparation.
3. Deliver to Site PSC Piles.
4. Handle, Pitch and Drive PSC Piles.
5. Cut/Chip and Dispose Newly Driven PSC piles up to Required Elevation.
6. Supply and Apply Soil Treatment.
7. Supply, Place and Compact Gravel Bedding for Building Foundation and Pile Cap.
8. Supply, Place and Compact Selected Fill for Laying of Slab on Grade.
9. Supply and Place Lean Concrete for Pile Caps.
10. Supply and Place Reinforcing Steel Bars for Concreting Works.
11. Supply and Place 3,500 psi Concrete for the Building Structure (Footing , Columns , Beams , Slabs , Stairs , Wall Footing).
12. Supply and Place CHB Wall including Reinforcement and Cement Plaster Finish.
13. Supply, Fabricate and Install Structural Steel Materials including Truss Accessories.
14. Supply and Apply Anti-rust Paint for Metal Structures.
15. Construct Reinforced Concrete Septic Tank.
16. Construct Reinforced Concrete Catch Basin.
17. Supply, Deliver and Install Roof including Double Sided Insulation Foam with Wire Mesh and Accessories.
18. Supply, Fabricate and Install Polycarbonate Solid Sheet Including Accessories.
19. Supply, Fabricate and Install 12mm thk. Phenolic Toilet Partition and Frosted Glasss Shower Partition including Accessories.

20. Supply and Install Toilet Fixtures and Accessories.

21. Supply and Install Water Line Pipes and Fittings including Accessories.

22. Supply and Install Sewerage Pipes and Fittings including Accessories.

23. Supply and Install Drainage Pipes and Fittings including Accessories.

24. Supply, Deliver, and Install Conduit Pipe including Fittings of Various Sizes.

25. Supply, Deliver and Install Electrical Wirings and Devices.

26. Supply, Deliver and Install Protective Devices.

27. Supply, Deliver and Install Lighting Fixtures.

28. Supply, Deliver and Install Lightning Protection and Accessories.

29. Supply, Deliver and Install Auxiliary System.

30. Supply , Deliver and Install Air Conditioning unit.

31. Supply and Install Fire Protection System including Testing, Commissioning, Fire Extinguishers, Water Sprinklers and other Accessories.

32. Supply and Apply Waterproofing Coating.

33. Supply and Install Floor, Wall, and Stair Tiles in Various Sizes.

34. Supply and Install Ceiling Suspension System including Furring, Carrying Channel, Suspension Rod and other Accessories.

35. Supply and Install Aluminum Clip-in Perforated Panel including Accessories.

36. Supply and Install 12 mm thk Moisture Resistant Gypsum Board Painted on Galvanized Steel Suspension

37. Supply and Install 50mmx100mmx5.80m Lineweight Timber Look uPVC extruded material baffle ceiling suspended on metal track

38. Supply and Install 0.40 mm thk. Preformed/Pre-Painted Ribbed Type Spandrel Ceiling

39. Supply, fabricate and install aluminum and stainless steel materials for ladder, glass railings including tempered glass, ramp handrails, grab rails and other accessories

40. Supply and Install Fabricated Aluminum Framed and Frameless Glass Doors and Windows, Glass Curtain Wall and Glass Partitions including Accessories

41. Supply and Install Fabricated 50mmx50mm Aluminum Trellis including Accessories.

42. Supply and Install Fabricated Doors

43. Supply and Install Fabricated Emergency Exit Door with Panic Bar Lock including Jambs and Accessories

44. Supply and Apply Paint for Masonsry and Dry Wall Surfaces including Surface Preparation

45. Supply and Install Aluminum Composite Panel and Accessories

46. Supply and Install Perforated Aluminum Composite Panel as Wind Shutter with Mangyan Logo

47. Supply and Place 100mm CHB and Concrete Pouring for Kitchen Countertop including Reinforcement

48. Supply and Install Kitchen Sink and Overhang Cabinets

49. Supply and Place Quartz Stone including Splash Board for Kitchen Countertop

50. Supply and Install Photoluminescent Signs and Path Markings for Emergency Route including its Accessories

51. Supply and Deliver Gang Chairs

52. Supply and and Office Furnitures

53. Reinstallation of Removed X-ray Machine

54. Supply and Install PPA Logo including Accessories

55. Supply and Install Indoor Plants for Landscape and Plantbox

56. Supply, Deliver & Installation of Distribution Transformer including Accessories and Other Incidental Expenses, RC Platform, Ductbank, Pedestal Post

