



Republic of the Philippines  
**DEPARTMENT OF AGRICULTURE WESTERN VISAYAS**  
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## BILL OF QUANTITIES

Project Title: Establishment of Brgy. Baliwagan Solar Powered Irrigation System (SPIS)  
 Location: Brgy. Baliwagan, Sari Enrique, Negros Occidental

Item No.	Scope of Works	Quantity	Unit	Unit Price	Total
<b>A</b>	<b>Temporary Facility/Field Office</b>				
A.1.1 (3)	Provision of Temporary Facility (Rental Basis)	1.00	lot		
<b>B.</b>	<b>GENERAL REQUIREMENTS</b>				
B.1	Project Billboard, Marker, Signboard & COA Billboard	1.00	lot		
B.2	Mobilization/Demobilization	1.00	lot		
<b>C.</b>	<b>DRILLING WORKS</b>				
C.1	Well Construction (with groundwater/pumping test)	1.00	lot		
<b>D.</b>	<b>SOLAR MOUNTING STRUCTURES AND ACCESSORIES</b>				
D.1	Structural Excavation	3.06	cu.m		
D.2	Structural Backfill	0.58	cu.m		
D.3	Leveling Course	0.13	cu.m		
D.4	Reinforcing Steel Bars	103.91	kgs		
D.5	Formworks	6.72	sq.m		
D.6	Concrete Works (Class A)	0.82	cu.m		
D.7	Solar Power Module Mounting Structure (with Inverter cage)	1.00	lot		
D.8	Solar Power Module (6600 Wp, Minimum)	1.00	lot		
D.9	Inverter and Controller 5.5 KW w/ accessories	1.00	unit		
D.10	Submersible Pump ( 5hp)	1.00	unit		
D.11	Pipes Fittings and Other Accessories	1.00	lot		
<b>E.</b>	<b>ELEVATED TANK</b>				
E.1	Structural Excavation	1.73	cu.m		
E.2	Structural Backfill	0.90	cu.m		
E.3	Leveling Course	0.07	cu.m		
E.4	Reinforcing Steel Bars	84.49	kgs		
E.5	Formworks	5.60	sq.m		
E.6	Concrete Works Class A	0.79	cu.m		
E.7	Tank Post and Frame, Water Tank	1.00	lot		
		<b>TOTAL</b>			