

DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2026 - XII - TACURONG CITY - 001 SUMMARY

School	: Tacurong Pilot Elementary School	Date:	March 2026
School I.D	: 131220	Budget Allocation:	22,412,710.01
Region	: XII	Engineering and Administrative Overhead:	0.00
Division	: Tacurong City Division	Approved Budget for the Contract:	22,412,710.01
Project Title	:	Completion Period:	180 CD
: PROPOSED REPAIR AND REHABILITATION OF VARIOUS SCHOOL BUILDINGS		Minimum Required Manpower:	
		General Foreman	Welder Carpenter
		Helper	Mason Painter
Location : Poblacion, Tacurong City		Minimum Required Equipment:	
		Hand Tools	Welding Machine
		One-Bagger Mixer	Bar Cutter

Item No.	Description	% of Total	Unit	Quantity	Adjusted Total Cost
(1)	(2)	(3)	(4)	(5)	(9)
BLDG 11	PROPOSED REPAIR AND REHABILITATION OF EIGHTEEN (18) CLASSROOM (7m x 6m) CONVERTED TO 12 CLASSROOM (7m x 9m) BLDG. 11		CL	12.00	
BLDG 12	PROPOSED REPAIR AND REHABILITATION OF THREE (3) CLASSROOM (7m x 9m) BLDG. 12		CL	3.00	
BLDG 13	PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (7m x 8m) BLDG. 13		CL	2.00	
BLDG 15	PROPOSED REPAIR AND REHABILITATION OF THREE (3) CLASSROOM (8m x 6m) BLDG. 15		CL	3.00	
BLDG 34	PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (8m x 6m) BLDG. 34		CL	2.00	
BLDG 35	PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (7m x 9m) BLDG. 35		CL	2.00	
	TOTAL	100%		24.00	

Prepared by:

Contractor

DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2026 - XII - TACURONG CITY - 001-a

School	: Tacurong Pilot Elementary School				Date:		March 2026	
School I.D	: 131220			Budget Allocation:		10,987,957.48		
Region	: XII				Engineering and Administrative Overhead:		0.00	
Division	: Tacurong City Division				Approved Budget for the Contract:		10,987,957.48	
Project Title	:				Completion Period:			
: PROPOSED REPAIR AND REHABILITATION OF EIGHTEEN (18) CLASSROOM (7m x 6m) CONVERTED TO 12 CLASSROOM (7m x 9m) BLDG. 11					Minimum Required Manpower:			
					General Foreman		Welder	Carpenter
					Helper		Mason	Painter
Location : Poblacion, Tacurong City					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
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	1.33				
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				
2.0000	Concreting Works (3000 psi)							
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	21.60				
2 (h)	Ramp on Fill		cu m	2.46				
3.0000	Rebar Works							
3 (a)	Reinforcing Steel Bar, Grade 40		kg	2,084.44				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks		sq.m.	368.90				
5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHB)		sq.m	479.10				
5 (d)	Plain Cement Plaster Finish		sq.m	958.20				
6.0000	Fabricated Materials and Hardware							
6 (a)	Removal of Door with Jamb		set	24.00				
6 (b)	Removal of Window with Jamb		set	48.00				
6 (c)	Hollow Core Flush Door		sq m	17.64				
6 (d)	Wooden Panel Door		sq m	25.20				
6 (e)	Jalousie Window (Glass)		sq m	174.72				
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)		set	48.00				
6 (g)	Ramp Rail		Ls	2.00				
7.0000	Steel Works							
7 (c)	Structural Steel Roof Truss		kg	5,845.00				
7 (d)	Structural Steel Purlins		kg	6,524.70				
7 (e)	Metal Structure Accessories (Steel Plates)		kg	1,659.75				
7 (f)	Metal Structure Accessories (Anchor Bolts)		pc	200.00				
7 (g)	Metal Structure Accessories (Sag Rods)		pc	1,152.00				
7 (h)	Metal Structure Accessories (Turn Buckle)		pc	96.00				
7 (i)	Metal Structure Accessories (Cross Bracing)		pc	96.00				
8.0000	Roofing Works							
8 (a)	Removal of Metal Roofing		sq m	1,259.60				
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT		sq m	1,259.60				
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	130.40				
9.0000	Ceiling and Carpentry Works							
9 (a)	Removal of Wooden Truss/ Beams		sq.m	2,512.57				
9 (b)	Removal of Purlins		sq m	2,512.57				
9 (c)	Removal of Partition		sq m	357.00				
9 (d)	Removal of Ceiling		sq m	1,055.36				
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	1,055.36				
9 (i)	Blackboard		sq.m	69.12				

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total 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				
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				
12 (c)	Three Chamber Septic Vault		Ls	1.00				
13.0000	Painting Works							
13 (a)	Masonry Painting		sq.m	1,849.52				
13 (b)	Wooden Painting		sq.m	25.20				
13 (c)	Metal Painting		sq.m	510.39				
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims		sq.m	756.00				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	104.40				
						Total Construction Cost		

Prepared by:

Contractor



PROGRAM OF WORKS
DETAILED COST ESTIMATE
(TOTAL CONSTRUCTION COST/ ABC)
REPAIR 2026 - XII - TACURONG CITY - 001-a

PROJECT : **PROPOSED REPAIR AND REHABILITATION OF EIGHTEEN (18) CLASSROOM (7m x 6m) CONVERTED TO 12 CLASSROOM (7m x 9m) BLDG. 11**
SCHOOL : **TACURONG PILOT ELEMENTARY SCHOOL**
LOCATION : **POBLACION, TACURONG CITY**
OWNER : **DEPARTMENT OF EDUCATION**

CONTRACT DURATION : 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)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	1.33	Month		0%	0%	0%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	0.17	lot		0%	0%	0%					
SPL 1	Project Billboard	0.17	Each		0%	0%	0%					
SPL 2	Construction Safety and Health	0.17	Ls		0%	0%	0%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	0.17	Ls		0%	0%	0%					
2.0000	Concreting Works (3000 psi)											
2 (b)	Structural Concrete (Footing and Slab on Fill)	21.60	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	60.50	hrs		12%	10%	22%					
	Material											
	Portland Cement	194.40	bag		12%	10%	22%					
	Washed Sand	10.80	cu.m.		12%	10%	22%					
	Crushed Gravel 3/4"	21.60	cu.m.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
2 (h)	Ramp on Fill	2.46	cu m		12%	10%	22%					
	Equipment											

	One - bagger Mixer	6.88	hrs		12%	10%	22%					
	Material											
	Portland Cement	22.11	bag		12%	10%	22%					
	Crushed Gravel 1"	2.46	cu.m		12%	10%	22%					
	Washed Sand	1.23	cu.m		12%	10%	22%					
	10mm x 6m RSB	11.98	kg		12%	10%	22%					
	G.I. Tie Wire	0.24	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
3.0000	Rebar Works											
3 (a)	Reinforcing Steel Bar, Grade 40	2,084.44	kg		12%	10%	22%					
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks	368.90	sq.m.		12%	10%	22%					
	Material											
	Coco Lumber - 3 uses	2,652.39	bdft		12%	10%	22%					
	Ordinary Plywood - 3 uses	128.01	pc.		12%	10%	22%					
	Assorted CWN	77.47	kg.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	479.10	sq.m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	125.25	hrs		12%	10%	22%					
	Material											
	CHB 4" thk	6,228.30	pcs		12%	10%	22%					
	Portland Cement	251.53	bag		12%	10%	22%					
	Washed Sand	19.16	cu.m		12%	10%	22%					
	10mm x 6m RSB	1,552.28	kg		12%	10%	22%					
	G.I. Tie Wire	23.96	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5 (d)	Plain Cement Plaster Finish	958.20	sq.m		12%	10%	22%					
	Material											
	Portland Cement	316.21	bags		12%	10%	22%					
	Washed Sand	25.87	cu.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6.0000	Fabricated Materials and Hardware											
6 (a)	Removal of Door with Jamb	24.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (b)	Removal of Window with Jamb	48.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (c)	Hollow Core Flush Door	17.64	sq m		12%	10%	22%					
	Material											

	Hollow Core Flush Door	17.64	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	38.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	10.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (d)	Wooden Panel Door	25.20	sq m		12%	10%	22%					
	Material											
	Wood Panel Door	25.20	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	48.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	12.00	set		12%	10%	22%					
	Door Jamb 45mm x 150mm	12.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (e)	Jalousie Window (Glass)	174.72	sq m		12%	10%	22%					
	Material											
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	174.72	sq m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	48.00	set		12%	10%	22%					
	Material											
	Door Jamb 45mm x 150mm	48.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (g)	Ramp Rail	2.00	Ls		12%	10%	22%					
	Equipment											
	Welding Machine	128.00	hrs		12%	10%	22%					
	Material											
	G.I. Pipe 1-1/2"Ø Sch. 40	12.00	pc		12%	10%	22%					
	Welding Rod	6.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7.0000	Steel Works											
7 (c)	Structural Steel Roof Truss	5,845.00	kg		12%	10%	22%					
	Equipment											
	Welding Machine	51.57	hrs		12%	10%	22%					
	Cutting Outfit	17.19	hrs		12%	10%	22%					
	Truck Mounted Crane (20 - 25mT)	16.51	hrs		12%	10%	22%					
	Material											
	L 50 x 50 x 6mm	5,732.89	kg		12%	10%	22%					
	L 50 x 50 x 2mm	112.11	kg		12%	10%	22%					
	Acetylene	64.30	kg		12%	10%	22%					
	Oxygen	128.59	kg		12%	10%	22%					
	Welding Rod	116.90	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (d)	Structural Steel Purlins	6,524.70	kg		12%	10%	22%					

	Equipment											
	Welding Machine	72.14	hrs		12%	10%	22%					
	Material											
	2" x 4" x 1.5mm C - purlins	6,850.94	kg		12%	10%	22%					
	Welding Rod	130.49	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (e)	Metal Structure Accessories (Steel Plates)	1,659.75	kg		12%	10%	22%					
	Material											
	Steel Plate 1.20m x 2.40m x 6mm thk	1,066.98	kg		12%	10%	22%					
	Steel Plate 1.20m x 2.40m x 10mm thk	592.77	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (f)	Metal Structure Accessories (Anchor Bolts)	200.00	pc		12%	10%	22%					
	Material											
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	200.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (g)	Metal Structure Accessories (Sag Rods)	1,152.00	pc		12%	10%	22%					
	Material											
	12mmØ Sag Rods with Standard Nuts and Washers	1,152.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (h)	Metal Structure Accessories (Turn Buckle)	96.00	pc		12%	10%	22%					
	Material											
	Turn Buckle 16 mmØ	96.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (i)	Metal Structure Accessories (Cross Bracing)	96.00	pc		12%	10%	22%					
	Material											
	Plain Round Bar 16mmØ x 6m	96.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8.0000	Roofing Works											
8 (a)	Removal of Metal Roofing	1,259.60	sq m		12%	10%	22%					
	Equipment											
	Electric Hand Drill	69.02	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	69.02	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	1,259.60	sq m		12%	10%	22%					
	Material											
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	1,322.58	sq m		12%	10%	22%					
	Fascia Board, Fiber Cement 12" x 8'	101.00	pc		12%	10%	22%					
	L 20 x 20 x 2mm	324.00	kg		12%	10%	22%					

	L 38 x 38 x 4.5mm	66.00	kg		12%	10%	22%					
	3" Flat head Countersunk screw	340.00	pc		12%	10%	22%					
	J-Bolt (6mm dia.)	5,040.00	pc		12%	10%	22%					
	Teckscrew 2-3/4"	10,104.00	pc		12%	10%	22%					
	Roof Sealant	24.00	L		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	130.40	m		12%	10%	22%					
	Material											
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	25.62	lm		12%	10%	22%					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	50.00	pc		12%	10%	22%					
	Blind Rivets	2,477.60	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9.0000	Ceiling and Carpentry Works											
9 (a)	Removal of Wooden Truss/ Beams	2,512.57	sq.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (b)	Removal of Purlins	2,512.57	sq m		12%	10%	22%					
	Equipment											
	Chainsaw	44.87	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	44.87	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (c)	Removal of Partition	357.00	sq m		12%	10%	22%					
9 (d)	Removal of Ceiling	1,055.36	sq m		12%	10%	22%					
	Equipment											
	H - Frame 1.7m x 1.2m (sets)	60.86	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	1,055.36	sq m		12%	10%	22%					
	Material											
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	376.76	pc		12%	10%	22%					
	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk)	376.76	pc		12%	10%	22%					
	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk)	1,193.61	pc		12%	10%	22%					
	Wall Angle 1" x 1" x 10'	251.18	pc		12%	10%	22%					
	Preformed Wire Clip	6,332.16	pc		12%	10%	22%					
	Steel Angle	1,055.36	pc	7,387.52	12%	10%	22%	1,625.25	450.64	2,075.89	9,463.41	8.97
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					

