



Republic of the Philippines
Iloilo Science and Technology University
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PROGRAM OF WORKS

Project: INSTALLATION OF CANOPY AT 3RD FLOOR BALCONY (N-BUILDING)

Location: ISAT U- La Paz Campus, La Paz, Iloilo City

ABC:

Project Description:		Implementation Mode:			Lump Sum Contract	
To supply necessary materials, labor, and technical supervision INSTALLATION OF CANOPY AT 3RD FLOOR BALCONY (N-BUILDING) as per approved plan, specifications and scope of works.		Contract Duration:			45 Calendar Days	
		Technical Personnel			Project /Site Engineer, Foreman	
1.00	GENERAL REQUIREMENTS.		1	lot		
2.00	EXISTING CONDITIONS. (Demolition & Chipping of tiles, Cutting of Louvers(upper part of canopy), Cutting of existing railings and repair of zocalo, Hauling and disposal of construction debris off site. Hauling of existing materials to the University Stock Room. ; all in accordance with plans and specifications.)		1	lot		
3.00	MOISTURE & THERMAL CONTROLS. Supply and Application of Cementitious Water Proofing (acrylic polymer).		1	lot		
4.00	SCAFFOLDING AND SHORING. Supply, fabrication, installation of all necessary hardware, fixing accessories, scaffolding, shoring, and staging, equipment and tools as described on plans and specifications		1	lot		
5.00	METAL WORKS. Supply, fabricate and installation of Column, Purlins, Beams & Girders, Fascia Frame and Stainless Steel Railings including scaffoldings, welding connections, grout/epoxy , fixing accessories, primer painting(included on painting works), usage of tools and equipments and all necessary items to complete the works as per plan and specification.		1	lot		
6.00	ROOFING WORKS. Supply and installation of roofing sheet and accessories(METALPLAS ROOFING TWIN RIB TYPE 2.5mm thk and 0.5MM THK pre-painted accessories) with structural steel framing including all necessary accessories , usage of tools and equipment to complete the works as per plan and specification.		1	lot		
7.00	FLOOR FINISHES. Supply and installation of tiles including topping, mortar, grouting, jointing, necessary accessories and other equired items to complete the works, as described on issued plans and specifications		1	lot		
8.00	PAINTING WORKS. Supply and application of specified paint and coatings including all necessary surface preparation, treating, neutralizing, patching, sanding, grinding, cleaning, primary coating, top coating, usage of tools and all sundry items to complete the works, as described on issued plans and specifications.		1	lot		
TOTAL						
Breakdown of Project Cost:						
Direct Cost		Materials				
		Labor Cost				
Indirect Cost		Total Direct Cost				
		O.C.M. and Profit				
		Tax				
Total Project Cost						

Total bid cost in words:

Submitted by:

Contractor/ Bidder

Owner/ Authorized Representative

Address

Date





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Location: ISAT U- La Paz Campus, La Paz, Iloilo City

DETAILED ESTIMATES

Item No.	Item / Description	Qty	Unit	Unit Cost	Total Cost
1.00	GENERAL REQUIREMENTS.				
	Cleaning (includes paints on floor and other surfaces), Clearing, Hauling and disposal of construction debris off site, Mobilization and Demobilization	1.00	lot		
	Health and Safety Requirements(PPE, uniform & signages)	1.00	lot		
	Water and Power Consumption including tapping works with Submeter.	1.00	lot		
	Board-Ups. Field Office, Shed, Barracks, and Warehouse.	1.00	lot		
	Direct Cost				
	Tax				
	Sub Total				
2.00	EXISTING CONDITIONS.				
2.1	(Demolition & Chipping of tiles, Cutting of Louvers(upper part of canopy), Cutting of existing railings and repair of zocalo, Hauling and disposal of construction debris off site. Hauling of existing materials to the University Stock Room. ; all in accordance with plans and specifications.)	1	lot		
	Labor cost				
	Direct Cost				
	Indirect cost (O.C.M. and Profit)				
	Tax				
	Sub Total				
3.00	MOISTURE & THERMAL CONTROLS . Supply and Application of Cementitious Water Proofing (acrylic polymer). Cleaning and surface preparation by removing existing dirt, algae, paints and waterproofing .				
3.10	to floor		sq.m.		
	Material cost				
	Labor cost				
	Direct Cost				
	Indirect cost (O.C.M. and Profit)				
	Tax				
	Sub Total				
4.00	SCAFFOLDING AND SHORING. Supply, fabrication, installation of all necessary hardware, fixing accessories, scaffolding, shoring, and staging, equipment and tools as described on plans and specifications				
	Scaffolding and Shoring	1.00	lot		
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect cost (O.C.M. and Profit)				
	Tax				
	Sub Total				
5.00	METAL WORKS. Supply, fabricate and installation of Column, Purlins, Beams & Girders, Fascia Frame and Stainless Steel Railings including scaffoldings, welding connections, grout/epoxy , fixing accessories, primer painting(included on painting works), usage of tools and equipments and all necessary items to complete the works as per plan and specification.				



