

PROGRAM OF WORKS

BILL OF QUANTITIES

School	: TAYTAYAN INTEGRATED SCHOOL				Date:				
School I.D	: 501084				Budget Allocation:				
Region	: XI				Engineering and Administrative Overhead:				
Division	: Davao Oriental				Approved Budget for the Contract:				
Project Title	:				Completion Period: 120CD				
REPAIR OF THREE STOREY NINE CLASSROOMS DEPED STANDARD SCHOOL BUILDING - TAYTAYAN INTEGRATED SCHOOL					Minimum Required Manpower:				
					Civil Engineer		Welder	Carpenter	Helper
					Electrical Engineer		Mason	Painter	
					General Foreman		Electrician		
Location : Cateel, Davao Oriental					Minimum Required Equipment:				
					Hand Tools		Welding Machine		
					One-Bagger Mixer		Bar Cutter		
Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Adjusted Total Cost	
					Estimated Direct Cost	Unit Cost			
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)	
BLDG. 1 - THREE STOREY NINE CLASSROOMS DEPED STANDARD									
A.	Facilities for the Engineer								
A.1	Temporary Facilities		Month	5.00					
B.	Other General Requirements								
B.1	Fire Safety Inspection Certificate (FSIC)		lot	1.00					
SPL 1	Project Billboard		Each	1.00					
SPL 2	Construction Safety and Health		Ls	1.00					
C.	Mobilization and Demobilization								
C.1	Mobilization and Demobilization		Ls	1.00					
1.0000	Earthworks								
1 (a)	Clearing and Grubbing		sq.m	520.00					
1 (b)	Structural Excavation		cu m	18.06					
1 (d)	Gravel Bedding G-1		cu m	0.90					
2.0000	Concreting Works (3000 psi)								
2 (a)	Demolition of reinforced concrete		cu m	8.40					
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	1.14					
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)		cu m	2.42					
3.0000	Rebar Works								
3 (a)	Reinforcing Steel Bar, Grade 40		kg	1,194.99					
4.0000	Formworks								
4 (a)	Installation and Removal of Formworks		sq.m	500.00					
5.0000	Masonry Works								
5 (a)	Demolition of Masonry Wall		sq m	59.85					
5 (b)	Masonry (100 mm CHB)		sq.m	82.65					
5 (c)	Masonry (150 mm CHB)		sq.m	4.80					
5 (d)	Plain Cement Plaster Finish		sq.m	1,502.23					
6.0000	Fabricated Materials and Hardware								
6 (a)	Removal of Door with Jamb		set	12.00					
6 (c)	Hollow Core Flush Door		sq m	10.08					
6 (d)	Wooden Panel Door		sq m	12.60					
6 (e)	Jalousie Window (Glass)		sq m	38.88					
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	54.00					
6 (h)	Security Grilles		ls	1.00					
8.0000	Roofing Works								
8 (a)	Removal of Metal Roofing		sq m	407.00					
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT		lm	407.00					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	59.00					
9.0000	Ceiling and Carpentry Works								
9 (c)	Removal of Partition		sq m	21.00					
9 (d)	Removal of Ceiling		sq m	462.50					
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling		sq.m	566.45					
9 (h)	4.5 mm/ 6.0 mm thk 4' x 8' Fiber Cement Board/ Marine Plywood/ 6.0 mm thk 4' x 8' Ordinary Plywood on Metal Frame Double Partition		sq.m	21.00					
9 (i)	Blackboard		sq.m	51.84					

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Adjusted Total Cost
					Estimated Direct Cost	Unit Cost		
10.0000	Electrical Works							
10 (a)	Conduit, Boxes and Fitting		Ls	1.00				
10 (b)	Wires and Wiring Devices		Ls	1.00				
10 (c)	Lighting Fixture/ Fixture		Ls	1.00				
10 (d)	Panel Board and Cabinets		Ls	1.00				
10 (e)	Ventilating Equipment		Ls	1.00				
10 (f)	Fire Alarm		Ls	1.00				
11.0000	Plumbing Works							
11 (a)	Waterline Works		Ls	1.00				
12.0000	Sanitary Works							
12 (a)	Sewer Line Works		Ls	1.00				
12 (b)	Sanitary/ Plumbing Fixtures		Ls	1.00				
13.0000	Painting Works							
13 (a)	Masonry Painting		sq.m	3,207.27				
13 (b)	Wooden Painting		sq.m	593.45				
13 (c)	Metal Painting		sq.m	192.75				
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims		sq.m	98.00				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	85.05				
15.0000	Waterproofing							
15 (a)	Waterproofing Cement Base		sq.m	153.00				
						Total Construction Cost		

Prepared by:

Bidders Name

PROGRAM OF WORKS

DETAILED COST ESTIMATE

PROJECT : REPAIR OF THREE STOREY NINE CLASSROOMS DEPED STANDARD SCHOOL BUILDING - TAYTAYAN INTEGRATED SCHOOL
 SCHOOL : TAYTAYAN INTEGRATED SCHOOL
 LOCATION : Cateel, Davao Oriental
 OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 150 CD

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	ESTIMATED DIRECT COST	MARK-UPS IN PERCENT		TOTAL MARK-UP		VAT (5%)	TOTAL INDIRECT COST	ADJUSTED TOTAL COST	ADJUSTED UNIT COST
					OCM	PROFIT	%	VALUE				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) (6) + (7)	(9) (5) x (8)	(10) 5% [(5) + (9)]	(11) (9) + (10)	(12) (5) + (11)	(13) (12) / (3)
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A.1	Temporary Facilities	5.00	Month									
B.	Other General Requirements											
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SPL 1	Project Billboard	1.00	Each									
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C.	Mobilization and Demobilization											
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15 (a)	Waterproofing Cement Base	153.00	sq.m									
									TOTAL CONSTRUCTION COST			

Prepared by:

BIDDERS NAME