9 (i)	Blackboard	69.12	sq.m		12%	10%	22%					
	Material											
	S4S Lumber, Kiln Dried, Tanguile	437.00	bd.ft		12%	10%	22%					
	Lawanit, 1/4" thk	24.00	pc		12%	10%	22%					
	Finishing Nails	6.00	kg		12%	10%	22%					
	CWN, Assorted	12.00	kg		12%	10%	22%					
	Concrete Nails	6.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10.0000	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls		12%	10%	22%					
	Material											
	Electrical Conduit uPVC, 15mmØ	180.00	pc		12%	10%	22%					
	RSC 20mmØ	1.00	pc		12%	10%	22%					
	Entrance Cap 20mm dia.	1.00	pc		12%	10%	22%					
	Junction Box, 4" x 4" G.I.	48.00	pc		12%	10%	22%					
	Utility Box, 2" x 4" G.I.	60.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (b)	Wires and Wiring Devices	1.00	Ls		12%	10%	22%					
	Material											
	3.5 mm² THHN Wire, Stranded	1,380.00	m		12%	10%	22%					
	Electrical Tape	60.00	pc	3,900.00	12%	10%	22%	858.00	237.90	1,095.90	4,995.90	83.27
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (c)	Lighting Fixture/ Fixture	1.00	Ls		12%	10%	22%					
	Material											
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	24.00	set		12%	10%	22%					
	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	12.00	set		12%	10%	22%					
	FL 1 x 40W Industrial Type	72.00	set		12%	10%	22%					
	Safety Switch 30A 2P	12.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (d)	Panel Board and Cabinets	1.00	Ls		12%	10%	22%					
	Material											
	Panel Box, Flush Type, 4 Branches	1.00	set		12%	10%	22%					
	Circuit Breaker, 40A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 20A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 30A 2P	1.00	set		12%	10%	22%					
	Grounding System		-		12%	10%	22%					
	Grounding Rod, 2.4m x 16mm dia.	1.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls		12%	10%	22%					

	Material											
	Faucet, Hose Bibb, Brass 1/2"Ø	24.00	pc		12%	10%	22%					
	Teflon Tape	24.00	roll		12%	10%	22%					
	PP-R Pipe 1"Ø x 4.0m	48.00	pc		12%	10%	22%					
	PP-R Pipe 3/4"Ø x 4.0m	72.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 1"Ø	24.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 3/4"Ø	108.00	pc		12%	10%	22%					
	PP-R Tee, 3/4"Ø	120.00	pc		12%	10%	22%					
	PP-R Tee Reducer, 1" x 3/4"Ø	12.00	pc		12%	10%	22%					
	PP-R Plug, 3/4"Ø	60.00	pc		12%	10%	22%					
	PP-R Coupling, 1"Ø	24.00	pc		12%	10%	22%					
	PP-R Coupling Reducer, 1" x 3/4"Ø	12.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12.0000	Sanitary Works											
12 (a)	Sewer Line Works	1.00	Ls		12%	10%	22%					
	Closet Bend, 4"	24.00	pc		12%	10%	22%					
	Stainless Steel Vent Protection Screen, 2"	12.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 4"Ø x 3.0m	36.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 2"Ø x 3.0m	36.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 1-1/2"Ø	12.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 4"	60.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 1-1/2"	48.00	pc		12%	10%	22%					
	PVC Sanitary Wye 1-1/2" x 1-1/2"	48.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 4"Ø	24.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 1-1/2"Ø	48.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 4"Ø	24.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 2"Ø	24.00	pc		12%	10%	22%					
	PVC Sanitary Tee 4" x 4"	12.00	pc		12%	10%	22%					
	PVC Sanitary Tee 2" x 2"	12.00	pc		12%	10%	22%					
	PVC P-Trap 4"	12.00	pc		12%	10%	22%					
	PVC P-Trap 1-1/2"'''	12.00	pc		12%	10%	22%					
	Brass Cleanout 4" x 4"	12.00	pc		12%	10%	22%					
	PVC Cement	48.00	can		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls		12%	10%	22%					
	Material											
	Water Closet 1.6gpf with Accessories	12.00	set		12%	10%	22%					
	Water Closet Flange	12.00	set		12%	10%	22%					
	Urinal 0.8gpf	12.00	set		12%	10%	22%					
	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	12.00	set		12%	10%	22%					

	Lavatory, Pedestal Type with Accessories	12.00	set		12%	10%	22%					
	S.S. Floor Drain 4" x 4"	12.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (c)	Three Chamber Septic Vault	1.00	Ls		12%	10%	22%					
	Material											
	Excavation	14.00	cu m		12%	10%	22%					
	Portland Cement	118.00	bag		12%	10%	22%					
	Sand	26.50	cu m		12%	10%	22%					
	Gravel G 3/4"	8.75	cu m		12%	10%	22%					
	CHB 6" thk	590.00	pc		12%	10%	22%					
	Reinforcing Steel Bar, deformed grade 40	731.00	pc		12%	10%	22%					
	# 16 G.I. Tie Wire	17.00	kg		12%	10%	22%					
	Coco Lumber	48.00	bdft		12%	10%	22%					
	Ordinary Plywood	4.00	pc		12%	10%	22%					
	Ordinary Common Nails	2.00	kg		12%	10%	22%					
	Bitumen for Water Proofing	111.00	Lit		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13.0000	Painting Works											
13 (a)	Masonry Painting	1,849.52	sq.m		12%	10%	22%					
	Material											
	Neutralizer	36.99	gal		12%	10%	22%					
	Latex, Flat	147.96	gal		12%	10%	22%					
	Masonry Putty	92.48	gal		12%	10%	22%					
	Latex, Semi Gloss	147.96	gal		12%	10%	22%					
	Acri Color	9.25	qrt		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (b)	Wooden Painting	25.20	sq.m		12%	10%	22%					
	Material											
	Enamel, Flatwall	1.26	gal		12%	10%	22%					
	Enamel, Semi Gloss	2.02	gal		12%	10%	22%					
	Glazing Putty	1.26	gal		12%	10%	22%					
	Paint Thinner	0.25	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (c)	Metal Painting	510.39	sq.m		12%	10%	22%					
	Material											
	Primer, Zinc Chromate	20.42	gal		12%	10%	22%					
	Enamel Paint	51.04	gal		12%	10%	22%					
	Paint Thinner	127.60	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14.0000	Tile Works											
14 (a)	Glazed Tiles and Trims	756.00	sq.m		12%	10%	22%					

	Material											
	Glazed Tiles	793.80	sq.m		12%	10%	22%					
	Cement	245.70	bag		12%	10%	22%					
	Sand	19.66	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	94.50	bag		12%	10%	22%					
	Tile Adhesive 25 kg/bag	108.11	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	104.40	sq.m		12%	10%	22%					
	Material											
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	109.62	sq.m		12%	10%	22%					
	Cement	33.93	bag		12%	10%	22%					
	Sand	2.71	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	13.05	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	TOTAL CONSTRUCTION COST											

Prepared by:

Contractor

DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2026 - XII - TACURONG CITY - 001-b

School	: Tacurong Pilot Elementary School				Date:	March 2026			
School I.D	: 131220				Budget Allocation:	2,960,195.73			
Region	: XII				Engineering and Administrative Overhead:	0.00			
Division	: Tacurong City Division				Approved Budget for the Contract:	2,960,195.73			
Project Title	:				Completion Period:				
: PROPOSED REPAIR AND REHABILITATION OF THREE (3) CLASSROOM (7m x 9m) BLDG. 12					Minimum Required Manpower:				
					General Foreman		Welder	Carpenter	
					Helper		Mason	Painter	
Location : Poblacion, Tacurong City					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	
					Total Cost	Unit Cost			
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)	
A.	Facilities for the Engineer								
A.1	Temporary Facilities		Month	1.33					
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					
2.0000	Concreting Works (3000 psi)								
2 (a)	Demolition of reinforced concrete		cu m	10.56					
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	5.40					
2 (h)	Ramp on Fill		cu m	2.46					
3.0000	Rebar Works								
3 (a)	Reinforcing Steel Bar, Grade 40		kg	521.11					
4.0000	Formworks								
4 (a)	Installation and Removal of Formworks		sq.m.	99.80					
5.0000	Masonry Works								
5 (b)	Masonry (100 mm CHB)		sq.m	111.90					
5 (d)	Plain Cement Plaster Finish		sq.m	223.80					
6.0000	Fabricated Materials and Hardware								
6 (a)	Removal of Door with Jamb		set	6.00					
6 (b)	Removal of Window with Jamb		set	12.00					
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 (Jambs, Sill, Head, Transoms, and Mullions)		set	12.00					
6 (g)	Ramp Rail		Ls	2.00					
7.0000	Steel Works								
7 (c)	Structural Steel Roof Truss		kg	1,636.60					
7 (d)	Structural Steel Purlins		kg	1,684.95					
7 (e)	Metal Structure Accessories (Steel Plates)		kg	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					
8.0000	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 BMT/ above 0.427 BMT		sq m	314.90					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	49.40					
9.0000	Ceiling and Carpentry Works								
9 (a)	Removal of Wooden Truss/ Beams		sq.m	628.14					
9 (b)	Removal of Purlins		sq m	628.14					
9 (c)	Removal of Partition		sq m	357.00					
9 (d)	Removal of Ceiling		sq m	269.66					
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	269.66					

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
9 (i)	Blackboard		sq.m	17.28				
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 (a)	Masonry Painting		sq.m	499.70				
13 (b)	Wooden Painting		sq.m	6.30				
13 (c)	Metal Painting		sq.m	137.24				
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims		sq.m	189.00				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	26.10				
						Total Construction Cost		

Prepared by:

Contractor



PROGRAM OF WORKS
DETAILED COST ESTIMATE
(TOTAL CONSTRUCTION COST/ ABC)
REPAIR 2026 - XII - TACURONG CITY - 001-b

PROJECT : **PROPOSED REPAIR AND REHABILITATION OF THREE (3) CLASSROOM (7m x 9m) BLDG. 12**
SCHOOL : **TACURONG PILOT ELEMENTARY SCHOOL**
LOCATION : **POBLACION, TACURONG CITY**
OWNER : **DEPARTMENT OF EDUCATION**

CONTRACT DURATION : 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)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	1.33	Month		0%	0%	0%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	0.17	lot		0%	0%	0%					
SPL 1	Project Billboard	0.17	Each		0%	0%	0%					
SPL 2	Construction Safety and Health	0.17	Ls		0%	0%	0%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	0.17	Ls		0%	0%	0%					
2 (b)	Structural Concrete (Footing and Slab on Fill)	5.40	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	15.13	hrs		12%	10%	22%					
	Material											
	Portland Cement	48.60	bag		12%	10%	22%					
	Washed Sand	2.70	cu.m.		12%	10%	22%					
	Crushed Gravel 3/4"	5.40	cu.m.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
2 (h)	Ramp on Fill	2.46	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	6.88	hrs		12%	10%	22%					

	Material											
	Portland Cement	22.11	bag		12%	10%	22%					
	Crushed Gravel 1"	2.46	cu.m		12%	10%	22%					
	Washed Sand	1.23	cu.m		12%	10%	22%					
	10mm x 6m RSB	11.98	kg		12%	10%	22%					
	G.I. Tie Wire	0.24	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
3.0000	Rebar Works											
3 (a)	Reinforcing Steel Bar, Grade 40	521.11	kg		12%	10%	22%					
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks	99.80	sq.m.		12%	10%	22%					
	Material											
	Coco Lumber - 3 uses	717.56	bdft		12%	10%	22%					
	Ordinary Plywood - 3 uses	34.63	pc.		12%	10%	22%					
	Assorted CWN	20.96	kg.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	111.90	sq.m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	29.25	hrs		12%	10%	22%					
	Material											
	CHB 4" thk	1,454.70	pcs		12%	10%	22%					
	Portland Cement	58.75	bag		12%	10%	22%					
	Washed Sand	4.48	cu.m		12%	10%	22%					
	10mm x 6m RSB	362.56	kg		12%	10%	22%					
	G.I. Tie Wire	5.60	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5 (d)	Plain Cement Plaster Finish	223.80	sq.m		12%	10%	22%					
	Material											
	Portland Cement	73.85	bags		12%	10%	22%					
	Washed Sand	6.04	cu.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6.0000	Fabricated Materials and Hardware											
6 (a)	Removal of Door with Jamb	6.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (b)	Removal of Window with Jamb	12.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (c)	Hollow Core Flush Door	4.41	sq m		12%	10%	22%					
	Material											
	Hollow Core Flush Door	4.41	sq.m		12%	10%	22%					

	Hinges, Standard 3-1/2" x 3-1/2"	10.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (d)	Wooden Panel Door	6.30	sq m		12%	10%	22%					
	Material											
	Wood Panel Door	6.30	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	12.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	3.00	set		12%	10%	22%					
	Door Jamb 45mm x 150mm	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (e)	Jalousie Window (Glass)	43.68	sq m		12%	10%	22%					
	Material											
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	43.68	sq m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	12.00	set		12%	10%	22%					
	Material											
	Door Jamb 45mm x 150mm	12.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (g)	Ramp Rail	2.00	Ls		12%	10%	22%					
	Equipment											
	Welding Machine	128.00	hrs		12%	10%	22%					
	Material											
	G.I. Pipe 1-1/2"Ø Sch. 40	12.00	pc		12%	10%	22%					
	Welding Rod	6.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7.0000	Steel Works											
7 (c)	Structural Steel Roof Truss	1,636.60	kg		12%	10%	22%					
	Equipment											
	Welding Machine	14.44	hrs		12%	10%	22%					
	Cutting Outfit	4.81	hrs		12%	10%	22%					
	Truck Mounted Crane (20 - 25mT)	4.62	hrs		12%	10%	22%					
	Material											
	L 50 x 50 x 6mm	1,605.21	kg		12%	10%	22%					
	L 50 x 50 x 2mm	31.39	kg		12%	10%	22%					
	Acetylene	18.00	kg		12%	10%	22%					
	Oxygen	36.01	kg		12%	10%	22%					
	Welding Rod	32.73	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (d)	Structural Steel Purlins	1,684.95	kg		12%	10%	22%					
	Equipment											

