



Department of Science and Technology
Philippine Science High School
Central Mindanao Campus
Nangka, Balo-I, Lanao del Norte

Project : COMPLETION OF ROAD NETWORK / SITE DEVELOPMENT PHASE 4

BILL OF QUANTITIES - COST ESTIMATES

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL AMOUNT (Php)
1.0	GENERAL REQUIREMENTS				
1.1	Mobilization/Demob/Temp. Facilities	1.00	lot		
1.2	Safety	1.00	lot		
				Total 1.0	
2.0	R. Concrete Wall , Ground Improvement				
2.1	Excavation	15.00	cum		
2.2	R.C. Concrete, 3000-psi	35.00	cum		
2.3	Steel bars, 16mm dia x 6 m	80.00	pcs		
2.4	Steel bars, 12mm dia x 6 m	195.00	pcs		
2.5	Steel bars 10mm dia x 6 m	200.00	pcs		
2.6	PVC, 50mm dia x 3 m	7.00	pcs		
2.7	Formworks	1.00	lot		
2.8	Consumables	1.00	lot		
2.9	Labor	1.00	lot		
2.10	Equipment	1.00	lot		
2.11	Embankment fill	435.00	cu.m		
				Total 2.0	
3.0	Campus Landmark , Oval				
3.1	Cement	465.00	bags		
3.2	3/ 4" dia. Gravel	50.00	cum		
3.3	Sand	20.00	cum		
3.4	4 " CHB	1,000.00	pcs		
3.5	6" CHB	300.00	pcs		
3.6	Tiles, 0.60 X 0.60	170.00	pcs		
3.7	Tiles, 0.40 X 0.40	40.00	pcs		
3.8	Tiles, 0.30 X 0.30	100.00	pcs		
3.9	Steel bars, 16 mm dia	6.00	pcs		

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL AMOUNT (Php)
3.10	Steel bars, 12 mm dia.	3.00	pcs		
3.11	Steel bars, 10 mm dia.	170.00	pcs		
3.12	Cement Adhesive	6.00	bags		
3.13	Formwroks, consuables, etc	1.00	lot		
3.14	Electrical Works	1.00	lot		
3.15	Painting Works	1.00	lot		
3.16	Earth works	75.00	cum		
3.17	Korean Grass	30.00	sqm		
3.18	Labor	1.00	lot		
3.19	Stainless Steel Logo (3-faces)	1.00	Set		
				Total 3.0	
4.0	Signage (Materials: Outdoor Vinyl Sticker Digital Printing with Lamination, Base: ALCOM) , G.I. Sheet backing with angle bar framing, 2" dia. G.I. Post				
4.1	Traffic Signs, 2 ft. x 3 ft.	23.00	Sets		
4.2	Campus Directory/s, 2 ft. X 3 ft.	12.00	Sets		
				Total 4.0	
5.0	Parking Area				
5.1	Excavation	159.00	cum		
5.2	Base Coarse, Compaction	64.00	cum		
5.3	Concrete Slab, 6" thk	96.00	cum		
5.4	Forms	1.00	lot		
				Total 5.0	
6.0	Embankment Protection ACA2-ACA3				
6.1	Excavation	9.00	cum		
6.2	CHBlocks, 6"	760.00	pcs		
6.3	Gravel	5.00	cum		
6.4	Sand	15.00	cum		
6.5	Cement	164.00	bags		
6.6	Steel Bars, 10mm	107.00	pcs		
6.7	G.I. Pipe, 2" dia (tobe Supplied by PSHS-CMC)	32.00	length		
6.8	Cosumables, etc	1.00	lot		
6.9	Labor	1.00	lot		
				Total 6.0	

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL AMOUNT (Php)
7.0	Road re-alignment at Gym-Dorm 3				
7.1	Excavation	4.80	cu.m.		
7.2	Base Coarse, Compaction	2.40	cu.m.		
7.3	Concrete Slab, 0.15 thk	4.80	cum		
7.4	Formlumber, etc	1.00	lot		
				Total 7.0	
8.0	Roadway				
8.1	Concrete Roadway				
8.1.1	Clearing/Grubbing	1135.00	sqm		
8.1.2	Excavation	170.25	cum		
8.1.3	Embankment/Fill	140.00	cum		
8.1.4	Base Coarse, Compaction	113.50	cum		
8.1.5	Concrete Slab, 0.15 thk	170.25	cum		
8.1.6	Steel Bar, 12mm x 6m	1800.00	kgs		
8.1.7	Steel Bar, 20mm x 6m	270.00	kgs		
8.1.8	Formworks, etc	1.00	lot		
8.1.9	Asphalt	1.00	lot		
8.2	Cross Drain				
8.2.1	Excavation	5.00	cum		
8.2.2	Culvert , 12" dia	14.00	pcs		
8.2.3	CHB, 6"	64.00	pcs		
8.2.4	Cement	14.00	bags		
8.2.5	Sand	5.00	cum		
8.2.6	Steel Bar, 12mm dia	6.00	pcs		
8.2.7	Labor	1.00	lot		
				Total 8.0	
9.0	Landscapping / Shrub Planting				
9.1	Clearing / Site Preparation	1.00	lot		
9.2	Birds Nest	20.00	pcs		
9.3	Bucida	20.00	pcs		
9.4	Creeping Peanut	108.00	pcs		
9.5	Fire Ball	100.00	pcs		
9.6	Horetail	75.00	pcs		
9.7	Red Palm	15.00	pcs		
9.8	Eugenia Variegated	35.00	pcs		
9.9	Goden Papua	80.00	pcs		
9.10	Toothpick Plant	80.00	pcs		
9.11	Champion Plant	20.00	pcs		
9.12	Juniper Plant	30.00	pcs		
9.13	Red Canna Plant	100.00	pcs		

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT COST	TOTAL AMOUNT (Php)
9.14	Cryptanthus Plant	75.00	pcs		
9.15	Talisay	15.00	pcs		
9.16	Labor	1.00	lot		
				Total 9.0	

S U M M A R Y

ITEM	DESCRIPTION	TOTAL AMOUNT (Php)
1.0	General Requirements	
2.0	R.Concrete Wall , Ground Improvement	
3.0	Campus Landmark , Oval	
4.0	Signage	
5.0	Parking Area	
6.0	Embankment Protection ACA2-ACA3	
7.0	Road re-alignment at Gym-Dorm 3	
8.0	Roadway	
9.0	Landscapping / Shurb Planting	
Grand Total		

CONTRACTOR

Authorized Signatory
Over Printed Name

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CMC - ADMINISTRATIVE MATTERS: 30