



DEPARTMENT OF SCIENCE & TECHNOLOGY
PHILIPPINE SCIENCE HIGH SCHOOL-SOCCSKSARGEN REGION CAMPUS
Brgy. Paraiso, City of Koronadal

Project: **INSTALLATION OF CENTRALIZED GENERATOR SYSTEM**
Subjec: BILL OF QUANTITITES
ABC FUNDING Php 6,800,000.00

ITEM	SCOPE OF WORK		QTY	UNIT	UNIT COST	TOTAL COST
1.0	GENERAL REQUIREMENTS					
	1.1	Mobilization/Demobilization	1	lot		
	1.2	1 - 625 KVA Generator Set w/ ATS, Wiring, Testing and Installation)	1	lot		
	1.3	Bonds, Insurances & Permits	1	lot		
	1.4	Temporary Utilities (Electricities & Water)	1	lot		
	1.5	Testing and Commisioning	1	lot		
		SUB-TOTAL 1.0				-
2.0	EARTHWORKS AND LAND DEVELOPMENTS					
	2.1	Excavation				
	2.1.1	Footing Pits/tie beams	10	Cu.M.		
	2.2	Earthfill				
	2.2.1	filling materials	20.00	Cu.M.		
		SUB-TOTAL 2.0				
3.0	STRUCTURAL WORKS					
	3.1	Reinforced Concrete Footing/Column/ beams (3500psi)				
	3.1.1	Type 1 Portland Cement	50.00	bags		
	3.1.2	Washed and screened Sand	4.00	Cu.M.		
	3.1.3	Gravel	8.00	Cu.M.		
	3.1.4	Gravel bedding	1.00	Cu.M.		
	3.1.5	12mm def bars grade 40	200.00	kgs		
	3.1.6	10mm def bars grade 33	100.00	kgs.		
	3.1.7	Ga 16 tie wire	10.00	kgs		
	3.2	Reinforced Concrete slab on fill (3000psi)				
	3.2.1	Type 1 Portland Cement	30.00	bags		
	3.2.2	Washed and screened Sand	2.00	Cu.M.		
	3.2.3	Gravel	4.00	Cu.M.		
	3.2.4	10mm def bars grade 33	155.00	kgs		
	3.2.5	Ga 16 tie wire	10.00	kgs		
	3.3	Formworks and scaffoldings				
	3.3.1	2x4x12 coco lumber	20.00	pcs		
	3.3.2	2x3x12 coco lumber	50.00	pcs		
	3.3.3	3/8" ord plywood	6.00	pcs		
	3.3.4	1/4" ord plywood	5.00	pcs		
	3.3.5	assorted common nails	1.00	box		
		SUB-TOTAL 3.0				
4.0	STEEL WORKS/ ROOFING					
	4.1	Steel Trusses and Purlins			-	
	4.1.1	1.2mm thk. X3x4 Cee Purlins	20	Length		
	4.1.2	2.0 mm thk. X3x4 Cee Purlins	10	length		

		4.1.3	Welding Rod	10	kgs		
4.2 ROOFING						-	
		4.2.1	0.4mm Pre-painted Long span Roofing	70	l.m.		
		4.2.2	0.4mm thk. Pre -painted Gutter	3	length		
		4.2.3	Tek Screw & Rivets	1	Kgs		
		4.2.4	G.I. Wire (G-16)	5	Kgs		
	4.3 Steel Matting Walls/Door						
		4.3.1	Steel Matting on Tubular Frame	1	lot		
		4.3.2	Steel Matting Doors	1	lot		
		SUB-TOTAL 4.0					
5.0	MASONRY WORKS						
	5.1	CHB Walls					
		5.1.1	CHB 4"	200	pcs		
		5.1.2	Type 1 Portland Cement	20	bags		
		5.1.3	Washed and screened Sand	2.0	Cu.M.		
	5.2	Catch Basin					
		5.2.1	Type 1 Portland Cement	8.00	bags		
		5.2.2	Washed and screened Sand	2.00	cu.m.		
		5.2.3	CHB 4'	100	pcs.		
	5.3	Plastering					
		5.3.1	Type 1 Portland Cement	20.00	bags		
		5.3.2	Washed and screened Sand	5.00	cu.m.		
		SUB-TOTAL 5.0					
6.0	PAINTING WORKS						
	6.1	Wall painting (3 coats)					
		6.1.1	chb walls	50.00	Sq.M.		
	6.2	Steel work painting					
		6.2.1	Epoxy Primer Gray	5.00	Gal		
		6.2.2	Epoxy reducer	5.00	Gal		
		SUB-TOTAL 6.0					
7.0	PLUMBING WORKS						
	7.1	Sanitary and Drainage Lines					
		7.1.1	PVC Pipe 4" S-40	7.00	length		
		7.1.2	PVC Pipe fittings	1.00	lot		
	7.2	Oil/Greese Trap		1.00	lot		
		SUB-TOTAL 7.0					
8.0	ELECTRICAL WORKS						
	8.1	8.1.1	THW Wire, 250 mm sqr.	510	MTRS.		
		8.1.2	pipe, 110 mm. dia., Neltex	40.00	PCS.		
		8.1.3	PVC Elbow, 110 mm dia., Neltex	32.00	PCS.		
		8.1.4	End Bell, pvc 110 mm. dia., Neltex	8.00	PCS.		
		8.1.5	Terminal box, 7 Sets, 3-250 mm. sqr.	1	LOT		
		8.1.6	Cable Trench, with cover	1.00	LOT		
		8.1.7	Electrical tape, large, 3M	42.00	ROLLS		
		8.1.8	Solderless Connector, Burndy brand	21.00	PCS.		
		8.1.9	250 mm. sqr.	6	QTRS.		
		SUB-TOTAL 7.0					
9.0	CEILING WORKS						
	9.1	External Eaves					
		9.1.1	PVC Soffits	10.00	Sq.M.		

		9.1.2	Metal Frames and Accessories	1.00	lot		
			SUB-TOTAL 8.0				
10.0	THERMAL CONTROL						
	10.1	Insulation		56	sq.m.		
			SUB-TOTAL 9.0				
			GRAND TOTAL				

Prepared by:

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Recommending Approval:

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