	Welding Machine	18.63	hrs		12%	10%	22%					
	Material											
	2" x 4" x 1.5mm C - purlins	1,769.20	kg		12%	10%	22%					
	Welding Rod	33.70	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (e)	Metal Structure Accessories (Steel Plates)	464.73	kg		12%	10%	22%					
	Material											
	Steel Plate 1.20m x 2.40m x 6mm thk	298.76	kg		12%	10%	22%					
	Steel Plate 1.20m x 2.40m x 10mm thk	165.98	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (f)	Metal Structure Accessories (Anchor Bolts)	56.00	pc		12%	10%	22%					
	Material											
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	56.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (g)	Metal Structure Accessories (Sag Rods)	288.00	pc		12%	10%	22%					
	Material											
	12mmØ Sag Rods with Standard Nuts and Washers	288.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (h)	Metal Structure Accessories (Turn Buckle)	24.00	pc		12%	10%	22%					
	Material											
	Turn Buckle 16 mmØ	24.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (i)	Metal Structure Accessories (Cross Bracing)	24.00	pc		12%	10%	22%					
	Material											
	Plain Round Bar 16mmØ x 6m	24.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8.0000	Roofing Works											
8 (a)	Removal of Metal Roofing	314.90	sq m		12%	10%	22%					
	Equipment											
	Electric Hand Drill	17.25	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	17.25	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	314.90	sq m		12%	10%	22%					
	Material											
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	330.65	sq m		12%	10%	22%					
	Fascia Board, Fiber Cement 12" x 8'	32.00	pc		12%	10%	22%					
	L 20 x 20 x 2mm	103.00	kg		12%	10%	22%					
	L 38 x 38 x 4.5mm	66.00	kg		12%	10%	22%					

	3" Flat head Countersunk screw	340.00	pc		12%	10%	22%					
	J-Bolt (6mm dia.)	1,260.00	pc		12%	10%	22%					
	Teckscrew 2-3/4"	2,526.00	pc		12%	10%	22%					
	Roof Sealant	6.00	L		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	49.40	m		12%	10%	22%					
	Material											
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	25.62	lm		12%	10%	22%					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	11.00	pc		12%	10%	22%					
	Blind Rivets	938.60	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9.0000	Ceiling and Carpentry Works											
9 (a)	Removal of Wooden Truss/ Beams	628.14	sq.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (b)	Removal of Purlins	628.14	sq m		12%	10%	22%					
	Equipment											
	Chainsaw	11.22	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	11.22	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (d)	Removal of Ceiling	269.66	sq m		12%	10%	22%					
	Equipment											
	H - Frame 1.7m x 1.2m (sets)	15.55	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	269.66	sq m		12%	10%	22%					
	Material											
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	96.27	pc		12%	10%	22%					
	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk	96.27	pc		12%	10%	22%					
	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk	304.99	pc		12%	10%	22%					
	Wall Angle 1" x 1" x 10'	64.18	pc		12%	10%	22%					
	Preformed Wire Clip	1,617.96	pc		12%	10%	22%					
	Rod Suspension Hanger with Adjustment Spring	269.66	pc	-	12%	10%	22%	-	-	-	-	-
	Steel Angle	269.66	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (i)	Blackboard	17.28	sq.m		12%	10%	22%					

	Material											
	S4S Lumber, Kiln Dried, Tanguile	110.00	bd.ft		12%	10%	22%					
	Lawanit, 1/4" thk	6.00	pc		12%	10%	22%					
	Finishing Nails	2.00	kg		12%	10%	22%					
	CWN, Assorted	3.00	kg		12%	10%	22%					
	Concrete Nails	2.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (a)	Conduit, Boxes and Fitting	1.00	Ls		12%	10%	22%					
	Material											
	Electrical Conduit uPVC, 15mmØ	45.00	pc		12%	10%	22%					
	RSC 20mmØ	1.00	pc		12%	10%	22%					
	Entrance Cap 20mm dia.	1.00	pc		12%	10%	22%					
	Junction Box, 4" x 4" G.I.	12.00	pc		12%	10%	22%					
	Utility Box, 2" x 4" G.I.	15.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (b)	Wires and Wiring Devices	1.00	Ls		12%	10%	22%					
	Material											
	3.5 mm² THHN Wire, Stranded	345.00	m		12%	10%	22%					
	Electrical Tape	60.00	pc		12%	10%	22%					
	3.5 sq. mm. THHN	1,816.00	m	-	12%	10%	22%	-	-	-	-	-
	5.5 sq. mm. THHN	90.00	m	-	12%	10%	22%	-	-	-	-	-
	2.0 sq. mm. THHN	1,085.00	m	-	12%	10%	22%	-	-	-	-	-
	8.0 sq. mm. THHN	5.00	m	-	12%	10%	22%	-	-	-	-	-
	30.0 sq. mm. THHN	21.00	m	-	12%	10%	22%	-	-	-	-	-
	50.0 sq. mm. THHN	10.00	m	-	12%	10%	22%	-	-	-	-	-
	60.0 sq. mm. THHN	20.00	m	-	12%	10%	22%	-	-	-	-	-
	Telephone Jacketed Wire CAT 5E	55.00	m	-	12%	10%	22%	-	-	-	-	-
	Coaxial cable	44.00	m	-	12%	10%	22%	-	-	-	-	-
	Electrical tape, big	4.00	rolls	-	12%	10%	22%	-	-	-	-	-
	mica tube	8.00	m	-	12%	10%	22%	-	-	-	-	-
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (c)	Lighting Fixture/ Fixture	1.00	Ls		12%	10%	22%					
	Material											
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	6.00	set		12%	10%	22%					
	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	3.00	set		12%	10%	22%					
	FL 1 x 40W Industrial Type	18.00	set		12%	10%	22%					
	Safety Switch 30A 2P	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (d)	Panel Board and Cabinets	1.00	Ls		12%	10%	22%					
	Material											

	Panel Box, Flush Type, 4 Branches	1.00	set		12%	10%	22%					
	Circuit Breaker, 40A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 20A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 30A 2P	1.00	set		12%	10%	22%					
	Grounding System		-		12%	10%	22%					
	Grounding Rod, 2.4m x 16mm dia.	1.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls		12%	10%	22%					
	Material											
	Faucet, Hose Bibb, Brass 1/2"Ø	6.00	pc		12%	10%	22%					
	Teflon Tape	6.00	roll		12%	10%	22%					
	PP-R Pipe 1"Ø x 4.0m	12.00	pc		12%	10%	22%					
	PP-R Pipe 3/4"Ø x 4.0m	18.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 1"Ø	6.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 3/4"Ø	27.00	pc		12%	10%	22%					
	PP-R Tee, 3/4"Ø	30.00	pc		12%	10%	22%					
	PP-R Tee Reducer, 1" x 3/4"Ø	3.00	pc		12%	10%	22%					
	PP-R Plug, 3/4"Ø	15.00	pc		12%	10%	22%					
	PP-R Coupling, 1"Ø	6.00	pc		12%	10%	22%					
	PP-R Coupling Reducer, 1" x 3/4"Ø	3.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (a)	Sewer Line Works	1.00	Ls		12%	10%	22%					
	Closet Bend, 4"	6.00	pc		12%	10%	22%					
	Stainless Steel Vent Protection Screen, 2"	3.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 4"Ø x 3.0m	9.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 2"Ø x 3.0m	9.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 1-1/2"Ø	3.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 4"	15.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 1-1/2"	12.00	pc		12%	10%	22%					
	PVC Sanitary Wye 1-1/2" x 1-1/2"	12.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 4"Ø	6.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 1-1/2"Ø	12.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 4"Ø	6.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 2"Ø	6.00	pc		12%	10%	22%					
	PVC Sanitary Tee 4" x 4"	3.00	pc		12%	10%	22%					
	PVC Sanitary Tee 2" x 2"	3.00	pc		12%	10%	22%					
	PVC P-Trap 4"	3.00	pc		12%	10%	22%					
	PVC P-Trap 1-1/2"'''	3.00	pc		12%	10%	22%					
	Brass Cleanout 4" x 4"	3.00	pc		12%	10%	22%					
	PVC Cement	12.00	can		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls		12%	10%	22%					
	Material											
	Water Closet 1.6gpf with Accessories	3.00	set		12%	10%	22%					
	Water Closet Flange	3.00	set		12%	10%	22%					
	Urinal 0.8gpf	3.00	set		12%	10%	22%					
	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	3.00	set		12%	10%	22%					
	Lavatory, Pedestal Type with Accessories	3.00	set		12%	10%	22%					
	S.S. Floor Drain 4" x 4"	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13.0000	Painting Works											
13 (a)	Masonry Painting	499.70	sq.m		12%	10%	22%					
	Material											
	Neutralizer	9.99	gal		12%	10%	22%					
	Latex, Flat	39.98	gal		12%	10%	22%					
	Masonry Putty	24.99	gal		12%	10%	22%					
	Latex, Semi Gloss	39.98	gal		12%	10%	22%					
	Acrylic Color	2.50	qrt		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (b)	Wooden Painting	6.30	sq.m		12%	10%	22%					
	Material											
	Enamel, Flatwall	0.32	gal		12%	10%	22%					
	Enamel, Semi Gloss	0.50	gal		12%	10%	22%					
	Glazing Putty	0.32	gal		12%	10%	22%					
	Paint Thinner	0.06	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (c)	Metal Painting	137.24	sq.m		12%	10%	22%					
	Material											
	Primer, Zinc Chromate	5.49	gal		12%	10%	22%					
	Enamel Paint	13.72	gal		12%	10%	22%					
	Paint Thinner	34.31	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14.0000	Tile Works											
14 (a)	Glazed Tiles and Trims	189.00	sq.m		12%	10%	22%					
	Material											
	Glazed Tiles	198.45	sq.m		12%	10%	22%					
	Cement	61.43	bag		12%	10%	22%					
	Sand	4.91	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	23.63	bag		12%	10%	22%					
	Tile Adhesive 25 kg/bag	27.03	bag		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	26.10	sq.m		12%	10%	22%					
	Material											
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	27.41	sq.m		12%	10%	22%					
	Cement	8.48	bag		12%	10%	22%					
	Sand	0.68	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	3.26	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	TOTAL CONSTRUCTION COST											

Prepared by:

Contractor

DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2026 - XII - TACURONG CITY - 001-c

School	: Tacurong Pilot Elementary School		Date:	March 2026	
School I.D	: 131220		Budget Allocation:	1,949,023.22	
Region	: XII		Engineering and Administrative Overhead:	0.00	
Division	: Tacurong City Division		Approved Budget for the Contract:	1,949,023.22	
Project Title	:		Completion Period:		
: PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (7m x 8m) BLDG. 13			Minimum Required Manpower:		
			General Foreman Welder Carpenter		
			Helper Mason Painter		
Location	: Poblacion, Tacurong City		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
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)
A.	Facilities for the Engineer							
A.1	Temporary Facilities		Month	1.33				
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				
2.0000	Concreting Works (3000 psi)							
2 (h)	Ramp on Fill		cu m	2.46				
4.0000	Formworks							
4 (a)	Installation and Removal of Formworks		sq.m.	65.50				
5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHB)		sq.m	71.10				
5 (d)	Plain Cement Plaster Finish		sq.m	142.20				
6.0000	Fabricated Materials and Hardware							
6 (a)	Removal of Door with Jamb		set	4.00				
6 (b)	Removal of Window with Jamb		set	8.00				
6 (c)	Hollow Core Flush Door		sq m	2.94				
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	2.00				
7.0000	Steel Works							
7 (c)	Structural Steel Roof Truss		kg	1,169.00				
7 (d)	Structural Steel Purlins		kg	1,027.70				
7 (e)	Metal Structure Accessories (Steel Plates)		kg	331.95				
7 (f)	Metal Structure Accessories (Anchor Bolts)		pc	40.00				
7 (g)	Metal Structure Accessories (Sag Rods)		pc	192.00				
7 (h)	Metal Structure Accessories (Turn Buckle)		pc	16.00				
7 (i)	Metal Structure Accessories (Cross Bracing)		pc	16.00				
8.0000	Roofing Works							
8 (a)	Removal of Metal Roofing		sq m	209.93				
8 (b)	Pre - 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 (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	38.40				
9.0000	Ceiling and Carpentry Works							
9 (a)	Removal of Wooden Truss/ Beams		sq.m	372.23				
9 (b)	Removal of Purlins		sq m	372.23				
9 (c)	Removal of Partition		sq m	357.00				
9 (d)	Removal of Ceiling		sq m	162.96				
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	162.96				
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				

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
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 (a)	Masonry Painting		sq.m	318.32				
13 (b)	Wooden Painting		sq.m	4.20				
13 (c)	Metal Painting		sq.m	91.02				
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims		sq.m	112.00				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	17.40				
						Total Construction Cost		

