

## BOQ FOR REHABILITATION OF SWAT IN MANYO COUNTY

0					
S/No.	Items	Units	Qty	Unit cost in \$	Amount in \$
1	Site clearance and mobilization	Lumpsum	1		0
	<b>Sub-total</b>				<b>0</b>

SOLAR PANEL SHELTER CONSTRUCTION (STORE)					
S/No.	Items	Units	Qty	Unit cost in \$	Amount in \$
1	Cement	Bags	5		0
2	River sand	Trips	3		0
4	Iron sheet	Pieces	3		0
5	Welding rod	Packet	2		0
6	Course aggregate 1/4 (gravel)	M3	1		0
7	Hinges	Pcs	4		0
8	Tower bolt	Piece	4		0
	<b>Sub-total</b>				<b>0</b>

PLUMBING WORKS/ELECTRICAL					
S/No.	Items	Units	Qty	Unit cost in \$	Amount in \$
1	Taps/insatllation	Ls	1		0
3	Submersible flat cable 6mm*3core	Metre	5		0
4	Dc cable 10mm for joining the modules	lm	20		0
5	Earthing and lighting arrestor	lm	1		0
6	Lithium battery-Lithium-Ion Options: Battle Born LiFePO4: 100 Ah, 12V, great for solar storage.	Piece	10		0
7	Float switch and splicing kite	LS	2		0
9	Repair of generator ALFA/service	LS	2		0
10	1.25 inch HDPE pipe complete with adaptor	LS	20		0
11	Chlorine hypchloride 25kg	Tin	45		0
12	Solar pump inverter	Piece	1		0

13	<b>Solar panel</b> -Peak Power Watts-P MAX (Wp): 550 W Maximum Power Voltage-VMPP (V): 41.6 V Maximum Power Current-IMPP (A): 13.21 A Solar Cells: Monocrystalline No. of cells: 144 cells Maximum Efficiency: 21.7%	Piece	5		0
14	Installation cost for the water pump	LS	1		0
	<b>Sub-total</b>				<b>0</b>

<b>SUMMARY</b>					
1	Preminary				
2	Shelter repair/other				
3	Plumbing work/electircal				
6	<b>Labor Cost</b>				
	<b>Grand Total in \$</b>				