

## BILL OF QUANTITIES

**Project Name :** Routine and Maintenance of Existing Eleven (11) Units Non-Operational Solar Streetlights at the Ports of Tagpopongan, Mati, And Maco

**Location :** Tagpopongan, IGACOS, Davao del Norte / Mati, Davao Oriental / Maco, Davao de Oro

Item No.	Description	Unit	Quantity	Unit Cost	Amount
<b>1</b>	<b>Mobilization / Demobilization at Pesos:</b>	Lot	1.00		
	_____ per lot (Amount in words)				
<b>2</b>	<b>Removal and Turn-over to Sasa Baseport of Existing Non-Operational Solar Streetlights at the Port of Tagpopongan (4-units), Mati (3 units), and Maco (4 units) at Pesos:</b>	Units	11.00		
	_____ per unit (Amount in words)				
<b>3</b>	<b>Supply, installation, commissioning, and testing of industrial grade (heavy duty) semi-integrated solar streetlights complete set at the ports of Tagpopongan (4-units), Mati (3-units), and Maco (4-Units)</b> <b>Solar Module: 160w/DC36V Monocrystalline Silicon, 25 years lifetime.</b> <b>LED power: 80W-120W, 5050 LED chip, 180lm/w, at least 50000 hours</b> <b>Luminous Flux: 12800-14400 lm</b> <b>Battery: LiFePO4 (Lithium-ion ferrous phosphate), 614.4 WH/DC 25.6V, 24AH, 10-15 years lifetime.</b> <b>Charge time: 6-8 hours by strong sunlight</b> <b>Controller: Smart MPPT controller</b> <b>Working Temp.: -25°C - +65°C</b> <b>Color Temp.: 3000K - 6500K</b> <b>Mounting Height: 8-10M</b> <b>Housing material: high quality die-casting aluminum, light weight, strong and corrosion resistant, anti-rust. Making it able to resist strong wind load of up to 130 MPH that can last more than 25 years.</b> <b>Certificates: CE / ROHS / IP65 / ISO9001</b> <b>Warranty period as prescribed in the 2016 Revised IRR of R.A. 9184 at Pesos:</b>	Units	11.00		
	_____ per unit. (Amount in words)				

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<b>4</b>	<b>Supply of labor, materials, and equipment for the fabrication / installation of project billboard at Pesos:</b>	Units	3.00		
	_____ per unit. <b>(Amount in words)</b>				
<b>5</b>	<b>Construction Safety &amp; Health Program (as required under DOLE D.O. No. 13 and PPA EC No. 01-2020) at Pesos:</b>	Lot	1.00		
	_____ per lot <b>(Amount in words)</b>				
<b>Total Cost of Bid (inclusive of 12% VAT and all other taxes) &gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;&gt;</b>					<b>₱</b>
<b>Amount in words</b>					
Submitted By :					
Name and Signature of Authorized Representative _____					