Prepared by:

Contractor



PROGRAM OF WORKS
DETAILED COST ESTIMATE
(TOTAL CONSTRUCTION COST/ ABC)
REPAIR 2026 - XII - TACURONG CITY - 001-c

PROJECT : PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (7m x 8m) BLDG. 13
SCHOOL : TACURONG PILOT ELEMENTARY SCHOOL
LOCATION : POBLACION, TACURONG CITY
OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 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)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	1.33	Month		0%	0%	0%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	0.17	lot		0%	0%	0%					
SPL 1	Project Billboard	0.17	Each		0%	0%	0%					
SPL 2	Construction Safety and Health	0.17	Ls		0%	0%	0%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	0.17	Ls		0%	0%	0%					
2.0000	Concreting Works (3000 psi)											
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
2 (h)	Ramp on Fill	2.46	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	6.88	hrs		12%	10%	22%					
	Material											
	Portland Cement	22.11	bag		12%	10%	22%					
	Crushed Gravel 1"	2.46	cu.m		12%	10%	22%					
	Washed Sand	1.23	cu.m		12%	10%	22%					
	10mm x 6m RSB	11.98	kg		12%	10%	22%					
	G.I. Tie Wire	0.24	kg		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks	65.50	sq.m.		12%	10%	22%					
	Material											
	Coco Lumber - 3 uses	470.95	bdf		12%	10%	22%					
	Ordinary Plywood - 3 uses	22.73	pc.		12%	10%	22%					
	Assorted CWN	13.76	kg.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	71.10	sq.m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	18.59	hrs		12%	10%	22%					
	Material											
	CHB 4" thk	924.30	pcs		12%	10%	22%					
	Portland Cement	37.33	bag		12%	10%	22%					
	Washed Sand	2.84	cu.m		12%	10%	22%					
	10mm x 6m RSB	230.36	kg		12%	10%	22%					
	G.I. Tie Wire	3.56	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5 (d)	Plain Cement Plaster Finish	142.20	sq.m		12%	10%	22%					
	Material											
	Portland Cement	46.93	bags		12%	10%	22%					
	Washed Sand	3.84	cu.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6.0000	Fabricated Materials and Hardware											
6 (a)	Removal of Door with Jamb	4.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (b)	Removal of Window with Jamb	8.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (c)	Hollow Core Flush Door	2.94	sq m		12%	10%	22%					
	Material											
	Hollow Core Flush Door	2.94	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	7.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (d)	Wooden Panel Door	4.20	sq m		12%	10%	22%					
	Material											
	Wood Panel Door	4.20	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	8.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	2.00	set		12%	10%	22%					

	Door Jamb 45mm x 150mm	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (e)	Jalousie Window (Glass)	29.12	sq m		12%	10%	22%					
	Material											
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	29.12	sq m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	8.00	set		12%	10%	22%					
	Material											
	Door Jamb 45mm x 150mm	8.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (g)	Ramp Rail	2.00	Ls		12%	10%	22%					
	Equipment											
	Welding Machine	128.00	hrs		12%	10%	22%					
	Material											
	G.I. Pipe 1-½"Ø Sch. 40	12.00	pc		12%	10%	22%					
	Welding Rod	6.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7.0000	Steel Works											
7 (c)	Structural Steel Roof Truss	1,169.00	kg		12%	10%	22%					
	Equipment											
	Welding Machine	10.31	hrs		12%	10%	22%					
	Cutting Outfit	3.44	hrs		12%	10%	22%					
	Truck Mounted Crane (20 - 25mT)	3.30	hrs		12%	10%	22%					
	Material											
	L 50 x 50 x 6mm	1,146.58	kg		12%	10%	22%					
	L 50 x 50 x 2mm	22.42	kg		12%	10%	22%					
	Acetylene	12.86	kg		12%	10%	22%					
	Oxygen	25.72	kg		12%	10%	22%					
	Welding Rod	23.38	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (d)	Structural Steel Purlins	1,027.70	kg		12%	10%	22%					
	Equipment											
	Welding Machine	11.36	hrs		12%	10%	22%					
	Material											
	2" x 4" x 1.5mm C - purlins	1,079.09	kg		12%	10%	22%					
	Welding Rod	20.55	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (e)	Metal Structure Accessories (Steel Plates)	331.95	kg		12%	10%	22%					
	Material											
	Steel Plate 1.20m x 2.40m x 6mm thk	213.40	kg		12%	10%	22%					

	Steel Plate 1.20m x 2.40m x 10mm thk	118.55	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (f)	Metal Structure Accessories (Anchor Bolts)	40.00	pc		12%	10%	22%					
	Material											
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	40.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (g)	Metal Structure Accessories (Sag Rods)	192.00	pc		12%	10%	22%					
	Material											
	12mmØ Sag Rods with Standard Nuts and Washers	192.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (h)	Metal Structure Accessories (Turn Buckle)	16.00	pc		12%	10%	22%					
	Material											
	Turn Buckle 16 mmØ	16.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (i)	Metal Structure Accessories (Cross Bracing)	16.00	pc		12%	10%	22%					
	Material											
	Plain Round Bar 16mmØ x 6m	16.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8.0000	Roofing Works											
8 (a)	Removal of Metal Roofing	209.93	sq m		12%	10%	22%					
	Equipment											
	Electric Hand Drill	11.50	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	11.50	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	209.93	sq m		12%	10%	22%					
	Material											
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	220.43	sq m		12%	10%	22%					
	Fascia Board, Fiber Cement 12" x 8'	25.00	pc		12%	10%	22%					
	L 20 x 20 x 2mm	80.00	kg		12%	10%	22%					
	L 38 x 38 x 4.5mm	66.00	kg		12%	10%	22%					
	3" Flat head Countersunk screw	340.00	pc		12%	10%	22%					
	J-Bolt (6mm dia.)	840.00	pc		12%	10%	22%					
	Teckscrew 2-¾"	1,684.00	pc		12%	10%	22%					
	Roof Sealant	4.00	L		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	38.40	m		12%	10%	22%					
	Material											

	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	25.62	lm		12%	10%	22%					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	6.00	pc		12%	10%	22%					
	Blind Rivets	729.60	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9.0000	Ceiling and Carpentry Works											
9 (a)	Removal of Wooden Truss/ Beams	372.23	sq.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (b)	Removal of Purlins	372.23	sq m		12%	10%	22%					
	Equipment											
	Chainsaw	6.65	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	6.65	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (c)	Removal of Partition	357.00	sq m		12%	10%	22%					
9 (d)	Removal of Ceiling	162.96	sq m		12%	10%	22%					
	Equipment											
	H - Frame 1.7m x 1.2m (sets)	9.40	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	162.96	sq m		12%	10%	22%					
	Material											
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	58.18	pc		12%	10%	22%					
	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk)	58.18	pc		12%	10%	22%					
	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk)	184.31	pc		12%	10%	22%					
	Wall Angle 1" x 1" x 10'	38.78	pc		12%	10%	22%					
	Preformed Wire Clip	977.76	pc		12%	10%	22%					
	Steel Angle	162.96	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (i)	Blackboard	11.52	sq.m		12%	10%	22%					
	Material											
	S4S Lumber, Kiln Dried, Tanguile	73.00	bd.ft		12%	10%	22%					
	Lawanit, 1/4" thk	4.00	pc		12%	10%	22%					
	Finishing Nails	1.00	kg		12%	10%	22%					
	CWN, Assorted	2.00	kg		12%	10%	22%					
	Concrete Nails	1.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10.0000	Electrical Works											

10 (a)	Conduit, Boxes and Fitting	1.00	Ls		12%	10%	22%					
	Material											
	Electrical Conduit uPVC, 15mmØ	30.00	pc		12%	10%	22%					
	RSC 20mmØ	1.00	pc		12%	10%	22%					
	Entrance Cap 20mm dia.	1.00	pc		12%	10%	22%					
	Junction Box, 4" x 4" G.I.	8.00	pc		12%	10%	22%					
	Utility Box, 2" x 4" G.I.	10.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (b)	Wires and Wiring Devices	1.00	Ls		12%	10%	22%					
	Material											
	3.5 mm² THHN Wire, Stranded	230.00	m		12%	10%	22%					
	Electrical Tape	60.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (c)	Lighting Fixture/ Fixture	1.00	Ls		12%	10%	22%					
	Material											
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	4.00	set		12%	10%	22%					
	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	2.00	set		12%	10%	22%					
	FL 1 x 40W Industrial Type	12.00	set		12%	10%	22%					
	Safety Switch 30A 2P	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (d)	Panel Board and Cabinets	1.00	Ls		12%	10%	22%					
	Material											
	Panel Box, Flush Type, 4 Branches	1.00	set		12%	10%	22%					
	Circuit Breaker, 40A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 20A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 30A 2P	1.00	set		12%	10%	22%					
	Grounding System		-		12%	10%	22%					
	Grounding Rod, 2.4m x 16mm dia.	1.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls		12%	10%	22%					
	Material											
	Faucet, Hose Bibb, Brass 1/2"Ø	4.00	pc		12%	10%	22%					
	Teflon Tape	4.00	roll		12%	10%	22%					
	PP-R Pipe 1"Ø x 4.0m	8.00	pc		12%	10%	22%					
	PP-R Pipe 3/4"Ø x 4.0m	12.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 1"Ø	4.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 3/4"Ø	18.00	pc		12%	10%	22%					
	PP-R Tee, 3/4"Ø	20.00	pc		12%	10%	22%					
	PP-R Tee Reducer, 1" x 3/4"Ø	2.00	pc		12%	10%	22%					

	PP-R Plug, 3/4"Ø	10.00	pc		12%	10%	22%					
	PP-R Coupling, 1"Ø	4.00	pc		12%	10%	22%					
	PP-R Coupling Reducer, 1" x 3/4"Ø	2.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12.0000	Sanitary Works											
12 (a)	Sewer Line Works	1.00	Ls		12%	10%	22%					
	Closet Bend, 4"	4.00	pc		12%	10%	22%					
	Stainless Steel Vent Protection Screen, 2"	2.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 4"Ø x 3.0m	6.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 2"Ø x 3.0m	6.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 1-1/2"Ø	2.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 4"	10.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 1-1/2"	8.00	pc		12%	10%	22%					
	PVC Sanitary Wye 1-1/2" x 1-1/2"	8.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 4"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 1-1/2"Ø	8.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 4"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 2"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Tee 4" x 4"	2.00	pc		12%	10%	22%					
	PVC Sanitary Tee 2" x 2"	2.00	pc		12%	10%	22%					
	PVC P-Trap 4"	2.00	pc		12%	10%	22%					
	PVC P-Trap 1-1/2"'''	2.00	pc		12%	10%	22%					
	Brass Cleanout 4" x 4"	2.00	pc		12%	10%	22%					
	PVC Cement	8.00	can		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls		12%	10%	22%					
	Material											
	Water Closet 1.6gpf with Accessories	2.00	set		12%	10%	22%					
	Water Closet Flange	2.00	set		12%	10%	22%					
	Urinal 0.8gpf	2.00	set		12%	10%	22%					
	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	2.00	set		12%	10%	22%					
	Lavatory, Pedestal Type with Accessories	2.00	set		12%	10%	22%					
	S.S. Floor Drain 4" x 4"	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13.0000	Painting Works											
13 (a)	Masonry Painting	318.32	sq.m		12%	10%	22%					
	Material											
	Neutralizer	6.37	gal		12%	10%	22%					
	Latex, Flat	25.47	gal		12%	10%	22%					
	Masonry Putty	15.92	gal		12%	10%	22%					

	Latex, Semi Gloss	25.47	gal		12%	10%	22%					
	Acri Color	1.59	qrt		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (b)	Wooden Painting	4.20	sq.m		12%	10%	22%					
	Material											
	Enamel, Flatwall	0.21	gal		12%	10%	22%					
	Enamel, Semi Gloss	0.34	gal		12%	10%	22%					
	Glazing Putty	0.21	gal		12%	10%	22%					
	Paint Thinner	0.04	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (c)	Metal Painting	91.02	sq.m		12%	10%	22%					
	Material											
	Primer, Zinc Chromate	3.64	gal		12%	10%	22%					
	Enamel Paint	9.10	gal		12%	10%	22%					
	Paint Thinner	22.75	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14.0000	Tile Works											
14 (a)	Glazed Tiles and Trims	112.00	sq.m		12%	10%	22%					
	Material											
	Glazed Tiles	117.60	sq.m		12%	10%	22%					
	Cement	36.40	bag		12%	10%	22%					
	Sand	2.91	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	14.00	bag		12%	10%	22%					
	Tile Adhesive 25 kg/bag	16.02	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	17.40	sq.m		12%	10%	22%					
	Material											
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	18.27	sq.m		12%	10%	22%					
	Cement	5.66	bag		12%	10%	22%					
	Sand	0.45	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	2.18	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	TOTAL CONSTRUCTION COST											

Prepared by:

Contractor

DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2026 - XII - TACURONG CITY - 001-d

