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Bids & Awards Committee

SUPPLEMENTAL/BID BULLETIN No. 01

This Addendum No. 01 is issued to modify or amend items in the Bid Documents. This shall form an integral part of the Bid Documents.

**CONSTRUCTION OF FISH PROCESSING PLANT FACILITY &
 PROPOSED RELOCATION OF PROJECT SITE
 (PB EPA 2022-IP-01)**

Bill of Materials

ITEM #	DESCRIPTION/MATERIALS	QTY	UNIT	UNIT COST	SUB-TOTAL
1.00	EARTH WORKS AND GENERAL CONDITION				
	Site Clearing				
	Demolition Works				
	Excavation Works				
	Granular Bedding				
	Back Filling				
	SUB-TOTAL				
2.00	STRUCTURAL WORKS				
2.1	<i>Footing</i>				
	Portland Cement,40 kg. (Type 1)				
	Washed sand				
	Gravel,3/4				
	20 mmØ Steel Bars Structural Grade 60				
	#16 Tie Wire				
2.2	<i>Column</i>				
	Portland Cement,40 kg. (Type 1)				
	Washed sand				
	Gravel,3/4				
	25 mmØ Steel Bars Structural Grade 60				
	20 mmØ Steel Bars Structural Grade 60				
	10 mmØ Steel Bars Structural Grade 33				
2.3	<i>Tie Beam</i>				
	Portland Cement,40 kg. (Type 1)				

2.9	<i>Septic Tank</i>				
	Portland Cement,40 kg. (Type 1)				
	Washed sand				
	Gravel,3/4				
	12 mmØ RSB				
	10 mmØ RSB				
	6" CHB				
	#16 Tie Wire				
	SUB-TOTAL				
3.00	MASONRY WORKS				
	Type 1 Cement				
	Plastering Cement				
	Screened Sand				
	Washed Sand				
	6" CHB				
	4" CHB				
	10mm dia. RSB				
	#16 Tie Wire				
	Miscellaneous				
	SUB-TOTAL				
4.00	TILE WORKS				
	0.60 X 0.60 Floor Tile, Unglazed				
	0.30 X 0.60 Wall Tile, Glazed/Polished				
	Veneer Stone Cladding				
	2x2"x3m Stair Nosing				
	ABC Tile Grout				
	Tile Adhesive				
	Portland Cement				
	Washed sand				
	Miscellaneous				
	SUB-TOTAL				
5.00	PAINT WORKS				
	Flat Latex (Primer)				
	Gloss Latex (Top Coat)				
	Tinting Color				
	Skimcoat				
	SandPaper				
	Concrete Neutralizer				
	8" Paint Roller				
	4" Paint Brush				
	Miscellaneous				
	SUB-TOTAL				
6.00	DOORS AND WINDOWS				
6.1	<i>Doors</i>				
	(D1) 1/4" thick Glass Door Swing, in Aluminum Frame (Powder coated) with Stainless Steel Door Lock and handle and Weather strips, Clear Glass Header				
	(D2) Wooden Panel Door on 0.8mx2.1m on 2x6 Hard WoodDoor Jamb with 3 pcs 3x3" Stanley hinges and Lever Type, Satin Finish Hafele				
	(D3) PVC Door 0.60m x 2.1 m Length with Door Knob, Satin Finish				
	(D4) 1/4" thick Glass door in Aluminum Frame (Powder coat) with Stainless Steel Door Lock and handle and Weatherstrips				
	(D5) Wooden Panel Door on 0.8mx2.1m on 2x6 Hard WoodDoor Jamb with 1/4"thick Clear Glass, with 3pcs 3"x3" Hinges Stanley Hinges, Lever Type, Satin Finish Hafele				

