Project: Renovation and Improvement of Flagpole

Location: ISAT-U La Paz Campus, Burgos St., La Paz, Iloilo City Subject: BILL OF MATERIALS AND COST ESTIMATES CONSTRUCTION COST

		GENERAL REQUIREMENTS			
1	I	Temporary facilities including provisions of power, safety and health; site			
		clearing and demobilization	1	lot	

A.	TEMPORARY FACILITIES				
Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Electricity/water	1	lot		
2	Safety, Health, Signages and PPE	1	lot		
B.	SITE CLEARING AND DEMOBILIZATION	·		•	
1	Site Clearing, Hauling of debris, Demobilization	1	lot		
	Direct Cost		Total Direct C	Cost	
	Indirect Cost		Tax		
	Sub Total				
	Unit Cost				

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DEMOLITION cu.m.

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Selective demolition of existing pavement and flagpole pedestals	1	lot		
	Direct Cost	Total Direct Cost			
	Indirect Cost		Tax		
	Sub Total				
	Unit Cost				

SELECTIVE DEMOLITION OF TABLE, RESTORATION OF EXISTING RC POSTS, LEDGES AND FLOOR SLAB (GAZEBO); AND REMOVAL AND TRANSFER OF COMMEMORATIVE MARKER

В.

sq.m.

Item No.	Description	Qty	Unit	Unit Cost	Amount	
1	Portland Cement (40kgs.,BPS Marked)		bags			
2	Sand (washed, passing 1/4" sieve)		cu.m.			
3	Gravel (screened,passing 3/4" sieve)		cu.m.			
4	Deformed Bars (10mmx6mm, Grade 33)		lengths			
5	Tie wire (#16, Galvanized Iron)		kgs.			
		To				
	Direct Cost		Labor Cost			
		-	Total Direct Cost			
	Indirect Cost	O.C.M. & Profit				
	manect cost		Tax			
	Sub Total					
	Unit Cost					

RC PAVEMENT, PLATFORM AND PEDESTAL (3000 psi) cu.m.

Item No.	Description	Qty	Unit	Unit Cost	Amount		
1	Portland Cement (40kgs.,BPS Marked)		bags				
2	Sand (washed, passing 1/4" sieve)		cu.m.				
3	Gravel (screened,passing 3/4" sieve)		cu.m.				
4	Deformed Bars (10mmx6mm, Grade 33)		lengths				
5	Tie wire (#16, Galvanized Iron)		kgs.				
6	Formworks and Scaffoldings	1	lot				
7	Assorted Nails	1	lot				
		7	Total Materials Cost				
	Direct Cost		Labor Cost				
			Total Direct Cost				
	Indirect Cost		O.C.M. & Profit				
	mullect Cost		Tax				
	Sub Total						
	Unit Cost						

D.	BENCHES, PLANT BOX AND CURBS (3000 PSI)		cu.m.			
Item No.	Description	Qty	Unit	Unit Cost	Amount	
1	Portland Cement (40kgs.,BPS Marked)		bags			
2	Sand (washed, passing 1/4" sieve)		cu.m.			
3	Gravel (screened,passing 3/4" sieve)		cu.m.			
4	Deformed Bars (10mmx6mm, Grade 33)		lengths			
5	Tie wire (#16, Galvanized Iron)		kgs.			
6	Formworks and Scaffoldings	1	lot			
7	Assorted Nails	1	lot			
		To	otal Materials	Cost		
	Direct Cost	Labor Cost				
			Total Direct Cost			
	Indirect Cost		O.C.M. & Pro	ofit		
	munect cost		Tax		•	
	Sub Total					
	Unit Cost					

E.	FINISHING AND PLASTERING		sq.m.		
Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Portland Cement (40kgs.,BPS Marked)		bags		
2	Sand (washed, passing 1/4" sieve)		cu.m.		
3	Tie wire (#16, Galvanized Iron)		kgs.		
4	2.8mm x 6mm x 6mm Welded Wire Mesh		m.		
5	Formworks and Scaffoldings	1	lot		

