

Project: **Supply of Materials, Labor, and Equipment for the Maintenance of Floodlight Tower at Block 13 (MPF-MOC-12-2025)**

Location: Port of Cagayan de Oro

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1.0	Removal of existing floodlight and installation and rewiring of higher wattage LED floodlight of floodlight tower at Block 13	1.00	Lot		
<b>Work Description</b> Supply of materials, labor and equipment for the removal of existing floodlight and installation and rewiring of higher wattage LED floodlight of floodlight tower					
<b>Materials</b> 300W Hi-Power LED Floodlight, Daylight, Water Proof AC Voltage: 220-240V, 60Hz 24,000 Lumens or Greater Lifetime: 15,000 Hours or Greater Protection Standard: IP65-IP66 Heavy Duty of known Good and High Quality Brand Material shall be in accordance to electrical codes and standards					
	#10/2C Royal Cord	2.00	roll		
	#8 THHN/THWN Stranded Copper Wire	2.00	roll		
	Rubber Tape	20.00	roll		
	Electrical Tape (Strong Adhesion, Flame Retardant)	20.00	roll		
<b>Equipment</b> 1 - Straight Boom Lifts, Telescopic, 1000 lbs x 116' range (rent) 1 - Portable Grinder					
		3.00	day(s)		
		3.00	day(s)		
<b>Manpower</b> 1 - Electrician 3 - Skilled Labor					
		5.00	day(s)		
		5.00	day(s)		
ESTIMATED DIRECT COST				P	
ESTIMATED INDIRECT COST				P	
TOTAL COST OF WORK ITEM 1				P	

2.0	Underground rewiring of power supply for floodlight tower and installation of control panel for floodlight towers	1.00	Lot		
<b>Work Description</b> Supply of materials, labor and equipment for the underground rewiring and installation of control panel for floodlight tower					
<b>Materials</b> Metal Enclosure Electrical Circuit Panel Box, Weatherproof SC-N2 Magnetic Contactor Selector Switch, 3 Position Push Button, Normally Open Push Button, Normally Close Photo Switch 10A, Heavy Duty 40 Amps Molded Case Circuit Breaker Pilot Lamp - Green Pilot Lamp - Red #8 Terminal Lugs (U-Type) #10 Terminal Lugs (U-Type) Power Relay, 0-250V, 12 Amps Portland Cement 2" Electrical PVC Pipe 60 Amps 3 Phase Bolt-On Breaker #10/2C Royal Cord					
		2.00	pcs		
		2.00	pcs		
		2.00	pcs		
		2.00	pcs		
		2.00	pcs		
		2.00	pcs		
		2.00	pcs		
		2.00	pcs		
		15.00	pcs		
		15.00	pcs		
		2.00	pcs		
		1.00	bag		
		30.00	pcs		
		1.00	pc		
		2.00	roll		
<b>Equipment</b> 1 - Welding Machine 1 - Portable Grinder					
		5.00	day(s)		
		5.00	day(s)		
<b>Manpower</b> 1 - Electrician 3 - Skilled Worker					
		5.00	day(s)		
		5.00	day(s)		
ESTIMATED DIRECT COST				P	
ESTIMATED INDIRECT COST				P	
TOTAL COST OF WORK ITEM 2				P	
TOTAL AMOUNT				P	