

## PROGRAM OF WORKS

### BILL OF QUANTITIES

#### REPAIR 2024 - RXI - DAVAO ORIENTAL

<b>School</b>	: BANAYBANAY CENTRAL ELEMENTARY SCHOOL	<b>Date:</b>	
<b>School I.D</b>	: 129177	<b>Budget Allocation:</b>	
<b>Region</b>	: XI	<b>Engineering and Administrative Overhead:</b>	
<b>Division</b>	: Davao Oriental	<b>Approved Budget for the Contract:</b>	
<b>Project Title</b>	:	<b>Completion Period:</b>	60 CD
REPAIR AND REHABILITATION OF HOME ECONOMICS HERITAGE BUILDING PHASE II		<b>Minimum Required Manpower:</b>	
		Civil Engineer	Welder Carpenter
		General Foreman	Mason Painter
		Helper	Electrical Engineer
<b>Location</b> :  Banaybanay, Davao Oriental		<b>Minimum Required Equipment:</b>	
		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)
<b>BLDG. 1 - DAILY LIVING SKILLS AND E-LIBRARY</b>								
A.	<b>Facilities for the Engineer</b>							
A.1	Temporary Facilities		Month	2.00				
B.	<b>Other General Requirements</b>							
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	63.00				
1 (b)	Structural Excavation		cu m	6.70				
1 (d)	Gravel Bedding G-1		cu m	9.22				
1 (e)	Embankment		cu m	55.30				
2.0000	<b>Concreting Works (3000 psi)</b>							
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	4.37				
3.0000	<b>Rebar Works</b>							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	370.07				
5.0000	<b>Masonry Works</b>							
5 (b)	Masonry (100 mm CHB)		sq.m	33.00				
5 (d)	Plain Cement Plaster Finish		sq.m	66.00				
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				
10 (e)	Ventilating Equipment		Ls	1.00				
10 (f)	Fire Alarm		Ls	1.00				
11.0000	<b>Plumbing Works</b>							
11 (a)	Waterline Works		Ls	1.00				
13.0000	<b>Painting Works</b>							
13 (a)	Masonry Painting		sq.m	24.00				
13 (b)	Wooden Painting		sq.m	81.00				
13 (c)	Metal Painting		sq.m	8.00				
							<b>Total Construction Cost</b>	

Prepared by:

Proprietor

**PROGRAM OF WORKS**  
**DETAILED COST ESTIMATE**  
 (TOTAL CONSTRUCTION COST/ ABC)  
 REPAIR 2024 - RXI - DAVAO ORIENTAL

PROJECT : REPAIR OF 1 UNIT 1STRY-2CL MARCOS PREFAB, 1 UNIT 1STRY-1CL DEPED MODIFIED AND 1 UNIT 1STRY-3CL DEPED STANDARD  
 SCHOOL : BANAYBANAY CENTRAL ELEMENTARY SCHOOL  
 LOCATION : Banaybanay, Davao Oriental  
 OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 60 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)
<b>BLDG. 1 - DAILY LIVING SKILLS AND E-LIBRARY</b>												
A.	<b>Facilities for the Engineer</b>											
A.1	Temporary Facilities	2.00	Month									
B.	<b>Other General Requirements</b>											
SPL 1	Project Billboard	1.00	Each									
SPL 2	Construction Safety and Health	1.00	Ls									
C.	<b>Mobilization and Demobilization</b>											
C.1	Mobilization and Demobilization	1.00	Ls									
1.0000	<b>Earthworks</b>	-										
1 (a)	Clearing and Grubbing	63.00	sq.m									
1 (b)	Structural Excavation	6.70	cu m									
1 (d)	Gravel Bedding G-1	9.22	cu m									
1 (e)	Embankment	55.30	cu m									
2.0000	<b>Concreting Works (3000 psi)</b>	-										
2 (b)	Structural Concrete (Footing and Slab on Fill)	4.37	cu m									
3.0000	<b>Rebar Works</b>											
3 (a)	Reinforcing Steel Bar, Grade 40	370.07	kg									
5.0000	<b>Masonry Works</b>											
5 (b)	Masonry (100 mm CHB)	33.00	sq.m									
5 (d)	Plain Cement Plaster Finish	66.00	sq.m									
10.0000	<b>Electrical Works</b>											
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									
10 (e)	Ventilating Equipment	1.00	Ls									
10 (f)	Fire Alarm	1.00	Ls									
11.0000	<b>Plumbing Works</b>											
11 (a)	Waterline Works	1.00	Ls									
13.0000	<b>Painting Works</b>											
13 (a)	Masonry Painting	24.00	sq.m									
13 (b)	Wooden Painting	81.00	sq.m									
13 (c)	Metal Painting	8.00	sq.m									
				565,737.67						<b>TOTAL CONSTRUCTION COST</b>	<b>715,276.46</b>	

Prepared by:

Proprietor