School	: Tacurong Pilot Elementary School				Date:	March 2026			
School I.D	: 131220				Budget Allocation:	2,631,783.20			
Region	: XII				Engineering and Administrative Overhead:	0.00			
Division	: Tacurong City Division				Approved Budget for the Contract:	2,631,783.20			
Project Title	:				Completion Period:				
: PROPOSED REPAIR AND REHABILITATION OF THREE (3) CLASSROOM (8m x 6m) BLDG. 15					Minimum Required Manpower:				
					General Foreman		Welder	Carpenter	
					Helper		Mason	Painter	
Location : Poblacion, Tacurong City					Minimum Required Equipment:				
					Hand Tools		Welding Machine		
					One-Bagger Mixer		Bar Cutter		
Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost (8) (9) / (5)	Adjusted Total Cost (9)	
					Total Cost	Unit Cost			
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)			
A.	Facilities for the Engineer								
A.1	Temporary Facilities		Month	1.33					
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					
2.0000	Concreting Works (3000 psi)								
2 (b)	Structural Concrete (Footing and Slab on Fill)		cu m	3.60					
2 (h)	Ramp on Fill		cu m	2.46					
3.0000	Rebar Works								
3 (a)	Reinforcing Steel Bar, Grade 40		kg	400.56					
4.0000	Formworks								
4 (a)	Installation and Removal of Formworks		sq.m.	84.40					
5.0000	Masonry Works								
5 (b)	Masonry (100 mm CHB)		sq.m	119.40					
5 (d)	Plain Cement Plaster Finish		sq.m	238.80					
6.0000	Fabricated Materials and Hardware								
6 (a)	Removal of Door with Jamb		set	6.00					
6 (b)	Removal of Window with Jamb		set	12.00					
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 (Jambs, Sill, Head, Transoms, and Mullions)		set	12.00					
6 (g)	Ramp Rail		Ls	2.00					
7.0000	Steel Works								
7 (c)	Structural Steel Roof Truss		kg	1,636.60					
7 (d)	Structural Steel Purlins		kg	1,147.20					
7 (e)	Metal Structure Accessories (Steel Plates)		kg	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					
8.0000	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 BMT/ above 0.427 BMT		sq m	314.90					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	40.40					
9.0000	Ceiling and Carpentry Works								
9 (a)	Removal of Wooden Truss/ Beams		sq.m	478.58					
9 (b)	Removal of Purlins		sq m	478.58					
9 (c)	Removal of Partition		sq m	48.00					
9 (d)	Removal of Ceiling		sq m	201.16					
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	201.16					
9 (i)	Blackboard		sq.m	17.28					

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total 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				
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	401.20				
13 (b)	Wooden Painting		sq.m	6.30				
13 (c)	Metal Painting		sq.m	115.79				
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims		sq.m	144.00				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	26.10				
						Total Construction Cost		2,631,783.20

Prepared by:

Contractor



PROGRAM OF WORKS
DETAILED COST ESTIMATE
(TOTAL CONSTRUCTION COST/ ABC)
REPAIR 2026 - XII - TACURONG CITY - 001-d

PROJECT : PROPOSED REPAIR AND REHABILITATION OF THREE (3) CLASSROOM (8m x 6m) BLDG. 15
SCHOOL : TACURONG PILOT ELEMENTARY SCHOOL
LOCATION : POBLACION, TACURONG CITY
OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 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)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	1.33	Month		0%	0%	0%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	0.17	lot		0%	0%	0%					
SPL 1	Project Billboard	0.17	Each		0%	0%	0%					
SPL 2	Construction Safety and Health	0.17	Ls		0%	0%	0%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	0.17	Ls		0%	0%	0%					
2.0000	Concreting Works (3000 psi)											
2 (b)	Structural Concrete (Footing and Slab on Fill)	3.60	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	10.08	hrs		12%	10%	22%					
	Material											
	Portland Cement	32.40	bag		12%	10%	22%					
	Washed Sand	1.80	cu.m.		12%	10%	22%					
	Crushed Gravel 3/4"	3.60	cu.m.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
2 (h)	Ramp on Fill	2.46	cu m		12%	10%	22%					
	Equipment											

	One - bagger Mixer	6.88	hrs		12%	10%	22%					
	Material											
	Portland Cement	22.11	bag		12%	10%	22%					
	Crushed Gravel 1"	2.46	cu.m		12%	10%	22%					
	Washed Sand	1.23	cu.m		12%	10%	22%					
	10mm x 6m RSB	11.98	kg		12%	10%	22%					
	G.I. Tie Wire	0.24	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
3.0000	Rebar Works											
3 (a)	Reinforcing Steel Bar, Grade 40	400.56	kg		12%	10%	22%					
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks	84.40	sq.m.		12%	10%	22%					
	Material											
	Coco Lumber - 3 uses	606.84	bdft		12%	10%	22%					
	Ordinary Plywood - 3 uses	29.29	pc.		12%	10%	22%					
	Assorted CWN	17.72	kg.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	119.40	sq.m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	31.22	hrs		12%	10%	22%					
	Material											
	CHB 4" thk	1,552.20	pcs		12%	10%	22%					
	Portland Cement	62.69	bag		12%	10%	22%					
	Washed Sand	4.78	cu.m		12%	10%	22%					
	10mm x 6m RSB	386.86	kg		12%	10%	22%					
	G.I. Tie Wire	5.97	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5 (d)	Plain Cement Plaster Finish	238.80	sq.m		12%	10%	22%					
	Material											
	Portland Cement	78.80	bags		12%	10%	22%					
	Washed Sand	6.45	cu.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6.0000	Fabricated Materials and Hardware											
6 (a)	Removal of Door with Jamb	6.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (b)	Removal of Window with Jamb	12.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (c)	Hollow Core Flush Door	4.41	sq m		12%	10%	22%					
	Material											
	Hollow Core Flush Door	4.41	sq.m		12%	10%	22%					

	Hinges, Standard 3-1/2" x 3-1/2"	10.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (d)	Wooden Panel Door	6.30	sq m		12%	10%	22%					
	Material											
	Wood Panel Door	6.30	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	12.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	3.00	set		12%	10%	22%					
	Door Jamb 45mm x 150mm	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (e)	Jalousie Window (Glass)	43.68	sq m		12%	10%	22%					
	Material											
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	43.68	sq m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	12.00	set		12%	10%	22%					
	Material											
	Door Jamb 45mm x 150mm	12.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (g)	Ramp Rail	2.00	Ls		12%	10%	22%					
	Equipment											
	Welding Machine	128.00	hrs		12%	10%	22%					
	Material											
	G.I. Pipe 1-1/2"Ø Sch. 40	12.00	pc		12%	10%	22%					
	Welding Rod	6.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7.0000	Steel Works											
7 (c)	Structural Steel Roof Truss	1,636.60	kg		12%	10%	22%					
	Equipment											
	Welding Machine	14.44	hrs		12%	10%	22%					
	Cutting Outfit	4.81	hrs		12%	10%	22%					
	Truck Mounted Crane (20 - 25mT)	4.62	hrs		12%	10%	22%					
	Material											
	L 50 x 50 x 6mm	1,605.21	kg		12%	10%	22%					
	L 50 x 50 x 2mm	31.39	kg		12%	10%	22%					
	Acetylene	18.00	kg		12%	10%	22%					
	Oxygen	36.01	kg		12%	10%	22%					
	Welding Rod	32.73	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (d)	Structural Steel Purlins	1,147.20	kg		12%	10%	22%					
	Equipment											

	Welding Machine	12.68	hrs		12%	10%	22%					
	Material											
	2" x 4" x 1.5mm C - purlins	1,204.56	kg		12%	10%	22%					
	Welding Rod	22.94	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (e)	Metal Structure Accessories (Steel Plates)	464.73	kg		12%	10%	22%					
	Material											
	Steel Plate 1.20m x 2.40m x 6mm thk	298.76	kg		12%	10%	22%					
	Steel Plate 1.20m x 2.40m x 10mm thk	165.98	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (f)	Metal Structure Accessories (Anchor Bolts)	56.00	pc		12%	10%	22%					
	Material											
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	56.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (g)	Metal Structure Accessories (Sag Rods)	288.00	pc		12%	10%	22%					
	Material											
	12mmØ Sag Rods with Standard Nuts and Washers	288.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (h)	Metal Structure Accessories (Turn Buckle)	24.00	pc		12%	10%	22%					
	Material											
	Turn Buckle 16 mmØ	24.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (i)	Metal Structure Accessories (Cross Bracing)	24.00	pc		12%	10%	22%					
	Material											
	Plain Round Bar 16mmØ x 6m	24.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8.0000	Roofing Works											
8 (a)	Removal of Metal Roofing	314.90	sq m		12%	10%	22%					
	Equipment											
	Electric Hand Drill	17.25	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	17.25	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	314.90	sq m		12%	10%	22%					
	Material											
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	330.65	sq m		12%	10%	22%					
	Fascia Board, Fiber Cement 12" x 8'	32.00	pc		12%	10%	22%					
	L 20 x 20 x 2mm	103.00	kg		12%	10%	22%					
	L 38 x 38 x 4.5mm	66.00	kg		12%	10%	22%					

	3" Flat head Countersunk screw	340.00	pc		12%	10%	22%					
	J-Bolt (6mm dia.)	1,260.00	pc		12%	10%	22%					
	Teckscrew 2-3/4"	2,526.00	pc		12%	10%	22%					
	Roof Sealant	6.00	L		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	40.40	m		12%	10%	22%					
	Material											
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	25.62	lm		12%	10%	22%					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	7.00	pc		12%	10%	22%					
	Blind Rivets	767.60	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9.0000	Ceiling and Carpentry Works											
9 (a)	Removal of Wooden Truss/ Beams	478.58	sq.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (b)	Removal of Purlins	478.58	sq m		12%	10%	22%					
	Equipment											
	Chainsaw	8.55	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	8.55	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (c)	Removal of Partition	48.00	sq m		12%	10%	22%					
9 (d)	Removal of Ceiling	201.16	sq m		12%	10%	22%					
	Equipment											
	H - Frame 1.7m x 1.2m (sets)	11.60	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	201.16	sq m		12%	10%	22%					
	Material											
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	71.81	pc		12%	10%	22%					
	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk	71.81	pc		12%	10%	22%					
	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk	227.51	pc		12%	10%	22%					
	Wall Angle 1" x 1" x 10'	47.88	pc		12%	10%	22%					
	Preformed Wire Clip	1,206.96	pc		12%	10%	22%					
	Steel Angle	201.16	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (i)	Blackboard	17.28	sq.m		12%	10%	22%					

	Material											
	S4S Lumber, Kiln Dried, Tanguile	110.00	bd.ft		12%	10%	22%					
	Lawanit, 1/4" thk	6.00	pc		12%	10%	22%					
	Finishing Nails	2.00	kg		12%	10%	22%					
	CWN, Assorted	3.00	kg		12%	10%	22%					
	Concrete Nails	2.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10.0000	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls		12%	10%	22%					
	Material											
	Electrical Conduit uPVC, 15mmØ	45.00	pc		12%	10%	22%					
	RSC 20mmØ	1.00	pc		12%	10%	22%					
	Entrance Cap 20mm dia.	1.00	pc		12%	10%	22%					
	Junction Box, 4" x 4" G.I.	12.00	pc		12%	10%	22%					
	Utility Box, 2" x 4" G.I.	15.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (b)	Wires and Wiring Devices	1.00	Ls		12%	10%	22%					
	Material											
	3.5 mm² THHN Wire, Stranded	345.00	m		12%	10%	22%					
	Electrical Tape	60.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (c)	Lighting Fixture/ Fixture	1.00	Ls		12%	10%	22%					
	Material											
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	6.00	set		12%	10%	22%					
	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	3.00	set		12%	10%	22%					
	FL 1 x 40W Industrial Type	18.00	set		12%	10%	22%					
	Safety Switch 30A 2P	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (d)	Panel Board and Cabinets	1.00	Ls		12%	10%	22%					
	Material											
	Panel Box, Flush Type, 4 Branches	1.00	set		12%	10%	22%					
	Circuit Breaker, 40A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 20A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 30A 2P	1.00	set		12%	10%	22%					
	Grounding System		-		12%	10%	22%					
	Grounding Rod, 2.4m x 16mm dia.	1.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls		12%	10%	22%					
	Material											

	Faucet, Hose Bibb, Brass 1/2"Ø	6.00	pc		12%	10%	22%					
	Teflon Tape	6.00	roll		12%	10%	22%					
	PP-R Pipe 1"Ø x 4.0m	12.00	pc		12%	10%	22%					
	PP-R Pipe 3/4"Ø x 4.0m	18.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 1"Ø	6.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 3/4"Ø	27.00	pc		12%	10%	22%					
	PP-R Tee, 3/4"Ø	30.00	pc		12%	10%	22%					
	PP-R Tee Reducer, 1" x 3/4"Ø	3.00	pc		12%	10%	22%					
	PP-R Plug, 3/4"Ø	15.00	pc		12%	10%	22%					
	PP-R Coupling, 1"Ø	6.00	pc		12%	10%	22%					
	PP-R Coupling Reducer, 1" x 3/4"Ø	3.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12.0000	Sanitary Works											
12 (a)	Sewer Line Works	1.00	Ls		12%	10%	22%					
	Closet Bend, 4"	6.00	pc		12%	10%	22%					
	Stainless Steel Vent Protection Screen, 2"	3.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 4"Ø x 3.0m	9.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 2"Ø x 3.0m	9.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 1-1/2"Ø	3.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 4"	15.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 1-1/2"	12.00	pc		12%	10%	22%					
	PVC Sanitary Wye 1-1/2" x 1-1/2"	12.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 4"Ø	6.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 1-1/2"Ø	12.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 4"Ø	6.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 2"Ø	6.00	pc		12%	10%	22%					
	PVC Sanitary Tee 4" x 4"	3.00	pc		12%	10%	22%					
	PVC Sanitary Tee 2" x 2"	3.00	pc		12%	10%	22%					
	PVC P-Trap 4"	3.00	pc		12%	10%	22%					
	PVC P-Trap 1-1/2"'''	3.00	pc		12%	10%	22%					
	Brass Cleanout 4" x 4"	3.00	pc		12%	10%	22%					
	PVC Cement	12.00	can		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls		12%	10%	22%					
	Material											
	Water Closet 1.6gpf with Accessories	3.00	set		12%	10%	22%					
	Water Closet Flange	3.00	set		12%	10%	22%					
	Urinal 0.8gpf	3.00	set		12%	10%	22%					
	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	3.00	set		12%	10%	22%					
	Lavatory, Pedestal Type with Accessories	3.00	set		12%	10%	22%					

