

Project Title	:	<b>Installation of Solar Powered LED Street Lights for Areas Within the JHSEZ</b>
Location	:	John Hay Special Economic Zone, Camp John Hay, Baguio City
Subject	:	Bill of Quantities

**Item 1 : Excavation and Backfilling Works Qty:= 1.00 lot**

<b>1. LABOR</b>				
<i>Qty</i>	<i>Description</i>	<i>Rate</i>	<i>No. of Days</i>	<i>Amount</i>
	Unskilled	per day	for day =	P -
<b>Sub-Total</b>				P -
		Direct Cost		P -
		Indirect Cost		P -
		Taxes 7%	P -	
		OCM 15%	P -	
		Contractors Profit 10%	P -	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

**Item 2 : Concrete Works Qty:= 1.00 lot**

<b>1. MATERIALS</b>				
<i>Qty</i>	<i>Unit</i>	<i>Description</i>	<i>Unit Cost</i>	<i>Amount</i>
76	bg	Protland Cement	per bg =	P -
5	cu m	River Sand	per cu m =	P -
9	cu m	Gravel	per cu m =	P -
109	pcs	16 mmØ rebars	per pcs =	P -
107	pcs	10 mmØ rebars	per pcs =	P -
10	kgs	Welding Rod	per kgs =	P -
<b>Sub-Total</b>				P -
<b>2. LABOR</b>				
<i>Qty</i>	<i>Description</i>	<i>Rate</i>	<i>No. of Days</i>	<i>Amount</i>
2	Skilled	per day	for day =	P -
4	Unskilled	per day	for day =	P -
<b>Sub-Total</b>				P -
<b>3. EQUIPMENT RENTAL</b>				
<i>Qty</i>	<i>Description</i>	<i>Operated Rate</i>	<i>No. of Days</i>	<i>Amount</i>
1	Welding Machine	per day	for day =	P -
<b>Sub-Total</b>				P -
		Direct Cost		P -
		Indirect Cost		P -
		Taxes 7%	P -	
		OCM 15%	P -	
		Contractors Profit 10%	P -	
<b>TOTAL ITEM COST</b>				<b>P -</b>
<b>Unit Cost</b>				<b>P -</b>

Item 3 : LED Solar Streetlights with Pole Erection,  
Installation, Testing and Commissioning

Qty:= 1.00 lot

1. MATERIALS				
Qty	Unit	Description	Unit Cost	Amount
38	sets	Material : Aluminum Alloy or Equivalent, Heavy Duty, Rust Proof	per set =	P -
		LED Lights: 12 Volts, 40 Watts, 4,000 to 4,300 LM, High Power, High Brightness, White Color with complete accessories		
		Solar Panel: 12 Volts, 100 Watts, High Efficiency, Aluminum Frame, Tempered Glass with complete accessories		
		Battery: Lithium or Equivalent Type, 120 AH Capacity, Sealed Type, Maintenance Free with rack and complete accessories		
		Intelligent Solar Controller: 15 Amps., 12 Volts, Automatic Light and Time Control, Over Charging/Discharging Protection, Reverse Connection Protection, Automatic Switch On/Switch Off with complete accessories		
		Pole Type: Pre-painted Hot Dipped Galvanized Steel Pole, 7 to 8 meters, with complete accessories, Rust Proof		
			Sub-Total	P -

<b>2. LABOR</b>				
<i>Qty</i>	<i>Description</i>	<i>Rate</i>	<i>No. of Days</i>	<i>Amount</i>
1	Foreman	per day	for days =	P -
1	Skilled	per day	for days =	P -
8	Unskilled	per day	for days =	P -
<b><i>Sub-Total</i></b>				P -
Direct Cost				P -
Indirect Cost				P -
	Taxes	7%	P -	
	OCM	15%	P -	
	Contractors Profit	10%	P -	
<b><i>TOTAL ITEM COST</i></b>				<b>P -</b>
<b><i>Unit Cost</i></b>				<b>P -</b>
<b>GRAND TOTAL COST</b>				<b>P -</b>
<b>SAY</b>				<b>P</b>

Prepared by:\_\_\_\_\_