



Republic of the Philippines
Department of Education
 SOCCSKSARGEN REGION
 SCHOOLS DIVISION OF KIDAPAWAN CITY

BILL OF QUANTITIES
 REPAIR 2024 - XII - KIDAPAWAN CITY DIVISION-002

School	: GAYOLA NHS	Date:		
School I.D	:	Budget Allocation:		
Region	: XII	Engineering and Administrative Overhead:		
Division	: Kidapawan City Division	Approved Budget for the Contract:		
Project Title	:	Completion Period:	99 C	
: PROPOSED REPAIR AND REHABILITATION OF BR (B) - CLASSROOM SCHOOL BUILDING - BLDG #1, BLDG #2 & BLDG #3		Minimum Required Manpower:		
		General Foreman	Welder	Carpenter
		Helper	Mason	Painter
Location	: Gayola, Kidapawan City	Minimum Required Equipment:		
		Hand Tools	Welding Machine	
		One-Bagger Mixer	Bar Cutter	

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit	Adjusted Total
					Total Cost	Unit Cost	Cost	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8) / (5)	(9)
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	0.50				
B.	Other General Requirements							
B.1	Fire Safety Inspection Certificate (FSIC)		lot	0.17				
SPL 1	Project Billboard		Each	0.17				
SPL 2	Construction Safety and Health		Ls	0.17				
C.	Mobilization and Demobilization							
C.1	Mobilization and Demobilization		Ls	0.17				
PROPOSED REPAIR AND REHABILITATION OF TWO (2) - CLASSROOM SCHOOL BUILDING - (7.00m x 8.00m) BLDG. #								
	Termite Control Works							
1 (f)	Soil Poisoning		L	2.13				
2.0000	Concreting Works (3000 psi)							
2 (a)	Demolition of reinforced concrete		cu m	5.36				
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	15.00				
2 (e)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab,		cu m	22.47				
2 (h)	Ramp on Fill		cu m	2.58				
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	1434.38				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks		sq.m	35.00				
5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHE)		sq.m	14.40				
5 (d)	Plain Cement Plaster Finish		sq.m	28.80				
5 (e)	Plain Cement floor Finish		sq.m					
6.0000	Fabricated Materials and Hardware							
6 (c)	Hollow Core Flush Door		sq m	5.88				
6 (d)	Wooden Panel Door		sq m	4.20				
6 (e)	Jalousie Window (Glass)		sq m	29.12				
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	8.00				
6 (g)	Ramp Rail		Ls	1.00				
8.0000	Roofing Works							
8 (a)	Removal of Metal Roofing							
8 (b)	Pie - painted Metal sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT		sq m	209.93				
8 (e)	Fabricated Metal Roofing Accessory (rigger Rip Roller Flashing/ Counter Flashing/ Valley Roll)		m	40.40				
9.0000	Ceiling and Carpentry Works							
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	182.36				
9 (i)	Blackboard		sq.m	11.52				
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				
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							

Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
				Total Cost	Unit Cost		
13 (a) Masonry Painting		sq m	349.72				
13 (b) Wooden Painting		sq m	4.20				
13 (c) Metal Painting		sq m	28.79				
14.0000 Tile Works							
14 (a) Glazed Tiles and Trims		sq m	126.00				
14 (b) Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq m	12.60				
15.0000 Comfort Rooms							
Construction of 2 comfort Rooms		ls	2.00				
PROPOSED REPAIR AND REHABILITATION OF THREE (3) - CLASSROOM SCHOOL BUILDING - (7.00m x 8.00m) BLDG. # 2							
1 Earthworks							
1 (a) Clearing and Grubbing		sq m	48.00				
1 (b) Structural Excavation		cu m	24.00				
1 (c) Backfilling of Excavated Materials		cu m	24.00				
1 (d) Gravel Bedding G-1		cu m	4.80				
1 (e) Embankment		cu m	24.00				
Termite Control Works							
1 (f) Soil Poisoning		L	6.40				
2 Concreting Works (3000 psi)							
2 (a) Demolition of reinforced concrete		cu m	7.20				
2 (b) Structural Concrete (Footing and Slab on Fill)		cu m	7.68				
2 (c) Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)							
2 (d) Lean Concrete							
2 (e) Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)		cu m	50.00				
2 (f) Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam) - Ready Mix							
2 (g) Lean Concrete (Ready Mix)							
2 (h) Ramp on Fill		cu m	2.58				
3 Rebar Works							
3 (a) Reinforcing Steel Bar, Grade 40		kg	1434.38				
4 Formworks							
4 (a) Installation and Removal of Formworks		sq m	3.24				
5 Masonry Works							
5 (b) Masonry (100 mm CHB Partition)		sq m	24.00				
5 (d) Plain Cement Plaster Finish		sq m	118.00				
6 Fabricated Materials and Hardware							
6 (c) Hollow Core Flush Door		sq m	4.41				
6 (d) Wooden Panel Door		sq m	6.30				
6 (e) Jalousie Window (Glass)		sq m	43.68				
6 (f) Frames (Jamb, Sill, Head, Transoms, and Mullions)		set	12.00				
6 (g) Ramp Rail		ls	1.00				
7 Steel Works							
7 (c) Structural Steel Roof Truss		kgs	1636.60				
7 (d) Structural Steel Purlins		kg	1505.70				
7 (e) Metal Structure Accessories (Steel Plates)		kgs	464.73				
7 (f) Metal Structure Accessories (Anchor Bolts)		pc	56.00				
7 (g) Metal Structure Accessories (Sag Rods)		pc	288.00				
7 (h) Metal Structure Accessories (Turn Buckle)		pc	24.00				
7 (i) Metal Structure Accessories (Cross Bracing)		pc	24.00				
8 Roofing Works							
8 (a) Removal of Metal Roofing		sq m	314.90				
8 (b) Pre-painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 B)		m	46.40				
8 (e) Fabricated Metal Roofing Accessory (Ridge/ Hip Roll/ Flashing/ Counter Flashing)							
9 Ceiling and Carpentry Works							
9 (f) 4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0		sq m	215.76				
9 (i) Blackboard		sq m	17.28				
10 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				
11 Plumbing Works							
12 Two Chamber Septic Vault		ls	1.00				
13 Painting Works							
13 (a) Masonry Painting		sq m	403.80				
13 (b) Wooden Painting		sq m	6.30				
13 (c) Metal Painting		sq m	25.02				
14 Tile Works							
14 (a) Glazed Tiles and Trims		sq m	144.00				
14 (b) Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq m	18.90				
15 Comfort Rooms							
Construction of 3 comfort Rooms		ls	3.00				
PROPOSED REPAIR AND REHABILITATION OF ONE (1) - CLASSROOM SCHOOL BUILDING - (7.00m x 8.00m) BLDG. # 1							
1 Earthworks							
1 (a) Clearing and Grubbing							
1 (b) Structural Excavation		cu m	14.40				