57. Supply and Install Hybrid Solar Power System

C. **PUBLIC COMFORT ROOM**

1. Demolition and Disposal of Portion of existing Pavement

2. Excavation, Backfilling and Compaction

3. Supply and Place Gravel Bedding

4. Supply and Place 3500 psi Concrete for Superstructure

5. Supply and Place CHB Including Reinforcement and Plastering

6. Supply and Place Reinforcing Steel Bars for Concreting Works

7. Interior Ceiling : Supply & Install 2" x 2" x 0.60mm thk. Perforated Aluminum Clip-In Panel, Bone White Ceiling Board

8. Exterior Ceiling : Supply & Install Ficem 12mm Exterior Ceiling Board & Framing

9. Construction of R.C. catch basin including installation of storm drainage pipe and downspout

10. Supply and Install Tile Finishes

11. Supply and Install Doors, Windows and Divider Partitions

12. Plumbing Works : Supply & Install Plumbing Fixtures & Stainless Railing for Ramp complete w/ fittings and accessories

13. Supply & Install of Lightings and Electrical Fixtures

14. Supply and Apply Paint for Concrete and Masonry Surfaces

15. Septic Tank

D. **TEMPORARY PASSENGER TERMINAL**

1. Clearing, Supply and Install Steet Structure Passenger Shed, Temporary Electrical Wirings, outlets and fixtures

E. **TEMPORARY PORT OPERATIONAL BUILDING**

1. Clearing, Removal and Disposal of Unnecessary objects

2. Supply and Install Ceiling board and frame

3. Supply and Apply Paint for concrete, steel, roofing and ceiling boards

4. Supply and Install floor and wall finishes/tiles of various types and sizes

5. Supply and Install Doors and Windows with hinges and locksets

6. Supply and Install water line pipes and fittings including accessories

7. Supply and Install sewerage pipes and fittings including accessories

8. Supply, deliver and install wires and cables of various sizes

9. Supply, deliver and install conduit pipe including fittings of various sizes

10. Supply, deliver and install wiring devices

11. Supply, deliver and install lighting fixtures

12. Supply and Install Plumbing fixtures

13. Supply and Install Gutter including downspout

14. Supply and Install Kitchen top and cabinet

F. **CONSTRUCTION OF PUMPHOUSE**

1. Demolition / Disposal of Concrete Pavement for the New Underground Domestic Water Tank and Fire Tank as shown in Plan

2. Excavation Works for New Underground Domestic Water Tank and Fire Tank including Gravel Bedding

3. Supply and Place 3500 psi Concrete for Underground Domestic Water Tank and Fire Tank

4. Supply and Place Reinforcing Steel Bars for Concreting Works of Underground Domestic Water Tank and Fire Tank

5. Supply and Place 3500 psi Concrete for Column, Beam and Slab of Domestic Water Pump and Fire Pump Room

6. Supply and Place Reinforcing Steel Bars for Concreting Works of Domestic Water Pump and Fire Pump Room

7. Supply and Place 4" CHB Wall including Masonry and Plastering Works

8. Supply and Install 600x600 mm Unglazed Ceramic Tiles

9. Supply and Apply Paint and Waterproofing of Slab Including Surface Preparation

10. Supply and Install Electrical Fixtures

11. Supply and Install Doors and Windows

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

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

Revised: September 2021

EQUIPMENT UTILIZATION SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

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

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

Revised: September 2021

CASHFLOW BY QUARTER AND PAYMENT SCHEDULE

Name of Project : _____

Project Description : _____

Location : _____

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

NOTES

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

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

Revised: September 2021

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

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

CONTRACT AGREEMENT

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

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

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

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

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

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

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

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

   c. Performance Security;

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

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

3. In consideration for the sum of **[total contract price in words and figures]** or such other sums as may be ascertained, **[Name 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 hereto 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]