	S.S. Floor Drain 4" x 4"	3.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13.0000	Painting Works											
13 (a)	Masonry Painting	401.20	sq.m		12%	10%	22%					
	Material											
	Neutralizer	8.02	gal		12%	10%	22%					
	Latex, Flat	32.10	gal		12%	10%	22%					
	Masonry Putty	20.06	gal		12%	10%	22%					
	Latex, Semi Gloss	32.10	gal		12%	10%	22%					
	Acri Color	2.01	qrt		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (b)	Wooden Painting	6.30	sq.m		12%	10%	22%					
	Material											
	Enamel, Flatwall	0.32	gal		12%	10%	22%					
	Enamel, Semi Gloss	0.50	gal		12%	10%	22%					
	Glazing Putty	0.32	gal		12%	10%	22%					
	Paint Thinner	0.06	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (c)	Metal Painting	115.79	sq.m		12%	10%	22%					
	Material											
	Primer, Zinc Chromate	4.63	gal		12%	10%	22%					
	Enamel Paint	11.58	gal		12%	10%	22%					
	Paint Thinner	28.95	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14.0000	Tile Works											
14 (a)	Glazed Tiles and Trims	144.00	sq.m		12%	10%	22%					
	Material											
	Glazed Tiles	151.20	sq.m		12%	10%	22%					
	Cement	46.80	bag		12%	10%	22%					
	Sand	3.74	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	18.00	bag		12%	10%	22%					
	Tile Adhesive 25 kg/bag	20.59	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	26.10	sq.m		12%	10%	22%					
	Material											
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	27.41	sq.m		12%	10%	22%					
	Cement	8.48	bag		12%	10%	22%					
	Sand	0.68	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	3.26	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					

	TOTAL CONSTRUCTION COST											
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Prepared by:

Contractor

DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2026 - XII - TACURONG CITY - 001-e

School	: Tacurong Pilot Elementary School				Date:	March 2026			
School I.D	: 131220				Budget Allocation:	1,937,886.70			
Region	: XII				Engineering and Administrative Overhead:	0.00			
Division	: Tacurong City Division				Approved Budget for the Contract:	1,937,886.70			
Project Title	:				Completion Period:				
: PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (8m x 6m) BLDG. 34					Minimum Required Manpower:				
					General Foreman		Welder	Carpenter	
					Helper		Mason	Painter	
Location : Poblacion, Tacurong City					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	
					Total Cost	Unit Cost			
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)	
A.	Facilities for the Engineer								
A.1	Temporary Facilities		Month	1.33					
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					
2.0000	Concreting Works (3000 psi)								
2 (h)	Ramp on Fill		cu m	2.46					
4.0000	Formworks								
4 (a)	Installation and Removal of Formworks		sq.m.	60.00					
5.0000	Masonry Works								
5 (b)	Masonry (100 mm CHB)		sq.m	75.60					
5 (d)	Plain Cement Plaster Finish		sq.m	151.20					
6.0000	Fabricated Materials and Hardware								
6 (a)	Removal of Door with Jamb		set	4.00					
6 (b)	Removal of Window with Jamb		set	8.00					
6 (c)	Hollow Core Flush Door		sq m	2.94					
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	2.00					
7.0000	Steel Works								
7 (c)	Structural Steel Roof Truss		kg	1,169.00					
7 (d)	Structural Steel Purlins		kg	788.70					
7 (e)	Metal Structure Accessories (Steel Plates)		kg	331.95					
7 (f)	Metal Structure Accessories (Anchor Bolts)		pc	40.00					
7 (g)	Metal Structure Accessories (Sag Rods)		pc	192.00					
7 (h)	Metal Structure Accessories (Turn Buckle)		pc	16.00					
7 (i)	Metal Structure Accessories (Cross Bracing)		pc	16.00					
8.0000	Roofing Works								
8 (a)	Removal of Metal Roofing		sq m	209.93					
8 (b)	Pre - 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 (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	34.40					
9.0000	Ceiling and Carpentry Works								
9 (a)	Removal of Wooden Truss/ Beams		sq.m	319.06					
9 (b)	Removal of Purlins		sq m	319.06					
9 (c)	Removal of Partition		sq m	24.00					
9 (d)	Removal of Ceiling		sq m	136.96					
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	136.96					
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					

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
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 (a)	Masonry Painting		sq.m	286.32				
13 (b)	Wooden Painting		sq.m	4.20				
13 (c)	Metal Painting		sq.m	81.48				
14.0000	Tile Works							
14 (a)	Glazed Tiles and Trims		sq.m	96.00				
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles		sq.m	17.40				
						Total Construction Cost		

Prepared by:

Contractor



PROGRAM OF WORKS
DETAILED COST ESTIMATE
(TOTAL CONSTRUCTION COST/ ABC)
REPAIR 2026 - XII - TACURONG CITY - 001-e

PROJECT : PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (8m x 6m) BLDG. 34
SCHOOL : TACURONG PILOT ELEMENTARY SCHOOL
LOCATION : POBLACION, TACURONG CITY
OWNER : DEPARTMENT OF EDUCATION

CONTRACT DURATION : 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)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	1.33	Month		0%	0%	0%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	0.17	lot		0%	0%	0%					
SPL 1	Project Billboard	0.17	Each		0%	0%	0%					
SPL 2	Construction Safety and Health	0.17	Ls		0%	0%	0%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	0.17	Ls		0%	0%	0%					
2.0000	Concreting Works (3000 psi)											
2 (a)	Demolition of reinforced concrete	6.30	cu m		12%	10%	22%					
2 (b)	Structural Concrete (Footing and Slab on Fill)	9.60	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	26.89	hrs		12%	10%	22%					
	Material											
	Portland Cement	86.40	bag		12%	10%	22%					
	Washed Sand	4.80	cu.m.		12%	10%	22%					
	Crushed Gravel 3/4"	9.60	cu.m.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
2 (c)	Structural Concrete (Footing Tie Beam, Column, Suspended Slab, Girder/ Beam)	1.44	cu m		12%	10%	22%					

	Equipment											
	One - bagger Mixer	5.33	hrs		12%	10%	22%					
	Material											
	Portland Cement	12.96	bag		12%	10%	22%					
	Washed Sand	0.72	cu.m.		12%	10%	22%					
	Crushed Gravel 3/4"	1.44	cu.m.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
2 (h)	Ramp on Fill	2.46	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	6.88	hrs		12%	10%	22%					
	Material											
	Portland Cement	22.11	bag		12%	10%	22%					
	Crushed Gravel 1"	2.46	cu.m		12%	10%	22%					
	Washed Sand	1.23	cu.m		12%	10%	22%					
	10mm x 6m RSB	11.98	kg		12%	10%	22%					
	G.I. Tie Wire	0.24	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
3.0000	Rebar Works											
3 (a)	Reinforcing Steel Bar, Grade 40	267.04	kg		12%	10%	22%					
4.0000	Formworks											
4 (a)	Installation and Removal of Formworks	60.00	sq.m.		12%	10%	22%					
	Material											
	Coco Lumber - 3 uses	431.40	bdft		12%	10%	22%					
	Ordinary Plywood - 3 uses	20.82	pc.		12%	10%	22%					
	Assorted CWN	12.60	kg.		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	75.60	sq.m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	19.76	hrs		12%	10%	22%					
	Material											
	CHB 4" thk	982.80	pcs		12%	10%	22%					
	Portland Cement	39.69	bag		12%	10%	22%					
	Washed Sand	3.02	cu.m		12%	10%	22%					
	10mm x 6m RSB	244.94	kg		12%	10%	22%					
	G.I. Tie Wire	3.78	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5 (d)	Plain Cement Plaster Finish	151.20	sq.m		12%	10%	22%					
	Material											
	Portland Cement	49.90	bags		12%	10%	22%					
	Washed Sand	4.08	cu.m		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6.0000	Fabricated Materials and Hardware											
6 (a)	Removal of Door with Jamb	4.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (b)	Removal of Window with Jamb	8.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (c)	Hollow Core Flush Door	2.94	sq m		12%	10%	22%					
	Material											
	Hollow Core Flush Door	2.94	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	7.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (d)	Wooden Panel Door	4.20	sq m		12%	10%	22%					
	Material											
	Wood Panel Door	4.20	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	8.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	2.00	set		12%	10%	22%					
	Door Jamb 45mm x 150mm	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (e)	Jalousie Window (Glass)	29.12	sq m		12%	10%	22%					
	Material											
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	29.12	sq m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	8.00	set		12%	10%	22%					
	Material											
	Door Jamb 45mm x 150mm	8.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (g)	Ramp Rail	2.00	Ls		12%	10%	22%					
	Equipment											
	Welding Machine	64.00	hrs		12%	10%	22%					
	Material											
	G.I. Pipe 1-1/2"Ø Sch. 40	12.00	pc		12%	10%	22%					
	Welding Rod	6.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7.0000	Steel Works											
7 (c)	Structural Steel Roof Truss	1,169.00	kg		12%	10%	22%					
	Equipment											
	Welding Machine	10.31	hrs		12%	10%	22%					
	Cutting Outfit	3.44	hrs		12%	10%	22%					

	Truck Mounted Crane (20 - 25mT)	3.30	hrs		12%	10%	22%					
	Material											
	L 50 x 50 x 6mm	1,146.58	kg		12%	10%	22%					
	L 50 x 50 x 2mm	22.42	kg		12%	10%	22%					
	Acetylene	12.86	kg		12%	10%	22%					
	Oxygen	25.72	kg		12%	10%	22%					
	Welding Rod	23.38	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (d)	Structural Steel Purlins	788.70	kg		12%	10%	22%					
	Equipment											
	Welding Machine	8.72	hrs		12%	10%	22%					
	Material											
	2" x 4" x 1.5mm C - purlins	828.14	kg		12%	10%	22%					
	Welding Rod	15.77	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (e)	Metal Structure Accessories (Steel Plates)	331.95	kg		12%	10%	22%					
	Material											
	Steel Plate 1.20m x 2.40m x 6mm thk	213.40	kg		12%	10%	22%					
	Steel Plate 1.20m x 2.40m x 10mm thk	118.55	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (f)	Metal Structure Accessories (Anchor Bolts)	40.00	pc		12%	10%	22%					
	Material											
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	40.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (g)	Metal Structure Accessories (Sag Rods)	192.00	pc		12%	10%	22%					
	Material											
	12mmØ Sag Rods with Standard Nuts and Washers	192.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (h)	Metal Structure Accessories (Turn Buckle)	16.00	pc		12%	10%	22%					
	Material											
	Turn Buckle 16 mmØ	16.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (i)	Metal Structure Accessories (Cross Bracing)	16.00	pc		12%	10%	22%					
	Material											
	Plain Round Bar 16mmØ x 6m	16.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8.0000	Roofing Works											
8 (a)	Removal of Metal Roofing	209.93	sq m		12%	10%	22%					
	Equipment											
	Electric Hand Drill	11.50	hrs		12%	10%	22%					

	H - Frame 1.7m x 1.2m (sets)	11.50	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT	209.93	sq m		12%	10%	22%					
	Material											
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	220.43	sq m		12%	10%	22%					
	Fascia Board, Fiber Cement 12" x 8'	25.00	pc		12%	10%	22%					
	L 20 x 20 x 2mm	80.00	kg		12%	10%	22%					
	L 38 x 38 x 4.5mm	66.00	kg		12%	10%	22%					
	3" Flat head Countersunk screw	340.00	pc		12%	10%	22%					
	J-Bolt (6mm dia.)	840.00	pc		12%	10%	22%					
	Teckscrew 2-3/4"	1,684.00	pc		12%	10%	22%					
	Roof Sealant	4.00	L		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	34.40	m		12%	10%	22%					
	Material											
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	25.62	lm		12%	10%	22%					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	4.00	pc		12%	10%	22%					
	Blind Rivets	653.60	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9.0000	Ceiling and Carpentry Works											
9 (a)	Removal of Wooden Truss/ Beams	319.06	sq.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (b)	Removal of Purlins	319.06	sq m		12%	10%	22%					
	Equipment											
	Chainsaw	5.70	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	5.70	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (c)	Removal of Partition	24.00	sq m		12%	10%	22%					
9 (d)	Removal of Ceiling	136.96	sq m		12%	10%	22%					
	Equipment											
	H - Frame 1.7m x 1.2m (sets)	7.90	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	136.96	sq m		12%	10%	22%					
	Material											