5.1	To Column				
	4" GI PIPE S.40			length	
	Stiffener Plate/ Flat Bar 3" x 6mm			length	
	Anchor Bolt 3/4" X 18 " X 4"			pcs	
	Base Plate 300mm x 300mm x 12mm			pcs	
	Consumables			lot	
5.2	To Purlins, Beams & Girders				
	2 x 6 x 1.5mm THK TUBULAR BAR			length	
	2 x 3 x 1.2mm THK TUBULAR BAR			length	
	Consumables			lot	
5.3	To Fascia Frame				
	1"x3.5mm Flat Bar			length	
	1" x 1" x 3.5 mm ANGLE BAR			length	
	Consumables			lot	
5.4	To Railings				
	1"Øx1.5mm THK Stainless Steel TUBING			length	
	2"Øx1.5mm THK Stainless Steel TUBING			length	
	Consumables			lot	
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect cost (O.C.M. and Profit)				
	Tax				
	Sub Total				
6.00	ROOFING WORKS. Supply and installation of roofing sheet and accessories(Metaplas Roofing Twin Rib Type 2.5mm thk and 0.5mm thk pre-painted accessories) with structural steel framing including all necessary accessories , usage of tools and equipment to complete the works as per plan and specification.				
	Roofing Sheets and Accessories				
	METALPLAS ROOFING TWIN RIB TYPE 2.5mm thk			LM	
	0.5MM THK PRE PAINTED END FASCIA FLASHING			length	
	0.5MM THK PRE PAINTED APRON FLASHING/WALL FLASHING			length	
	Fascia Board. Supply and Installation of 12mm ficem board with accessories, 200mm width			length	
	Consumables			lot	
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect cost (O.C.M. and Profit)				
	Tax				
	Sub Total				
7.00	FLOOR FINISHES. Supply and installation of tiles including topping, mortar, grouting, jointing, necessary accessories and other required items to complete the works, as described on issued plans and specifications				
7.1	Tile Works				
	600 X 600 Outdoor Unglazed Tiles			pc	
	Heavy Duty Tile Adhesive			pc	
	Joint Filler			kg	
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect cost (O.C.M. and Profit)				
	Tax				
	Sub Total				
8.00	PAINTING WORKS. Supply and application of specified paint and coatings including all necessary surface preparation, treating, neutralizing, patching, sanding, grinding, cleaning, primary coating, top coating, usage of tools and all sundry items to complete the works, as described on issued plans and specifications.				
8.1	TO METALS. (GI PIPE 4" , 1"x3.5mm Flat Bar , 1" x 1" x 3 mm ANGLE BAR , 2 x 3 x 1.2mm THK TUBULAR BAR, 2 x 6 x 1.5mm THK TUBULAR BAR, Stiffener Plate, Anchor Bolt , Base Plate) 1 coat primer , 2 coats top coat				
	Epoxy Primer			gal	



	Enamel		gal		
	Paint Thinner		gal		
	Miscellaneous		lot		
8.2	TO CONCRETE. (Wall, Zocalo, Canopy) 1 coat primer , 2 coats top coat				
	Skimcoat		bags		
	Primer & Sealer		gal		
	Semi-gloss Latex Topcoat		gal		
	Miscellaneous		lot		
	Material Cost				
	Labor Cost				
	Direct Cost				
	Indirect cost (O.C.M. and Profit)				
	Tax				
	Sub Total				
	TOTAL COST OF PROJECT				
Breakdown of Project Cost:					
		Materials			
		Labor Cost			
	DIRECT COST	Total Direct Cost			
		O.C.M. and Profit			
	INDIRECT COST	Tax			
	TOTAL COST OF PROJECT				

Total bid cost in words:

Prepared by:

Approved:

Estimator

Bidder/Contractor

Date

