



PROJECT: CONSTRUCTION AND / OR REHABILITATION OF MULTI-PURPOSE INCLUDING 500,000 FOR SPORTS FACILITIES Phase 1a
 LOCATION: KSU Bulanao Campus, Tabuk, Kalinga

ITEM No.	ITEMS OF WORK	QTY	UNIT	SCOPE OF WORKS
1047	METAL STRUCTURES (Steel Truss)	2,934.00	kgs.	-covers item @ grid A-B and 1-5 as specified in the plan. -specs are as follows: A. G.I. PIPE TRUSS *Angle Bar 1 1/2" x 1 1/2" x 6mm Thk. X 6m *Splice Block Angle Bar 2" x 2" x 6mm thk. X 6m *C-Purlins 50 x 100mm x 6m x 1.2mm thk. *Sag Rod Plain Round Bar 12mm dia. X 6m *Welding Rod *Purlin Connector Angle Bar 50mm x 50mm x 5mm thk. X 6m *Epoxy Primer Red Paint *Paint Brush x 100mm *Paint Thinner *Anchor Bolt x 16mm dia. *MS. Plate 12mm x 300mm x 1400mm *G.I. Pipe schedule 40 1 1/2"D (38mm D) *G.I. Pipe schedule 40 25.4mm D
1014	PRE-PAINTED METAL SHEETS (CURVE TYPE)	245.00	sq. m.	-covers item @ grid A-B and 1-5 as specified in the plan. -specs are as follows: *Dura curve Prepainted Roofing 1.2 x 14.4m x .4 thk. *Teckscrew x 55 *Fed Seal/Vulcaseal 1 lit *End/Side Flashing .438 x 2.4m *blind Rivets *Prepainted Gutter GA 24 .701MM X 2.44
1002	PLUMBING WORKS (ROUGH-IN)	18.00	ln.m	-covers item @ grid A-B and 1-5 as specified in the plan -specs are as follows: * cement 1/4 lits *PVC Pipe 100mm dia. *PVC Pipe 50mm dia. Fittings: *PVC Elbow 90 deg 50mm *PVC Elbow 45 deg 50mm *PVC Elbow 45 deg 100mm *Sanitary Tee 100mm dia. *Sanitary Tee 50mm dia. *Sanitary Tee 100mm x 50mm dia. *Clean Out 100mm dia.
B.7	OCCUPATIONAL SAFETY AND HEALTH PROGRAMS	1.00	LOT	-covers safety equipments to be used during the construction

Prepared by:

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 Chairman for Planning

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Engr. RHONJHON R. GARMING
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Approved:

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 SUC President III



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505.2	GRouted RIPRAP, CLASS A	18.00	cu. m.	-covers items @ grid A - B & 1 to 5 as specified in the plan
803	STRUCTURE EXCAVATION	7.99	cu. m.	-covers item @ grid (1,A-B),(5,A-B),(A,1-3),(B,1-3) & (B,3-5) as specified in the plan
804	EMBANKMENT (Selected Fill Materials above Grade)	61.61	cu. m.	-covers item @ grid A-B and 3-5 as specified in the plan Includes backfilling of excavated materials
900	CONCRETE WORKS	12.39	cu. m.	-all concrete shall be class A = $f_c' \geq 21$ Mpa
	a. Stiffener column			-covers item @ grid A-B and 3&5 (height = 2m)
	b. Wall Footing			-covers item @ grid (1,A-B),(5,A-B),(A,1-3),(B,1-3) & (B,3-5) as specified in the plan
	c. Slab on Fill			-covers item @ grid A-B and 1-5
	d. Forms and Scaffolding			-it is suggested that the staging and scaffolding should be lumbars -specs are as follows: *portland cement *sand *gravel 1" *1/4" thk. plywood *form lumbars *lumber scaffolds *common wire nails (assorted)
902	REINFORCING STEEL BARS	430.26	kgs.	-all reinforcing bars shall be grade 40 fy \geq 414 Mpa
1046.2	MASONRY WORKS (CHB walls)	62.37	sq.m.	-covers item @ grid A',1-3 & at CR as specified in the plan -covers item @ grid (1,A-B),(5,A-B),(A,1-3),(B,1-3),(B,3-5) & (3,A-A') as specified in the plan -specs are as follows: *4" thk. CHB *sand *cement *10mm dia RSB grade 40 *no. 16 GI tie wire
1100	ELECTRICAL	1.00	ls	-covers item @ grid A-B And 1-5 as specified in the plan A. Materials : a. Lighting a.1 Boxes and fittings 1. Octagonal type Junction Boxes 2. Utility Boxes with cover a.2 Conduits 1. 15mm dia 'uPVC 2. 15mm dia 'uPVC locknut and bushing 3. 15mm dia PVC elbow a.3 Wires 1. 2.0mm sq THHN ISO certified B. Power b.1 Boxes and fittings 1. Utility Box with cover b.2 Conduits 1. 20mm dia 'uPVC 2. 20mm dia 'uPVC locknut and bushing 3. 20mm dia 'uPVC elbow b.3 Wires 1. 3.5mm sq THHN ISO certified C. Protection c.1 6 branches Panel Board, Center Tap, Oven Baked coating c.2 Circuit Breaker (2 pole) 1. 15AT/50AF UL listed circuit breaker 2. 20AT/50AF UL listed circuit breaker 3. 60AT/125AF UL listed circuit breaker, bolt-on type c.3 Wires 1. 14mm sq THHN wire (black/red) 2. 8.0mm sq THHN wire (green) c.4 Conduits 1. 32mm dia 'uPVC conduit 2. 32mm dia locknut and adapter D. Service Entrance 1. Service Entrance cap 2. RSC conduit 32mm dia

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