

BILL OF QUANTITIES					
Project Title:		ESTABLISHMENT OF POBLACION ILAYA SOLAR- POWERED IRRIGATION SYSTEM (SPIS)			
Brgy./Mun./Province		Brgy. Poblacion Ilaya, Dao, Capiz			
Item No.	Scope of Works	Quantity	Unit	Unit Price	Amount
I.	GENERAL ITEM				
SPL1	TEMPORARY FACILITY	1.00	lot		
SPL2	PROJECT SIGNBOARD (1-4'x8'), COA BILLBOARD (1-8'x8'), AND PROJECT MARKER	1.00	lot		
SPL3	MOBILIZATION/DEMOBILIZATION	1.00	lot		
II.	SOLAR PUMP/ PV ARRAY/MOUNTING STRUCTURE				
803	STRUCTURE EXCAVATION (FOR FOUNDATION/PEDESTAL)	4.12	cu.m		
404	REINFORCING STEEL BARS	592.00	kg		
414	FORMWORKS	49.00	sq.m		
405	CONCRETE WORKS (2400 psi)	4.12	cu.m		
1705	STRUCTURE BACKFILL	2.94	cu.m		
SPL4	SOLAR POWER MODULE MOUNTING STRUCTURE	1.00	lot		
SPL5	SOLAR POWER MODULES (21,600 WP)	72.00	unit		
SPL6	INVERTER & CONTROLLER (20 HP)	1.00	unit		
SPL7	SOLAR PUMP (SUBMERSIBLE, 15 HP)	1.00	unit		
III.	POWER HOUSE				
803	STRUCTURE EXCAVATION	1.45	cu.m		
414	FORMWORKS	97.13	sq.m		
405	CONCRETE WORKS (2400 psi)	2.01	cu.m		
404	REINFORCING STEEL BARS	433.86	kg		
704.3	MASONRY	16.45	sq.m		
1027	PLASTERING	32.90	sq.m		
1708	LEVELING COURSE	1.20	cu.m		
403	PRE-FABRICATED DOOR	1.00	lot		
1705	STRUCTURAL BACKFILL	0.25	cu.m		
1032	PAINTING WORKS (WITH RUBBERIZED DA- WESTERN VISAYAS LOGO)	32.90	sq.m		
IV.	INTAKE, SUMP, CONCRETE STEPS, STILLING POOL, AND DISTRIBUTION CANAL				
1700	SITE CLEARING AND GRUBBING	60.15	sq.m		
803	STRUCTURE EXCAVATION	1,552.25	cu.m		
1705	STRUCTURE BACKFILL	590.02	cu.m		
414	FORMWORKS AND SCAFFOLDINGS	1,077.45	sq.m		
405	CONCRETE WORKS (3000 psi)	92.41	cu.m		
404	REINFORCING STEEL BARS	4,258.30	kg		
1708	LEVELING COURSE	13.00	cu.m		
1710	GROUTED RIPRAP	38.90	cu.m		
SPL8	TRASHRACK	4.59	sq.m		
1719	PVC PIPE (WEEP HOLES WITH GRAVEL FILTER)	1.00	lot		
V.	PERIMETER FENCE				
800(1)	SITE CLEARING AND GRUBBING	60.15	sq.m		
803	STRUCTURE EXCAVATION	1.73	cu.m		
1705	STRUCTURE BACKFILL	1.00	cu.m		
414	FORMWORKS	13.00	sq.m		
405	CONCRETE WORKS (2000 psi)	1.13	cu.m		
404	REINFORCING STEEL BARS	35.00	kg		
1708	LEVELING COURSE	0.45	cu.m		
403	STRUCTURAL STEEL	1.00	lot		
1032	PAINTING WORKS	194.40	sq.m		
SPL9	SOLAR FLOOD LIGHT	4.00	set		
VI.	PIPES, FITTINGS, AND OTHER ACCESSORIES				
SPL10	DELIVERY PIPE (6"Ø G.I. PIPE, SCH. 40), FITTINGS, AND OTHER ACCESSORIES	1.00	lot		
		TOTAL			