	(D6A) 1/4" Thick Glass Door Sliding, in Aluminum Frame (Powder Coat) with Stainless Steel Door Lock and handle and Weather strips, Clear Glass Header				
	(D6B) Heavy Duty Roll up Door with 2"x2" support Angle bars with Side and Bottom Rails				
	Frame (Powder Coat) with Stainless Steel Door Lock and handle and Weather strips				
	Hard Wood Door Jamb with 3 pcs 3x3" Stanley hinges and Lever Type, Satin Finish Hafele				
6.2	Windows				
	(W1) 1/4" thick glass, Fixed Window in Aluminum Frame (Powder Coated) 2.28m wide x 2.50m High, 3 panels, with lock, rubber stopper and weather strips				
	(W2) 1/4" thick Blue Glass Fixed, Window in Aluminum Frame (Powder Coated) 1.80 m high x 0.80m width, 1 panel, with lock, rubber stopper and weather strips				
	(W3) 1/4" thick Blue Glass Fixed, Window in Aluminum Frame (Powder Coated) 1.85 m high x 0.80m width, 2 panels, with lock, rubber stopper and weather strips				
	(W4) 1/4" thick Blue Glass Awning, Window in Aluminum Frame (Powder Coated) 0.60m high x 0.80m width, 1 panel, with lock, rubber stopper and weather strips				
	(W5) 1/4" thick Blue Glass Awning, Window in Aluminum Frame (Powder Coated) 0.60m high x 1.60m width, 2 panels, with lock, rubber stopper and weather strips				
	(W6) 1/4" thick Blue Glass Awning, Window in Aluminum Frame (Powder Coated) 0.60m high x 2.40m width, 3 panels,				
	(W7) 1/4" thick Blue Glass Awning, Window in Aluminum Frame (Powder Coated) 0.60m high x 3.20m width, 4 panels, with lock, rubber stopper and weather strips				
	(W8) 1/4" thick Blue Glass Awning at Top and Fixed at Half Bottom, Window in Aluminum Frame (Powder Coated) 2.05m high x 0.75m width, 1 panels, with lock, rubber				
	(W9) 1/4" thick Blue Glass Sliding Window in Aluminum Frame (Powder Coated) 2.30m high x 1.15m width, 3 panels,				
	(Powder Coat) 7.60m wide x 2.50m High, 7 panels with Clear Glass Header, Weather Strips				
	SUB-TOTAL				
7.00	CEILING WORKS				
	12mmx4'x8' Gypsum Board, Boral				
	25mm x25mmx10ft Wall angle				
	Boral Gypsum Putty Premix 5.4kg				
	Mesh Tape 2"				
	Double Furring				
	Carrying Channel				

	W-Clip				
	Gypsum Screw 1"				
	Masonry Drill bit 3/16				
	Miscellaneous				
	SUB-TOTAL				
8.00	ELECTRICAL WORKS				
	Distribution Panel board, 250 AT,3P,6 holes (bolt-on type Center Main)				
	Panel board, 150 AT,3P,24 holes (bolt-on type Center Main)				
	Panel board, 50 AT,3P,18 holes (bolt-on type Center Main)				
	NEMA 3R Enclosure, 300 AT, 3P				
	NEMA 1 Enclosure, 30 AT, 3P				
	Circuit breaker, 300 AT, 3P (bolt-on type Main breaker)				
	Circuit breaker, 250 AT, 3P (bolt-on type Main breaker)				
	Circuit breaker, 175 AT, 3P (bolt-on type Main breaker)				
	Circuit breaker, 150 AT, 3P (bolt-on type Main breaker)				
	Circuit breaker, 60 AT, 3P (bolt-on type Main breaker)				
	Circuit breaker, 50 AT, 3P (bolt-on type Main breaker)				
	Circuit breaker, 30 AT, 3P (bolt-on type)				
	Circuit breaker, 30 AT, 2P (bolt-on type)				
	Circuit breaker, 20 AT, 2P (bolt-on type)				
	Circuit breaker, 15 AT, 2P (bolt-on type)				
	Safety breaker, 20 AT, 2P				
	Copper clad Gound rod 16mmØ x 3m				
	Ground Rod Clamp				
<i>8.1</i>	<i>Lighting Fixture</i>				
	100 Watts LED High Bay Light Hanger Type (Daylight)				
	48 Watts LED Panel Light 300mm x 1200mm (Daylight)				
	36 Watts Flush Mounted LED Panel Light 600mm x 600mm(Daylight)				
	18 Watts Surface Slim LED Downlight (Daylight)				
	18 Watts LED Recessed Slim Downlight (Daylight)				
	15 Watts Premium LED Downlight Surface Mounted 90mm dia. X 100mm Height				
	Flexible Waterproof LED Strip light, AC220V with EU power plug,				
	Hand Dryer				
<i>8.2</i>	<i>Wires & Cables</i>				
	100 mm ² , THHN Wire (Stranded Black)				
	38 mm ² , THHN Wire (Stranded Red)				
	38 mm ² , THHN Wire (Stranded Yellow)				
	38 mm ² , THHN Wire (Stranded Blue)				
	38 mm ² , THHN Wire (Stranded Green)				
	8.0 mm ² , THHN Wire (Stranded Red)				
	8.0 mm ² , THHN Wire (Stranded Yellow)				
	8.0 mm ² , THHN Wire (Stranded Blue)				
	8.0 mm ² , THHN Wire (Stranded Green)				
	5.5 mm ² , THHN Wire (Stranded Red)				