6	Assorted Nails	1	lot		
	rossited italie		tal Materials	Cost	
	Direct Cost		Labor Cos		
			Total Direct C		
	Indirect Cost		O.C.M. & Pro	ofit	
			Tax		
<u> </u>	Sub Total Unit Cost				
	Unit Cost				
	METAL WORKS				
III	Furnish, Fabrication and Installation of Flagpole and accessories; Bench				
***	support as per plans				
	211 2 2 2 1 2 2				
Α	FLAGPOLE AND ACCESSORIES	1.00	lot		
Item No.	Description	Qty	Unit	Unit Cost	Amount
1	150mm Ø Cast Aluminum/Sched 40 G.I. Pole		lengths		
2	100mm Ø Cast Aluminum/Sched 40 G.I. Tapering Pole		lengths		
3	G.I. Cleats		lengths		
4	G.I. Halyard		pcs.		
5	G.I. External Revolving Truck		pcs.		
<u>6</u> 7	G.I. Ball Tip 20mmØ Round Bar		pcs. lengths		
8	Cast Aluminum Welding Rod		boxes		
9	4mm thk MS Plate		sheet		
10	SS Type 304L 20mmØ Round bar		lengths	İ	
		To	tal Materials		
	Direct Cost		Labor Cos	t	
			Total Direct C		
	Indirect Cost		O.C.M. & Pro	ofit	
			Tax		
<u> </u>	Sub Total Unit Cost				
<u> </u>	Unit Cost				
B.	BENCH SUPPORT	1.00	lot		
Item No.	Description	Qty	Unit	Unit Cost	Amount
1	1.5mm x 50mm x 50mm Tubular Steel		lengths		
2	Welding Rod		kgs		
3	Assorted Screws	1	lot		
4	1/8" x 1/2" Blind Rivets		boxes		
	Pinnet Cont	To	tal Materials		
	Direct Cost	-	Labor Cos Total Direct C		
			O.C.M. & Pro		
	Indirect Cost		Tax	<i></i>	
	Sub Total				
	Unit Cost				
	WOODS, PLASTICS AND COMPOSITES				
IV	Furnish, Fabrication and Installation of wood benches and bench top as per				
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IV A.	Furnish, Fabrication and Installation of wood benches and bench top as per	1.00	lot		
A. Item No.	Furnish, Fabrication and Installation of wood benches and bench top as per plans BENCHES AND BENCH TOP Description	1.00 Qty	Unit	Unit Cost	Amount
A. Item No.	Furnish, Fabrication and Installation of wood benches and bench top as per plans BENCHES AND BENCH TOP Description 25mm x 50mm x 8' Kiln Dried Good Lumber	-	Unit lengths	Unit Cost	Amount
A. Item No. 1 2	Furnish, Fabrication and Installation of wood benches and bench top as per plans BENCHES AND BENCH TOP Description 25mm x 50mm x 8' Kiln Dried Good Lumber 50mm x 50mm x 8' Kiln Dried Good Lumber	-	Unit lengths lengths	Unit Cost	Amount
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6	0.30m x 0.30m Cement Tiles	pcs.	
7	25 kg Pebbles	bags	
8	Portland Cement (40kgs.,BPS Marked)	bags	
9	Heavy duty Tile Adhesive	bags	
10	2kg Pack Tile Grout	packs	
	- •	Total Materials Cost	
	Direct Cost	Labor Cost	
		Total Direct Cost	
	Indirect Cost	O.C.M. & Profit	
	munect cost	Tax	
	Sub Total		
	Unit Cost		

C. PAINTING AND COATINGS

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	All exposed reinforced concrete walls, plant boxes, ledges, commemorative marker (Semi-gloss Solvent based Finish)		sq.m.		
2	Flagpoles, Gazebo Roofing and Metal Bench Support (Epoxy Enamel)		sq.m.		
3	Bench and Bench top (Gloss Lacquer and Stain finish as specified)		sq.m.		
4	Pebble Washout Concrete Base (Clear Lacquer finish as specified)		sq.m.		
	Direct Cost		Total Materials Cost		
			Labor Cost		
		Total Direct Cost			
	Indirect Cost	O.C.M. & Profit			
	munect 60st		Tax		
	Sub Total				
	Unit Cost				

VI

A.	LIGHTING FIXTURES	1.00	lot		
Item No.	Description	Qty	Unit	Unit Cost	Amount
1	9w LED Spot Light		sets		
2	LED Pole Light		sets		
3	9w LED Wall Lamp		sets		
4	3w Stair Light		sets		
5	14w/m LED Strip Light (Warm white)		m.		
		To	tal Materials	Cost	
	Direct Cost		Labor Cost		
		7	Total Direct Cost O.C.M. & Profit		
	Indirect Cost				
	indirect Cost		Tax		
	Sub Total				
	Unit Cost				

B. WIRING DEVICES

1.00 lot

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	3 - Gang Switch Wide Series		sets		
2	Duplex Wide Series Universal outlet w/ Ground		sets		
	•	To	tal Materials	Cost	
	Direct Cost		Labor Cost		
			Total Direct C	ost	
	Indirect Cost		O.C.M. & Pro	fit	
	munect cost		Tax		
	Sub Total				
	Unit Cost				