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
1 (c)	Backfilling of Excavated Materials		cu m	7.20				
1 (d)	Gravel Bedding G-1		cu m	1.44				
1 (e)	Embankment		cu m	2.00				
1 (f)	Termite Control Works		L	6.40				
2	Soil Poisoning							
2 (a)	Concreting Works (3000 psi)		cu m	2.25				
2 (b)	Demolition of reinforced concrete		cu m	14.40				
2 (h)	Structural Concrete (Footing and Slab on Fill)		cu m	1.68				
3	Ramp on Fill							
3 (a)	Rebar Works		kg	700.00				
4	Reinforcing Steel Bar, Grade 40							
4 (a)	Formworks		sq.m	48.00				
5	Installation and Removal of Formworks							
5 (a)	Masonry Works		sq.m	24.00				
5 (b)	Demolition of Masonry Wall		sq.m	27.44				
5 (d)	Masonry (100 mm CHB)							
6	Finishing Works		sq.m	190.00				
6 (a)	Plain Cement Plaster Finish							
6 (b)	Fabricated Materials and Hardware		set	3.00				
6 (c)	Removal of Door with Jamb		set	4.00				
6 (d)	Removal of Window with Jamb		sq.m	0.00				
6 (e)	Hollow Core Flush Door		sq.m	2.10				
6 (f)	Wooden Panel Door		sq.m	14.56				
6 (g)	Jalousie Window (Glass)		set	4.00				
6 (h)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		Ls	1.00				
6 (i)	Ramp Rail							
7	Steel Works		kgs	701.40				
7 (a)	Structural Steel Roof Truss		kg	549.70				
7 (b)	Structural Steel Purlins		kgs	199.16				
7 (c)	Metal Structure Accessories (Steel Plates)		pc	24.00				
7 (d)	Metal Structure Accessories (Anchor Bolts)		pc	96.00				
7 (e)	Metal Structure Accessories (Sag Rods)		pc	8.00				
7 (f)	Metal Structure Accessories (Turn Buckle)		pc	8.00				
7 (g)	Metal Structure Accessories (Cross Bracing)							
8	Roofing Works		sq.m	104.97				
8 (a)	Pre-painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 B)		m	30.40				
8 (b)	Fabricated Metal Roofing Accessory (Ridge/ Hip Roll/ Flashing/ Counter Flashing)							
8 (c)	Ceiling and Carpentry Works		sq.m	76.56				
8 (d)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0		sq.m	5.76				
8 (e)	Blackboard							
9	Electrical Works		Ls	1.00				
9 (a)	Conduit, Boxes and Fitting		Ls	1.00				
9 (b)	Wires and Wiring Devices		Ls	1.00				
9 (c)	Lighting Fixture/ Fixture		Ls	1.00				
9 (d)	Panel Board and Cabinets							
10	Plumbing Works		Ls	1.00				
10 (a)	Two Chamber Septic Vault							
11	Painting Works							
11 (a)	Masonry Painting		sq.m	163.24				
11 (b)	Wooden Painting		sq.m	2.10				
11 (c)	Metal Painting		sq.m	54.67				
12	Tile Works							
12 (a)	Glazed Tiles and Trims		sq.m	48.00				
12 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	6.30				
12 (c)	Construction of 1 comfort room		ls	1.00				
					Total Construction Cost			

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	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				
7 (h)	Metal Structure Accessories (Turn Buckle)	8.00	pc									
7 (i)	Metal Structure Accessories (Cross Bracing)	8.00	pc									
8	Roofing Works											
8 (a)	Removal of Metal Roofing	-	-									
8 (b)	Pre-painted Metal Sheets (Corrugated, Short Span/ Long Span)	104.97	sq.m									
8 (c)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing)	30.40	m									
9	Ceiling and Carpentry Works											
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm M	76.56	sq.m									
9 (g)	Blackboard	5.76	sq.m									
10	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls									
10 (b)	Wires and Wiring Devices	1.00	Ls									
10 (c)	Lighting Fixture/ Fixture	1.00	Ls									
10 (d)	Panel Board and Cabinets	1.00	Ls									
13	Plumbing Works											
13 (a)	Two Chamber Septic Vault	1.00	Ls									
13	Painting Works											
13 (a)	Masonry Painting	163.24	sq.m									
13 (b)	Wooden Painting	2.10	sq.m									
13 (c)	Metal Painting	54.67	sq.m									
14	Tile Works											
14 (a)	Glazed Tiles and Trims	48.00	sq.m									
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	6.30	sq.m									
15 (b)	Construction of comfort Rooms	1.00	Ls									
TOTAL CONSTRUCTION COST												

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DETAILED UNIT PRICE ANALYSIS

Project : PROPOSED REPAIR AND REHABILITATION OF TWO (2) - CLASSROOM SCHOOL BUILDING (DepEd Modified Bldg.) - (7.00m x 9.00m)

Location: GAYOLA HILLS KID. CITY

Item: A.1

Description: Temporary Facilities

Quantity: 3.00
 Output : 1.00
 Unit: Month

A.	Designation of Personnel	No. of Person	No. of Hours	Hourly Rate	Amount
Sub-Total (Labor)					Php -
B.	Name / Capacity (Equipment)	No. of Units	No. of Hours	Hourly Rate	Amount
Sub-Total (Equipment)					Php -
C.	Name / Specification (Materials)	Unit	Quantity	Unit Cost	Amount
	Rental of Office/ Storage House (including light and water)	Month			-
Sub-Total (Materials)					Php -
D.	Direct Cost (A+B+C)			Php	-
E.	Overhead,Contingencies and Miscellaneous (Ocm)			0% of D.	-
F.	Contractor's Profit			8% of D.	-
G.	Value Added Tax (VAT)			5% of (D+E+F)	-
H.	Adjusted Total Cost (D+E+F+G)			Php	-
I.	Adjusted Unit Cost (H/Quantity)			Php	-