

PROGRAM OF WORKS

BILL OF QUANTITIES

LCS 2026 - RXI - DAVAO ORIENTAL

School	: TIBANBAN NATIONAL HIGH SCHOOL	Date:	
School ID	: 304340	Budget Allocation:	4,293,720.00
Region	: XI	Engineering and Administrative Overhead:	0.00
Division	: Davao Oriental	Approved Budget for the Contract:	4,293,720.00
Project Title	:	Completion Period:	30CD

CONSTRUCTION OF TWO (2) UNITS SLAB ON GRADE (SOG) CLASSROOM WITH TOILET 12.80m X 8.50m LEARNING CONTINUITY SPACE (LCS) IN TIBANBAN NATIONAL HIGH SCHOOL

Minimum Required Manpower:			
Civil Engineer	Welder	Carpenter	Helper
Electrical Engineer	Mason	Painter	
General Foreman	Electrician		

Location	: Governor Generoso, 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 Total Cost
					Estimated Direct Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)
ONE (1) UNIT LEARNING CONTINUITY SPACE								
BLDG. 1								
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	1.00				
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	135.00				
1 (b)	Structural Excavation		cu m	18.43				
1 (d)	Gravel Bedding G-1		cu m	7.62				
1 (e)	Embankment		cu m	31.48				
2.0000	Concreting Works (3000 psi)							
2 (a)	Demolition		sq.m	135.43				
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	11.63				
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)		cu m	0.68				
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	208.43				
3 (b)	Reinforcing Steel Bar, Grade 33		kg	562.51				
5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHB)		sq.m	17.04				
6.0000	Fabricated Materials and Hardware							
6 (c)	Hollow Core Flush Door		sq m	9.03				
6 (e)	Jalousie Window (Glass)		sq m	27.66				
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	15.00				
a	Air Louver		sq.m	2.70				
7.0000	Steel Works							
7 (j)	Structural Main Frame		kg	2,727.42				
8.0000	Roofing Works							
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)		lm	135.00				
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		lm	18.00				
9.0000	Ceiling and Carpentry Works							
b	Pre - painted 75mm Polyurethane (PU) Sandwich panel		lm	90.61				
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	114.10				
9 (j)	Blackboard		sq.m	5.76				
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							
13 (c)	Metal Painting		sq.m	175.22				
BLDG. 2								
1.0000	Earthworks							
1 (a)	Clearing and Grubbing		sq.m	135.00				
1 (b)	Structural Excavation		cu m	18.43				
1 (d)	Gravel Bedding G-1		cu m	7.62				
1 (e)	Embankment		cu m	31.48				
2.0000	Concreting Works (3000 psi)							
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	11.63				

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Adjusted Total Cost
					Estimated Direct Cost	Unit Cost		
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)		cu m	0.68				
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5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHB)		sq.m	17.04				
6.0000	Fabricated Materials and Hardware							
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6 (e)	Jalousie Window (Glass)		sq.m	27.66				
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	15.00				
a	Air Louver		sq.m	2.70				
7.0000	Steel Works							
7 (j)	Structural Main Frame		kg	2,727.42				
8.0000	Roofing Works							
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)		lm	135.00				
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		lm	18.00				
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9 (i)	Blackboard		sq.m	5.76				
10.0000	Electrical Works							
10 (a)	Conduit, Boxes and Fitting		Ls	1.00				
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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							
13 (c)	Metal Painting		sq.m	175.22				
							Total Construction Cost	

Prepared by:

Bidder/Proprietor

PROGRAM OF WORKS
DETAILED COST ESTIMATE
(TOTAL CONSTRUCTION COST/ ABC)
LCS 2026 - RXI - DAVAO ORIENTAL

PROJECT : CONSTRUCTION OF TWO (2) UNITS SLAB ON GRADE (SOG) CLASSROOM WITH TOILET 12.80m X 8.50m LEARNING CONTINUITY SPACE (LCS) IN TIBANBAN NATIONAL HIGH SCHOOL.
 SCHOOL : TIBANBAN NATIONAL HIGH SCHOOL
 LOCATION : GOVERNOR GENEROSO, DAVAO ORIENTAL
 OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 30 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)	(9)	(10)	(11)	(12)	(13)
					(6)	(7)	(8) + (7)	(9) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
ONE (1) UNIT LEARNING CONTINUITY SPACE												
BLDG. 1												
A.	Facilities for the Engineer											
A.1	Temporary Facilities	1.00	Month									
B.	Other General Requirements											
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SPL 1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	1.00	Ls									
C.	Mobilization and Demobilization											
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1.0000	Earthworks											
1 (a)	Clearing and Grubbing	135.00	sq.m									
1 (b)	Structural Excavation	18.43	cu m									
1 (d)	Gravel Bedding G-1	7.62	cu m									
1 (e)	Embankment	31.48	cu m									
2.0000	Concreting Works (3000 psi)											
2 (a)	Demolition	135.43	sq.m									
2 (b)	Structural Concrete (Footing and Slab on Fill)	11.63	cu m									
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)	0.68	cu m									
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5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	17.04	sq.m									
6.0000	Fabricated Materials and Hardware											
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6 (e)	Jalousie Window (Glass)	27.66	sq.m									
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	15.00	set									
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7.0000	Steel Works											
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8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	135.00	lm									
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9.0000	Ceiling and Carpentry Works											
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9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	114.10	sq.m									
9 (i)	Blackboard	5.76	sq.m									
10.0000	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls									
10 (b)	Wires and Wiring Devices	1.00	Ls									
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TOTAL CONSTRUCTION COST												

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