C.	WIRES AND CABLES	1.00	lot		
Item No.	Description	Qty	Unit	Unit Cost	Amount
1	2.00 mm2 THHN copper wire (green)		boxes		
2	3.50 mm2 THHN copper wire		boxes		
3	5.50 mm2 THHN copper wire		boxes		
4	8.00 mm2 THHN copper wire		boxes		
5	30.00 mm2 THHN copper wire		m.		
		То	tal Materials	Cost	
	Direct Cost	Labor Cost			
	Total Direct Cost		ost		
	Indirect Cost	O.C.M. & Profit			
indirect Cost			Tax		
	Sub Total				
	Unit Cost				

CONDUITS, BOXES, ELBOWS AND OTHERS

00		

Item No.	Description	Qty	Unit	Unit Cost	Amount
1	Utility box		pcs.		
2	Junction box w/ cover		pcs.		
3	20mmØ PVC Rigid Electrical Conduit		lengths		
4	32mmØ PVC Rigid Electrical Conduit		lengths		
5	20mmØ PVC Flexible Electrical Conduit		m.		
6	32mmØ PVC Flexible Electrical Conduit		m.		
7	20mmØ PVC Rigid PVC Elbow		pcs.		
8	32mmØ PVC Rigid PVC Elbow		pcs.		
10	Fittings/raceways	1	lot		
11	Electrical tape		pcs.		
12	PVC solvent cement - 100CC		cans		
13	Tie wire (#16, Galvanized Iron)		kgs.		
		To	otal Materials	Cost	
	Direct Cost		Labor Cost		
			Total Direct C	ost	
	Indirect Cost		O.C.M. & Pro	fit	
	mairect Cost		Tax		

Sub Total Unit Cost		
Unit Cost	Sub Total	
	Unit Cost	

E. PANELBOARDS AND CIRCUIT BREAKERS

	TAILEBOARDO ARD GIRGOTI BREAKERG	1.00	101		
Item No.	Description	Qty	Unit	Unit Cost	Amount
1	100A, 2P, 240V Main Circuit Breaker		sets		
2	15A, 2P, 240V Circuit Breaker		sets		
3	20A, 2P, 240V Circuit Breaker		sets		
4	30A, 2P, 240V Circuit Breaker		sets		
5	Miniature Type Flush Enclosure 10 Branches		sets		
	•	To	tal Materials	Cost	
	Direct Cost		Labor Cost		
		Total Direct Cost			
	Indirect Cost		O.C.M. & Pro	fit	
	manect cost		Tax		
	Sub Total				
	Unit Cost		•		

	SITE DEVELOPMENT		
VII.	Site Clearing; Furnish and Installation of Park pavement/pathways;		
	Grading; Planting and landscape as per plans		

SITE CLEARING 1.00 lot Item No. Description Qty Unit Unit Cost Amount Clearing of weeds, Pruning and trimming of affected branches lot Total Materials Cost **Direct Cost** Labor Cost Total Direct Cost O.C.M. & Profit Indirect Cost Tax

Sub Total Unit Cost

В. PARK PAVEMENT/PATHWAYS 1.00 lot Item No. Description Unit Cost Qty Unit Amount sq.m. Portland Cement (40kgs.,BPS Marked) bags Sand (washed, passing 1/4" sieve) cu.m. Total Materials Cost **Direct Cost** Labor Cost O.C.M. & Profit Indirect Cost Tax Sub Total **Unit Cost**

GRADING 1.00 lot Item No. Description Qty Unit Unit Cost Amount Top soil sq.m. Garden soil Total Materials Cost **Direct Cost** Labor Cost Total Direct Cost O.C.M. & Profit Indirect Cost Sub Total

Unit Cost PLANTING AND LANDSCAPE D 1.00 lot Item No. Description Qty Unit Unit Cost Amount Turf sq.m. Palm pcs. Trees (Trumpet & Fire Tree) pcs. Ornamental Plants DCS. Hedges pcs. 6 Topiary Shrub pcs. 50mm Ø Bamboo pole Wood Trellis pcs. Boulders 10 pcs. Clay pots pcs. Total Materials Cost **Direct Cost** Labor Cost Total Direct Cost O.C.M. & Profit Indirect Cost Tax Sub Total Unit Cost BREAKDOWN OF CONSTRUCTION COST **Total Material Cost DIRECT COST** Total Labor Cost **Total Direct Cost** O.C.M & Profit INDIRECT COST Tax TOTAL CONSTRUCTION COST (PhP)

Total	hid	cost	in	words

BREAKDOWN OF CONSTRUCTION COST				
	Total Material Cost			
DIRECT COST	Total Labor Cost			
	Total Direct Cost			
INDIRECT COST	O.C.M & Profit			
INDINECT COST	Tax			
TOTAL CONSTRUCTION COST (PhP)				

Total bid co	st in words	
	Contractor/Bidder	Owner/Authorized Representative