



Republic of the Philippines
ILOILO SCIENCE AND TECHNOLOGY UNIVERSITY

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Project Title: SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF POWER SUPPLY SYSTEM FOR WELDING BOOTHS AT CIVIL TECHNOLOGY BUILDING

Location: ISAT U, MAIN CAMPUS, ILOILO CITY CAMPUS

DETAILED COST ESTIMATE for ELECTRICAL WORKS

DERIVATION OF UNIT COST		Unit Cost			
		Quantity	1.00 lot		
Item of Work :	Supply, Installation, Testing & Commissioning of Power Supply System for Welding Booths at Civil Tech Building				
Item No. :	I POWER SUPPLY SYSTEM FOR WELDING BOOTHS				
Work Description :	Electrical Works				
I- DIRECT COST					
SN	DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
I. MATERIAL COST					
1.1	Power Panelboard, PP, 350A Frame, 230V, 3Ph, 60Hz, 3 Wires + Ground, Surface mounted on wall, tin coated busbars, 12 holes, Bolt-on, with the following circuit breakers: Main MCCB: 300AT/350AF, 3P, 35KAIC Branch MCCB's: 8Nos.- 150AT/200AF, 2P, 18KAIC 2Nos.- 100AT/200AF, 2P, 18KAIC 2Nos.- 60AT/100AF, 2P, 18KAIC	assy.	1.00		
1.2	Safety Power Disconnect Switch, unfused, 150A, 2Pole, 230V, 60HZ, in NEMA 3, Enclosure	assy.	8.00		
1.3	Safety Power Disconnect Switch, unfused, 100A, 2Pole, 230V, 60HZ, in NEMA 3, Enclosure	assy.	2.00		
1.4	3x150mm ² CU./THWN-2 + 14mm ² CU./TW (green), including containment and service weatherhead cap	lot	1.00		
1.5	2x38mm ² CU./THWN-2 + 8.0mm ² CU./TW (green), including containment and accessories	lot	1.00		
1.6	2x22mm ² CU./THWN-2 + 5.5mm ² CU./TW (green), including containment and accessories	lot	1.00		
1.7	Testing & Commissioning	lot	1.00		
Subtotal of Materials Cost					
II. LABOR COST :					
		QTY.	Working Days	Rate	
	Electrical Engineer		days		
	Foreman		days		
	Electrician		days		
	Labor		days		

SN	DESCRIPTION	UNIT	QUANTITY	UNIT COST	AMOUNT
Subtotal of Labor Cost					
III. EQUIPMENT COST :					
	Equipment Unit Cost	lot	1.00		
SUB-TOTAL OF LABOR AND EQUIPMENT :					
TOTAL DIRECT COST					
IV. INDIRECT COST					
	Overhead, Contingencies & Misc. (OCM)				
	Profit				
	VAT				
TOTAL INDIRECT COST					
TOTAL COST OF WORK ITEM					

(Signature above Contractor/Bidder's Name)