Project: **Supply of Materials, Labor and Equipment for the Maintenance of Single Arm Solar Lamp Posts at Block 14 Perimeter (MPF-MOC-13-2025)**

Location: Port of Cagayan de Oro

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
1.0	**Supply and Installation of Integrated Solar Lamp Posts**	1.00	Lot		

Work Description

Supply of materials, labor and equipment for maintenance/repalcement of existing solar lamp post to integrated soalr lamp post

Materials

SOLAR INTEGRATED LED STREETLIGHT				
Led Power: 100W				
IP Grade: IP66				
Solar Panel Life Time: 25 Years				
Solar Panel: Monocrystalline Solar Panel 36V, 100W				
Battery Type: 512WHV/25.6V LiFePO4 Battery	12.00	Set		
Charging Time (By Sun): 6-7 Hours (With Enough Strong Shine)				
Discharge Time: 5-7 Rainy Days				
Controller: MPPT Controller				
Steel Pole with Complete Anchor and Bolts				
Certification: ISO, CE, ROHS				
G.I. Pipe, 2", Scheduled 40	4.00	Length		
Welding Rod	10.00	Kgs		
Wash Sand	3.00	cu.m		
Gravel	3.00	cu.m		
Portland Cement	45.00	bag		
Deformed Steel Bar 10mm	60.00	Length		
Deformed Steel Bar 12mm	45.00	Length		
G.I Wire	5.00	Kgs		

Equipment

1 - Straight Boom Lifts, Telescopic, 1000 lbs x 116' range (rent)	5.00	day(s)		
1 - Portable Grinder	5.00	day(s)		
1 - Welding Machine	5.00	day(s)		

Manpower

1 - Electrician	5.00	day(s)		
1 - Foreman	5.00	day(s)		
3 - Skilled Labor	5.00	day(s)		

ESTIMATED DIRECT COST	₱
ESTIMATED INDIRECT COST	₱
TOTAL COST OF WORK ITEM 1	₱

TOTAL AMOUNT ₱