

Republic of the Philippines			
DEPARTMENT OF AGRICULTURE			
Western Visayas			
BILL OF QUANTITIES			
Project Title:		CONSTRUCTION OF RICE PROCESSING CENTER III (WAREHOUSE)	
Category:		New Construction	
Brgy./Mun./Province		Brgy. Taloc, Bago City, Negros Occidental	
Total Project Cost:		₱25,871,287.10	
Source of Fund/Year		Department of Agriculture	
Project Description: Construction of Warehouse (Reinforce Concrete Works, Masonry works, Backfilling & Embankment, Finishing works, Roof framing and Cladding, Plumbing works, Electrical works and Painting works.)		Project Duration:	120 CD
		Equipment Needed:	1-bagger Concrete Mixer, Welding machine, Bar cutter & Plate Compactor Excavator 1.0 cu.m.
		Technical Personnel:	Foreman
			Skilled Worker
			Unskilled Worker
Item No.	Scope of Works	Quantity	Unit
PART I	GENERAL REQUIREMENTS		
SPL1	GEOTECHNICAL EXPLORATION & STRUCTURAL ANALYSIS	1.00	lot
SPL2	PERMITS & CLEARANCES	1.00	lot
SPL3	TEMPORARY FIELD OFFICE	1.00	lot
SPL4	SIGNBOARD/BILLBOARD (1-4'x8' and 1-8'x8') & PROJECT MARKER	1.00	lot
SPL5	CONSTRUCTION SAFETY & HEALTH	1.00	lot
SPL6	MOBILIZATION/DEMOBILIZATION	1.00	lot
PART II	SITE DEVELOPMENT & EARTH WORKS	-	-
2.1	CLEARING & LAYOUT	2,200.00	sq.m
2.2	EMBANKMENT (Compacted)	5035.60	cu.m
2.3	EXCAVATION (Mechanical)	472.00	cu.m
2.4	BACKFILLING (Compacted)	304.00	cu.m
2.5	LEVELING COURSE (Compacted)	132.00	cu.m
2.6	FALSE WORK	1.00	lot
PART III	REINFORCED CONCRETE WORKS		-
3.1	FOOTING	39.00	cu.m
3.2	COLUMN	50.45	cu.m
3.3	FOOTING TIE BEAM (FTB)	28.00	cu.m
3.4	CHB FOOTING (CF)	9.54	cu.m
3.5	STIFFENER BEAM (SB)	3.58	cu.m
3.6	BEAM 1, 1-A & 1-B	18.46	cu.m
3.7	BEAM 2	9.86	cu.m
3.8	BEAM 3, 3-A & 3-B	18.27	cu.m
3.9	ROOF BEAM (RB)	17.50	cu.m
3.1	CONCRETE GUTTER	10.56	cu.m
3.1	SLAB ON GRADE	156.08	cu.m
3.1	STAIRS & RAMP	4.21	cu.m
3.1	TRANSFORMER PAD	2.35	cu.m
3.1	DRAINAGE	25.00	cu.m
PART IV	MASONRY WORKS, WALL FRAMING & CLADDING		-
4.1	MASONRY WORKS	725.00	sq.m
4.2	WALL FRAMING	5,554.00	kg
4.3	WALL CLADDING	1,117.00	sq.m
PART V	ROOF FRAMING & CLADDING WORKS		-
5.1	ROOF FRAMING		-
5.1.a	TRUSS	9,836.00	kg
5.1.b	GIRTS & STRUT	5,019.00	kg
5.1.c	CANOPY	2,690.00	kg
5.1.d	PURLINS	12,278.00	kg
5.1.e	TENSION ROD & SAGROD	1.00	lot
5.2	FLASHING, FASCIA & GUTTER	444.00	l.m
5.3	ROOF CLADDING	1,229.00	sq.m

PART VI	PLUMBING & SANITARY WORKS		-
6.1	SEPTIC VAULT	1.00	lot
6.2	CATCH BASIN	16.00	unit
6.3	PIPES, FITTINGS & SANITARY ACCESSORIES	1.00	lot
PART VII	ELECTRICAL WORKS		-
7.1	CONDUITS, BOXES & FITTINGS	1.00	lot
7.2	WIRES AND WIRING DEVICES	1.00	lot
7.3	POWER LOAD CENTER, SWITCHGEAR & PANEL BOARDS	1.00	lot
7.4	TRANSFORMER (3-167kVA)	3.00	set
7.5	SOLAR STREET LIGHT	6.00	set
7.6	SOLAR PHOTOVOLTAICS		-
7.6.a	ALUM. RAILINGS & CLAMPS	1.00	lot
7.6.b	SOLAR PHOTOVOLTAIC MODULE (39,600 Watts)	88.00	pc
7.6.c	INVERTER (25kVA), BREAKERS, WIRINGS & DEVICES	1.00	lot
PART VIII	FINISHING TOUCHES AND ATTACHMENTS		-
8.1	PLASTERING (Smooth Finish)	815.00	sq.m
8.2	PAINTING WORKS		-
8.2.a	PAINTING WORKS (MASONRY)	815.00	sq.m
8.2.b	PAINTING WORKS (METAL STRUCTURE)	1.00	lot
8.3	STEEL SLIDING DOOR	3.00	set
8.4	DOORS, WINDOWS & STEEL LOUVERS	1.00	lot
PART IX	MULTI-PURPOSE DRYING PAVEMENT		-
9.1	EXCAVATION	16.80	cu.m
9.2	EMBANKMENT (Compacted)	105.00	cu.m
9.3	WALL FOOTING (Reinforced Concrete)	3.65	cu.m
9.4	MASONRY WORKS	80.00	sq.m
9.5	CONCRETE PAVEMENT (Reinforced Concrete)	45.00	cu.m
9.6	PLASTERING (Smooth Finish)	40.00	sq.m