	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	48.89	pc		12%	10%	22%					
	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk	48.89	pc		12%	10%	22%					
	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk	154.90	pc		12%	10%	22%					
	Wall Angle 1" x 1" x 10'	32.60	pc		12%	10%	22%					
	Preformed Wire Clip	821.76	pc		12%	10%	22%					
	Steel Angle	136.96	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (i)	Blackboard	11.52	sq.m		12%	10%	22%					
	Material											
	S4S Lumber, Kiln Dried, Tanguile	73.00	bd.ft		12%	10%	22%					
	Lawanit, 1/4" thk	4.00	pc		12%	10%	22%					
	Finishing Nails	1.00	kg		12%	10%	22%					
	CWN, Assorted	2.00	kg		12%	10%	22%					
	Concrete Nails	1.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10.0000	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls		12%	10%	22%					
	Material											
	Electrical Conduit uPVC, 15mmØ	30.00	pc		12%	10%	22%					
	RSC 20mmØ	1.00	pc		12%	10%	22%					
	Entrance Cap 20mm dia.	1.00	pc		12%	10%	22%					
	Junction Box, 4" x 4" G.I.	8.00	pc		12%	10%	22%					
	Utility Box, 2" x 4" G.I.	10.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (b)	Wires and Wiring Devices	1.00	Ls		12%	10%	22%					
	Material											
	3.5 mm² THHN Wire, Stranded	230.00	m		12%	10%	22%					
	Electrical Tape	60.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (c)	Lighting Fixture/ Fixture	1.00	Ls		12%	10%	22%					
	Material											
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	4.00	set		12%	10%	22%					
	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	2.00	set		12%	10%	22%					
	FL 1 x 40W Industrial Type	12.00	set		12%	10%	22%					
	Safety Switch 30A 2P	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (d)	Panel Board and Cabinets	1.00	Ls		12%	10%	22%					
	Material											

	Panel Box, Circuit Breaker and Grounding System		-	-	12%	10%	22%	-	-	-	-	-
	Panel Box, Flush Type, 4 Branches	1.00	set		12%	10%	22%					
	Circuit Breaker, 40A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 20A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 30A 2P	1.00	set		12%	10%	22%					
	Grounding System		-		12%	10%	22%					
	Grounding Rod, 2.4m x 16mm dia.	1.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls		12%	10%	22%					
	Material											
	Faucet, Hose Bibb, Brass 1/2"Ø	4.00	pc		12%	10%	22%					
	Teflon Tape	4.00	roll		12%	10%	22%					
	PP-R Pipe 1"Ø x 4.0m	8.00	pc		12%	10%	22%					
	PP-R Pipe 3/4"Ø x 4.0m	12.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 1"Ø	4.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 3/4"Ø	18.00	pc		12%	10%	22%					
	PP-R Tee, 3/4"Ø	20.00	pc		12%	10%	22%					
	PP-R Tee Reducer, 1" x 3/4"Ø	2.00	pc		12%	10%	22%					
	PP-R Plug, 3/4"Ø	10.00	pc		12%	10%	22%					
	PP-R Coupling, 1"Ø	4.00	pc		12%	10%	22%					
	PP-R Coupling Reducer, 1" x 3/4"Ø	2.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12.0000	Sanitary Works											
12 (a)	Sewer Line Works	1.00	Ls		12%	10%	22%					
	Closet Bend, 4"	4.00	pc		12%	10%	22%					
	Stainless Steel Vent Protection Screen, 2"	2.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 4"Ø x 3.0m	6.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 2"Ø x 3.0m	6.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 1-1/2"Ø	2.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 4"	10.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 1-1/2"	8.00	pc		12%	10%	22%					
	PVC Sanitary Wye 1-1/2" x 1-1/2"	8.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 4"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 1-1/2"Ø	8.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 4"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 2"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Tee 4" x 4"	2.00	pc		12%	10%	22%					
	PVC Sanitary Tee 2" x 2"	2.00	pc		12%	10%	22%					
	PVC P-Trap 4"	2.00	pc		12%	10%	22%					
	PVC P-Trap 1-1/2""	2.00	pc		12%	10%	22%					

	Brass Cleanout 4" x 4"	2.00	pc		12%	10%	22%					
	PVC Cement	8.00	can		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls		12%	10%	22%					
	Material											
	Water Closet 1.6gpf with Accessories	2.00	set		12%	10%	22%					
	Water Closet Flange	2.00	set		12%	10%	22%					
	Urinal 0.8gpf	2.00	set		12%	10%	22%					
	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	2.00	set		12%	10%	22%					
	Lavatory, Pedestal Type with Accessories	2.00	set		12%	10%	22%					
	S.S. Floor Drain 4" x 4"	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Material											
	Excavation	14.00	cu m		12%	10%	22%					
	Portland Cement	118.00	bag		12%	10%	22%					
	Sand	26.50	cu m		12%	10%	22%					
	Gravel G 3/4"	8.75	cu m		12%	10%	22%					
	CHB 6" thk	590.00	pc		12%	10%	22%					
	Reinforcing Steel Bar, deformed grade 40	731.00	pc		12%	10%	22%					
	# 16 G.I. Tie Wire	17.00	kg		12%	10%	22%					
	Coco Lumber	48.00	bdft		12%	10%	22%					
	Ordinary Plywood	4.00	pc		12%	10%	22%					
	Ordinary Common Nails	2.00	kg		12%	10%	22%					
	Bitumen for Water Proofing	111.00	Lit		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13.0000	Painting Works											
13 (a)	Masonry Painting	286.32	sq.m		12%	10%	22%					
	Material											
	Neutralizer	5.73	gal		12%	10%	22%					
	Latex, Flat	22.91	gal		12%	10%	22%					
	Masonry Putty	14.32	gal		12%	10%	22%					
	Latex, Semi Gloss	22.91	gal		12%	10%	22%					
	Acri Color	1.43	qrt		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (b)	Wooden Painting	4.20	sq.m		12%	10%	22%					
	Material											
	Enamel, Flatwall	0.21	gal		12%	10%	22%					
	Enamel, Semi Gloss	0.34	gal		12%	10%	22%					
	Glazing Putty	0.21	gal		12%	10%	22%					
	Paint Thinner	0.04	gal		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (c)	Metal Painting	81.48	sq.m		12%	10%	22%					
	Material											
	Primer, Zinc Chromate	3.26	gal		12%	10%	22%					
	Enamel Paint	8.15	gal		12%	10%	22%					
	Paint Thinner	20.37	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14.0000	Tile Works											
14 (a)	Glazed Tiles and Trims	96.00	sq.m		12%	10%	22%					
	Material											
	Glazed Tiles	100.80	sq.m		12%	10%	22%					
	Cement	31.20	bag		12%	10%	22%					
	Sand	2.50	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	12.00	bag		12%	10%	22%					
	Tile Adhesive 25 kg/bag	13.73	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	17.40	sq.m		12%	10%	22%					
	Material											
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	18.27	sq.m		12%	10%	22%					
	Cement	5.66	bag		12%	10%	22%					
	Sand	0.45	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	2.18	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	TOTAL CONSTRUCTION COST											

Prepared by:

Contractor

DEPARTMENT OF EDUCATION
EDUCATION FACILITIES DIVISION
DepEd Complex, Meralco Avenue, Pasig City

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2026 - XII - TACURONG CITY - 001-f

School	: Tacurong Pilot Elementary School				Date:		March 2026	
School I.D	: 131220			Budget Allocation:		— 1,945,863.67		
Region	: XII				Engineering and Administrative Overhead:		0.00	
Division	: Tacurong City Division				Approved Budget for the Contract:		— 1,945,863.67	
Project Title	:				Completion Period:			
: PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (7m x 9m) BLDG. 35					Minimum Required Manpower:			
					General Foreman		Welder	Carpenter
					Helper		Mason	Painter
Location : Poblacion, Tacurong City					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
					Total Cost	Unit Cost		
(1)	(2)	(3)	(4)	(5)	(6)	(7) (6) / (5)	(8) (9) / (5)	(9)
A-	Facilities for the Engineer							
A.1	Temporary Facilities		Month	1.33				
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				
2.0000	Concreting Works (3000 psi)							
2 (h)	Ramp on Fill		cu m	2.46				
5.0000	Masonry Works							
5 (b)	Masonry (100 mm CHB)		sq.m	71.10				
5 (d)	Plain Cement Plaster Finish		sq.m	142.20				
6.0000	Fabricated Materials and Hardware							
6 (a)	Removal of Door with Jamb		set	4.00				
6 (b)	Removal of Window with Jamb		set	8.00				
6 (c)	Hollow Core Flush Door		sq m	2.94				
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	2.00				
7.0000	Steel Works							
7 (c)	Structural Steel Roof Truss		kg	1,169.00				
7 (d)	Structural Steel Purlins		kg	1,147.20				
7 (e)	Metal Structure Accessories (Steel Plates)		kg	331.95				
7 (f)	Metal Structure Accessories (Anchor Bolts)		pc	40.00				
7 (g)	Metal Structure Accessories (Sag Rods)		pc	192.00				
7 (h)	Metal Structure Accessories (Turn Buckle)		pc	16.00				
7 (i)	Metal Structure Accessories (Cross Bracing)		pc	16.00				
8.0000	Roofing Works							
8 (a)	Removal of Metal Roofing		sq m	209.93				
8 (b)	Pre - 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 (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)		m	40.40				
9.0000	Ceiling and Carpentry Works							
9 (a)	Removal of Wooden Truss/ Beams		bdf	418.76				
9 (b)	Removal of Purlins		bdf	418.76				
9 (c)	Removal of Partition		sq m	24.00				
9 (d)	Removal of Ceiling		sq m	182.36				
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				

Item No.	Description	% of Total	Unit	Quantity	Direct Cost		Adjusted Unit Cost	Adjusted Total Cost
					Total Cost	Unit Cost		
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	349.72				
13 (b)	Wooden Painting		sq.m	4.20				
13 (c)	Metal Painting		sq.m	95.78				
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	17.40				
						Total Construction Cost		

Prepared by:

Contractor



PROGRAM OF WORKS
DETAILED COST ESTIMATE
(TOTAL CONSTRUCTION COST/ ABC)
REPAIR 2026 - XII - TACURONG CITY - 001-f

PROJECT : **PROPOSED REPAIR AND REHABILITATION OF TWO (2) CLASSROOM (7m x 9m) BLDG. 35**
SCHOOL : **TACURONG PILOT ELEMENTARY SCHOOL**
LOCATION : **POBLACION, TACURONG CITY**
OWNER : **DEPARTMENT OF EDUCATION**

CONTRACT DURATION : 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)	(5) x (8)	5% [(5) + (9)]	(9) + (10)	(5) + (11)	(12) / (3)
A.	Facilities for the Engineer											
A.1	Temporary Facilities	1.33	Month		0%	0%	0%					
B.	Other General Requirements											
B.1	Fire Safety Inspection Certificate (FSIC)	0.17	lot		0%	0%	0%					
SPL 1	Project Billboard	0.17	Each		0%	0%	0%					
SPL 2	Construction Safety and Health	0.17	Ls		0%	0%	0%					
C.	Mobilization and Demobilization											
C.1	Mobilization and Demobilization	0.17	Ls		0%	0%	0%					
2.0000	Concreting Works (3000 psi)											
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
2 (h)	Ramp on Fill	2.46	cu m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	6.88	hrs		12%	10%	22%					
	Material											
	Portland Cement	22.11	bag		12%	10%	22%					
	Crushed Gravel 1"	2.46	cu.m		12%	10%	22%					
	Washed Sand	1.23	cu.m		12%	10%	22%					
	10mm x 6m RSB	11.98	kg		12%	10%	22%					
	G.I. Tie Wire	0.24	kg		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5.0000	Masonry Works											
5 (b)	Masonry (100 mm CHB)	71.10	sq.m		12%	10%	22%					
	Equipment											
	One - bagger Mixer	18.59	hrs		12%	10%	22%					
	Material											
	CHB 4" thk	924.30	pcs		12%	10%	22%					
	Portland Cement	37.33	bag		12%	10%	22%					
	Washed Sand	2.84	cu.m		12%	10%	22%					
	10mm x 6m RSB	230.36	kg		12%	10%	22%					
	G.I. Tie Wire	3.56	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
5 (d)	Plain Cement Plaster Finish	142.20	sq.m		12%	10%	22%					
	Material											
	Portland Cement	46.93	bags		12%	10%	22%					
	Washed Sand	3.84	cu.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6.0000	Fabricated Materials and Hardware											
6 (a)	Removal of Door with Jamb	4.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (b)	Removal of Window with Jamb	8.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (c)	Hollow Core Flush Door	2.94	sq m		12%	10%	22%					
	Material											
	Hollow Core Flush Door	2.94	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	7.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (d)	Wooden Panel Door	4.20	sq m		12%	10%	22%					
	Material											
	Wood Panel Door	4.20	sq.m		12%	10%	22%					
	Hinges, Standard 3-1/2" x 3-1/2"	8.00	pa		12%	10%	22%					
	Entrance, Lever Lockset	2.00	set		12%	10%	22%					
	Door Jamb 45mm x 150mm	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (e)	Jalousie Window (Glass)	29.12	sq m		12%	10%	22%					
	Material											
	Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame	29.12	sq m		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (f)	Frames (Jambs, Sill, Head, Transoms, and Mullions)	8.00	set		12%	10%	22%					
	Material											
	Door Jamb 45mm x 150mm	8.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
6 (g)	Ramp Rail	2.00	Ls		12%	10%	22%					
	Equipment											
	Welding Machine	64.00	hrs		12%	10%	22%					
	Material											
	G.I. Pipe 1-½"Ø Sch. 40	12.00	pc		12%	10%	22%					
	Welding Rod	6.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7.0000	Steel Works											
7 (c)	Structural Steel Roof Truss	1,169.00	kg		12%	10%	22%					
	Equipment											
	Welding Machine	10.31	hrs		12%	10%	22%					
	Cutting Outfit	3.44	hrs		12%	10%	22%					
	Truck Mounted Crane (20 - 25mT)	3.30	hrs		12%	10%	22%					
	Material											
	L 50 x 50 x 6mm	1,146.58	kg		12%	10%	22%					
	L 50 x 50 x 2mm	22.42	kg		12%	10%	22%					
	Acetylene	12.86	kg		12%	10%	22%					
	Oxygen	25.72	kg		12%	10%	22%					
	Welding Rod	23.38	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (d)	Structural Steel Purlins	1,147.20	kg		12%	10%	22%					
	Equipment											
	Welding Machine	12.68	hrs		12%	10%	22%					
	Material											
	2" x 4" x 1.5mm C - purlins	1,204.56	kg		12%	10%	22%					
	Welding Rod	22.94	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (e)	Metal Structure Accessories (Steel Plates)	331.95	kg		12%	10%	22%					
	Material											
	Steel Plate 1.20m x 2.40m x 6mm thk	213.40	kg		12%	10%	22%					
	Steel Plate 1.20m x 2.40m x 10mm thk	118.55	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (f)	Metal Structure Accessories (Anchor Bolts)	40.00	pc		12%	10%	22%					
	Material											
	Anchor Bolt with Nuts and Washer, 12mmØ x 50mm x 300mm	40.00	pc		12%	10%	22%					

