

**PROGRAM OF WORKS**

**BILL OF QUANTITIES**

LCS 2026 - RXI - DAVAO ORIENTAL

School	: CORPORACION NATIONAL HIGH SCHOOL	Date:	
School ID	: 305516	Budget Allocation:	2,146,860.00
Region	: XI	Engineering and Administrative Overhead:	0.00
Division	: Davao Oriental	Approved Budget for the Contract:	2,146,860.00
Project Title	:	Completion Period:	30CD

CONSTRUCTION OF ONE (1) UNIT SLAB ON GRADE (SOG) CLASSROOM WITH TOILET  
12.80m X 8.50m LEARNING CONTINUITY SPACE (LCS) IN CORPORACION NATIONAL HIGH SCHOOL

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

Location	: Lupon, Davao Oriental
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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)
<b>ONE (1) UNIT LEARNING CONTINUITY SPACE</b>								
A.	<b>Facilities for the Engineer</b>							
A.1	Temporary Facilities		Month	1.00				
B.	<b>Other General Requirements</b>							
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.	<b>Mobilization and Demobilization</b>							
C.1	Mobilization and Demobilization		Ls	1.00				
1.0000	<b>Earthworks</b>							
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	<b>Concreting Works (3000 psi)</b>							
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	<b>Rebar Works</b>							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	208.43				
3 (b)	Reinforcing Steel Bar, Grade 33		kg	562.51				
5.0000	<b>Masonry Works</b>							
5 (b)	Masonry (100 mm CHB)		sq.m	17.04				
6.0000	<b>Fabricated Materials and Hardware</b>							
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	<b>Steel Works</b>							
7 (j)	Structural Main Frame		kg	2,727.42				
8.0000	<b>Roofing Works</b>							
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	<b>Ceiling and Carpentry Works</b>							
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 (i)	Blackboard		sq.m	5.76				
10.0000	<b>Electrical Works</b>							
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	<b>Plumbing Works</b>							
11 (a)	Waterline Works		Ls	1.00				
12.0000	<b>Sanitary Works</b>							
12 (a)	Sewer Line Works		Ls	1.00				
12 (b)	Sanitary/ Plumbing Fixtures		Ls	1.00				
13.0000	<b>Painting Works</b>							
13 (c)	Metal Painting		sq.m	175.22				
					<b>Total Construction Cost</b>			

Prepared by:

Bidder/ Proprietor



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

PROJECT : CONSTRUCTION OF ONE (1) UNIT SLAB ON GRADE (SOG) CLASSROOM WITH TOILET 12.80m X 8.50m LEARNING CONTINUITY SPACE (LCS) IN CORPORACION NATIONAL HIGH SCHOOL.  
SCHOOL : CORPORACION NATIONAL HIGH SCHOOL  
LOCATION : LUPON, 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)	(9)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
<b>ONE (1) UNIT LEARNING CONTINUITY SPACE</b>												
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11 (a)	Waterline Works	1.00	Ls									
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12 (a)	Sewer Line Works	1.00	Ls									
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls									
13.0000	<b>Painting Works</b>											
13 (c)	Metal Painting	175.22	sq.m									
<b>TOTAL CONSTRUCTION COST</b>												

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Bidder/Proprietor