	5.5 mm ² , THHN Wire (Stranded Yellow)				
	5.5 mm ² , THHN Wire (Stranded Blue)				
	3.5 mm ² , THHN Wire (Stranded Red)				
	3.5 mm ² , THHN Wire (Stranded Yellow)				
	3.5 mm ² , THHN Wire (Stranded Blue)				
	2.0 mm ² , THHN Wire (Stranded Green)				
8.3	<i>Conduit Pipes and Fittings</i>				
	EMT Conduit pipe, 2 in. dia. x 10 ft. long				
	EMT Conduit pipe, 3/4 in. dia. x 10 ft. long				
	EMT Conduit pipe, 1/2 in. dia. x 10 ft. long				
	PVC Conduit pipe, 3/4 in. dia. X 10 ft. long				
	PVC Conduit pipe, 1/2 in. dia. X 10 ft. long				
	EMT short elbow, 2 in. dia.				
	EMT short elbow, 3/4 in. dia.				
	EMT adaptor with locknut, 2 in. dia. (MALE)				
	EMT adaptor with locknut, 3/4 in. dia. (MALE)				
	EMT adaptor with locknut, 1/2 in. dia. (MALE)				
	PVC adaptor with locknut, 3/4 in. dia. (MALE)				
	PVC adaptor with locknut, 1/2 in. dia. (MALE)				
	EMT Junction box /cover, 4"x4"				
	PVC Junction box /cover, 4"x4"				
	PVC Utility box, 2"x4"				
	Secondary Rack 3 Wire with Spool Insulator				
	Wedge Connector				
	EMT conduit clamp 2 in.				
	EMT conduit clamp 1/2 in.				
	Service Entrance Cap 2 in.(threaded)				
	Electrical Tape (big)				
8.4	<i>Wiring Devices</i>				
	Switch, Flush Type,3-Gang "Wide series", 250V ~ 10A				
	Switch, Flush Type,2-Gang "Wide series", 250V ~				
	Switch, Flush Type,1-Gang "Wide series", 250V ~				
	3-way switch set, 1-Gang "Wide series", 250V ~ 10A				
	Duplex Universal Outlet, Flush Type "Wide series" with Ground,				
	Square Floor Receptacle with Duplex Universal Outlet with Ground and Shutter "Titanium", 250V ~ 15A				
	Weather Proof Duplex Universal Outlet with Ground and 1 Gang Universal Outlet, Flush Type "Wide Series" with				
	SUB-TOTAL				
9.00	PLUMBING AND FIXTURES				
	Valves, Push Button type (HCG)				
	Counter Type Lavatory with Accessories and Fixtures, (Faucet, valves, P-trap, Hose) HCG				