	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (g)	Metal Structure Accessories (Sag Rods)	192.00	pc		12%	10%	22%					
	Material											
	12mmØ Sag Rods with Standard Nuts and Washers	192.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (h)	Metal Structure Accessories (Turn Buckle)	16.00	pc		12%	10%	22%					
	Material											
	Turn Buckle 16 mmØ	16.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
7 (i)	Metal Structure Accessories (Cross Bracing)	16.00	pc		12%	10%	22%					
	Material											
	Plain Round Bar 16mmØ x 6m	16.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8.0000	Roofing Works											
8 (a)	Removal of Metal Roofing	209.93	sq m		12%	10%	22%					
	Equipment											
	Electric Hand Drill	11.50	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	11.50	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (b)	Pre - painted Metal Sheets (Corrugated, Short Span/ Long Span, below 0.427 BMT/ above 0.427 BMT)	209.93	sq m		12%	10%	22%					
	Material											
	G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT	220.43	sq m		12%	10%	22%					
	Fascia Board, Fiber Cement 12" x 8'	25.00	pc		12%	10%	22%					
	L 20 x 20 x 2mm	80.00	kg		12%	10%	22%					
	L 38 x 38 x 4.5mm	66.00	kg		12%	10%	22%					
	3" Flat head Countersunk screw	340.00	pc		12%	10%	22%					
	J-Bolt (6mm dia.)	840.00	pc		12%	10%	22%					
	Teckscrew 2-¾"	1,684.00	pc		12%	10%	22%					
	Roof Sealant	4.00	L		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
8 (e)	Fabricated Metal Roofing Accessory (Ridge/ Hip Rolls/ Flashing/ Counter Flashing/ Valley Roll)	40.40	m		12%	10%	22%					
	Material											
	G.I. Flashing, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	25.62	lm		12%	10%	22%					
	G.I. Ridge Roll, Preformed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT	7.00	pc		12%	10%	22%					
	Blind Rivets	767.60	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					

9.0000	Ceiling and Carpentry Works											
9 (a)	Removal of Wooden Truss/ Beams	418.76	sq.m		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (b)	Removal of Purlins	418.76	sq m		12%	10%	22%					
	Equipment											
	Chainsaw	7.48	hrs		12%	10%	22%					
	H - Frame 1.7m x 1.2m (sets)	7.48	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (c)	Removal of Partition	24.00	sq m		12%	10%	22%					
9 (d)	Removal of Ceiling	182.36	sq m		12%	10%	22%					
	Equipment											
	H - Frame 1.7m x 1.2m (sets)	10.52	hrs		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (f)	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	182.36	sq m		12%	10%	22%					
	Material											
	4.5mm Fiber Cement Board/ 4.5mm Marine Plywood/ 6.0mm Marine Plywood/ 6.0 mm Ordinary Plywood on Metal Frame Ceiling	65.10	pc		12%	10%	22%					
	Metal Carrying Channel (12mm x 38mm x 5m x 0.8mm thk)	65.10	pc		12%	10%	22%					
	Metal Double Furring Channel (19mm x 50mm x 3m x 0.5mm thk	206.25	pc		12%	10%	22%					
	Wall Angle 1" x 1" x 10'	43.40	pc		12%	10%	22%					
	Preformed Wire Clip	1,094.16	pc		12%	10%	22%					
	Steel Angle	182.36	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
9 (i)	Blackboard	11.52	sq.m		12%	10%	22%					
	Material											
	S4S Lumber, Kiln Dried, Tanguile	73.00	bd.ft		12%	10%	22%					
	Lawanit, 1/4" thk	4.00	pc		12%	10%	22%					
	Finishing Nails	1.00	kg		12%	10%	22%					
	CWN, Assorted	2.00	kg		12%	10%	22%					
	Concrete Nails	1.00	kg		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10.0000	Electrical Works											
10 (a)	Conduit, Boxes and Fitting	1.00	Ls		12%	10%	22%					
	Material											
	Electrical Conduit uPVC, 15mmØ	30.00	pc		12%	10%	22%					
	RSC 20mmØ	1.00	pc		12%	10%	22%					
	Entrance Cap 20mm dia.	1.00	pc		12%	10%	22%					
	Junction Box, 4" x 4" G.I.	8.00	pc		12%	10%	22%					

	Utility Box, 2" x 4" G.I.	10.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (b)	Wires and Wiring Devices	1.00	Ls		12%	10%	22%					
	Material											
	3.5 mm² THHN Wire, Stranded	230.00	m		12%	10%	22%					
	Electrical Tape	60.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (c)	Lighting Fixture/ Fixture	1.00	Ls		12%	10%	22%					
	Material											
	Duplex Convenience Outlet, Grounding Type, 20A, 250V	4.00	set		12%	10%	22%					
	3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V)	2.00	set		12%	10%	22%					
	FL 1 x 40W Industrial Type	12.00	set		12%	10%	22%					
	Safety Switch 30A 2P	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
10 (d)	Panel Board and Cabinets	1.00	Ls		12%	10%	22%					
	Material											
	Panel Box, Circuit Breaker and Grounding System		-	-	12%	10%	22%	-	-	-	-	-
	Panel Box, Flush Type, 4 Branches	1.00	set		12%	10%	22%					
	Circuit Breaker, 40A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 20A 2P	1.00	set		12%	10%	22%					
	Circuit Breaker, 30A 2P	1.00	set		12%	10%	22%					
	Grounding System		-		12%	10%	22%					
	Grounding Rod, 2.4m x 16mm dia.	1.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
11.0000	Plumbing Works											
11 (a)	Waterline Works	1.00	Ls		12%	10%	22%					
	Material											
	Faucet, Hose Bibb, Brass 1/2"Ø	4.00	pc		12%	10%	22%					
	Teflon Tape	4.00	roll		12%	10%	22%					
	PP-R Pipe 1"Ø x 4.0m	8.00	pc		12%	10%	22%					
	PP-R Pipe 3/4"Ø x 4.0m	12.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 1"Ø	4.00	pc		12%	10%	22%					
	PP-R Elbow 90° x 3/4"Ø	18.00	pc		12%	10%	22%					
	PP-R Tee, 3/4"Ø	20.00	pc		12%	10%	22%					
	PP-R Tee Reducer, 1" x 3/4"Ø	2.00	pc		12%	10%	22%					
	PP-R Plug, 3/4"Ø	10.00	pc		12%	10%	22%					
	PP-R Coupling, 1"Ø	4.00	pc		12%	10%	22%					
	PP-R Coupling Reducer, 1" x 3/4"Ø	2.00	pc		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12.0000	Sanitary Works											

12 (a)	Sewer Line Works	1.00	Ls		12%	10%	22%					
	Closet Bend, 4"	4.00	pc		12%	10%	22%					
	Stainless Steel Vent Protection Screen, 2"	2.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 4"Ø x 3.0m	6.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 2"Ø x 3.0m	6.00	pc		12%	10%	22%					
	PVC Sanitary Pipe 1-1/2"Ø	2.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 4"	10.00	pc		12%	10%	22%					
	PVC Sanitary Wye 4" x 1-1/2"	8.00	pc		12%	10%	22%					
	PVC Sanitary Wye 1-1/2" x 1-1/2"	8.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 4"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 1/8 x 1-1/2"Ø	8.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 4"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Elbow 90° x 2"Ø	4.00	pc		12%	10%	22%					
	PVC Sanitary Tee 4" x 4"	2.00	pc		12%	10%	22%					
	PVC Sanitary Tee 2" x 2"	2.00	pc		12%	10%	22%					
	PVC P-Trap 4"	2.00	pc		12%	10%	22%					
	PVC P-Trap 1-1/2"'''	2.00	pc		12%	10%	22%					
	Brass Cleanout 4" x 4"	2.00	pc		12%	10%	22%					
	PVC Cement	8.00	can		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
12 (b)	Sanitary/ Plumbing Fixtures	1.00	Ls		12%	10%	22%					
	Material											
	Water Closet 1.6gpf with Accessories	2.00	set		12%	10%	22%					
	Water Closet Flange	2.00	set		12%	10%	22%					
	Urinal 0.8gpf	2.00	set		12%	10%	22%					
	Concrete Counter Sink Type, with Lever Type Faucet and Complete Accessories	2.00	set		12%	10%	22%					
	Lavatory, Pedestal Type with Accessories	2.00	set		12%	10%	22%					
	S.S. Floor Drain 4" x 4"	2.00	set		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
	Material											
	Excavation	14.00	cu m		12%	10%	22%					
	Portland Cement	118.00	bag		12%	10%	22%					
	Sand	26.50	cu m		12%	10%	22%					
	Gravel G 3/4"	8.75	cu m		12%	10%	22%					
	CHB 6" thk	590.00	pc		12%	10%	22%					
	Reinforcing Steel Bar, deformed grade 40	731.00	pc		12%	10%	22%					
	# 16 G.I. Tie Wire	17.00	kg		12%	10%	22%					
	Coco Lumber	48.00	bdf		12%	10%	22%					
	Ordinary Plywood	4.00	pc		12%	10%	22%					
	Ordinary Common Nails	2.00	kg		12%	10%	22%					

	Bitumen for Water Proofing	111.00	Lit		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13.0000	Painting Works											
13 (a)	Masonry Painting	349.72	sq.m		12%	10%	22%					
	Material											
	Neutralizer	6.99	gal		12%	10%	22%					
	Latex, Flat	27.98	gal		12%	10%	22%					
	Masonry Putty	17.49	gal		12%	10%	22%					
	Latex, Semi Gloss	27.98	gal		12%	10%	22%					
	Acri Color	1.75	qrt		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (b)	Wooden Painting	4.20	sq.m		12%	10%	22%					
	Material											
	Enamel, Flatwall	0.21	gal		12%	10%	22%					
	Enamel, Semi Gloss	0.34	gal		12%	10%	22%					
	Glazing Putty	0.21	gal		12%	10%	22%					
	Paint Thinner	0.04	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
13 (c)	Metal Painting	95.78	sq.m		12%	10%	22%					
	Material											
	Primer, Zinc Chromate	3.83	gal		12%	10%	22%					
	Enamel Paint	9.58	gal		12%	10%	22%					
	Paint Thinner	23.95	gal		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14.0000	Tile Works											
14 (a)	Glazed Tiles and Trims	126.00	sq.m		12%	10%	22%					
	Material											
	Glazed Tiles	132.30	sq.m		12%	10%	22%					
	Cement	40.95	bag		12%	10%	22%					
	Sand	3.28	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	15.75	bag		12%	10%	22%					
	Tile Adhesive 25 kg/bag	18.02	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					
14 (b)	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	17.40	sq.m		12%	10%	22%					
	Material											
	Unglazed Tiles/ Granite Tiles/ Synthetic Granite Tiles	18.27	sq.m		12%	10%	22%					
	Cement	5.66	bag		12%	10%	22%					
	Sand	0.45	cu.m		12%	10%	22%					
	Tile Grout 5 kg/bag	2.18	bag		12%	10%	22%					
	Sub-Total (Labor)	1.00	L.s		12%	10%	22%					

	TOTAL CONSTRUCTION COST											
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Prepared by:

Contractor