	Urinal, Medium with Accessories Fixtures and Valves, Push Button type (HCG)				
	Floor Mounted Type Lavatory with Accessories and Fixtures, (Faucet, valves, P-trap, Hose) HCG				
	Horizontal Stainless Water Tank, 2000 ltrs Capacity with Complete Fittings and Accessories				
	Stainless Steel Composite Emergency Eyewash				
	Vertical Double Eye Washing Shower				
	Bidet Hose and Faucet				
	Angle Valve 3way				
	Grab Bar Stainless Steel for PWD CR				
	Floor Drain 6"x6"				
	25mm PPR Elbow				
	25mm PPR Tee				
	25mm x 3m PPR Pipe				
	25mm Male Adaptor				
	25mm Female Adaptor Threaded				
	Union Patente 25mm				
	Fusion Heating Machine				
	Vulcaseal				
	Teflon Tape 1"				
	25mm Ball Valve				
	Faucet, US Brand				
	4" PVC TEE				
	4" PVC Wye				
	4" x 2" PVC Reducer				
	4" x 2" PVC Wye Reducer				
	4" PVC Wye				
	3"x90 PVC Elbow				
	3" PVC TEE				
	4"x45 PVC Elbow				
	4"x90 PVC Elbow				
	2"x 90 PVC Elbow				
	2"x 45 PVC Elbow				
	4" PVC CleanOut				
	2" PVC Tee				
	2" x 3m PVC Pipe S1000				
	3" x 3m PVC Pipe S1000				
	4" x 3m PVC Pipe S1000				
	Miscellaneous				
	SUB-TOTAL				
10.00	METAL WORKS (RAILINGS, FIRE EXIT LADDERS)				
	50mm dia. X 4mm x 6m GI Pipe				
	25mm X 4mm x 6m GI Pipe				
	2"x2"x1/4" Angle Bar				
	25mm x 6mm x Flatbar				
	Welding Rod 60-12				
	Grinding Disc				
	Metal Primer				
	Quick Dry Enamel				

	Lacquer Thinner				
	3" Paint Brush				
	Miscellaneous				
	SUB-TOTAL				
11.00	ROOFING				
	3"x3"x4mmx6mm Angle Bar				
	2 1/2" x 2 1/2" x 4mm Angle Bar				
	100mm x 2mm C-Purlins				
	16mm dia. Turnbuckle				
	12mm dia. Plain Bar				
	10.6m Longspan Rib Type Roofing (Oceanic Blue)				
	4mm 2.40 Pre-Moulded Ridge Roll				
	10mm Roof Insulation (Double)				
	Solvent				
	2 1/2" J-Bolt				
	Welding Rod 60-12				
	Quick Dry Enamel (black)				
	16mm dia. Machine Bolts with Nut and Washer				
	6mm x 1.2m x 2.4 Steel Plate				
	Silicon Sealant				
	Caulking Gun				
	Acetylene				
	Oxygene, Industrial				
	Miscellaneous				
	SUB-TOTAL				
12.00	FALSE WORKS AND FORM WORKS				
	1/4" Ordinary Plywood				
	2"x3"x10' Coco Lumber				
	2"x2"x10' Coco Lumber				
	4" CWN				
	3" CWN				
	2" CWN				
	2 1/2" CWN				
	1 1/2" CWN				
	Miscellaneous				
	SUB-TOTAL				
13.00	FIRE SUPPRESSION SYSTEM				
	Fire Suppression System with 50meter long nozzle, cabinet with shatterproof glass				
	Fire Proof Pipelines, 3 Fire Extinguishers				
	SUB-TOTAL				
A.	DIRECT COST				
	MATERIAL COST				
	SUB-TOTAL				
B.	INDIRECT COST				
	CONTINGENCY AND ALLOWANCE (5% of A1)				
	VAT, TAX, MISCELLANEOUS (12% of A1)				
	CONTRACTOR'S PROFIT (10% of A1)				
	CLEARANCE AND PERMITS				
	SUB-TOTAL				
	TOTAL PROJECT COST				

For guidance and information of all concerned.


MABEL R. CALVA, MPA
UBAC Chairperson 

Date: **10 December 2021**