Republic of the Philippines
PHILIPPINE PORTS AUTHORITY
Port Management Office of Misamis Oriental/Cagayan de Oro

PROJECT: Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)
LOCATION: Port of Cagayan de Oro

BREAKDOWN OF ESTIMATED EXPENDITURES	% of TOTAL	AMOUNT (PESOS)
ESTIMATED CONTRACT COST		
A. Direct Cost		
1. General Expenses		
1.1 Mobilization/Demobilization (1% of Direct Cost, Maximum)		
1.2 Project Supervision Expenses		
2. Materials		
2.1 Supply/Delivery and Testing of Materials		655,984.87
3. Labor		
3.1 Direct Labor		50,605.37
3.2 Leaves		
3.3 SSS/GSIS		
3.4 Medicare		
3.5 Handtools		
4. Equipment Expenses		47,316.04
B. Indirect Cost (Mark-ups)		
1. Overhead, Contingency & Miscellaneous (15% of A1 to A4)		113,085.94
2. Profit (10% of A1 to A4)		75,390.63
C. VAT		
05% (Direct Cost & Indirect Cost)		47,119.14
ESTIMATED CONTRACT COST		**989,502.00**
ESTIMATED GOVERNMENT EXPENSES		
1. ROW/Site Acquisition		-
2. Pre-Construction Engineering Activities (Survey, Foundation Investigation, Soil Exploration, etc.)		-
3. Project Management (up to 3.5% of Estimated Contract Cost)		-
4. Materials to be furnished by the Government		-
Sub-total		-
CONTINGENCIES AND RESERVES		
1. Physical (9-15% of the Estimated Contract Cost) [Freight & handling]		-
2. Price Escalation (up to 12% per annum)		-
Sub-total		-
TOTAL ESTIMATED COST		**989,502.00**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

APPROVED BY:

FERNANDO B. MAPALO, JR.
Port Manager

Republic of the Philippines
PHILIPPINE PORTS AUTHORITY
Port Management Office of Misamis Oriental/Cagayan de Oro

APPROVED BUDGET OF THE CONTRACT (ABC)

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-**
PROJECT LOCATION: Port of Cagayan de Oro

PROJECT DURATION: 60 C.D.
MANNER OF UNDERTAKING: By Contract

ITEM No.	DESCRIPTION OF WORK	UNIT	QUANTITY	ESTIMATED DIRECT COST	APPLICABLE % OF MARK-UP		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
					OCM	PROFIT	%	VALUE				
(A)	(B)	(C)	(D)	(H) (E)+(F)+(G)	(I)	(J)	(L)	(M) (H)x(L)	(N) 5%[(H)+(M)]	(O) (M)+(N)	(P) (H)+(O)	(Q) (P)/(D)
1.0	**General Expenses**											
1.01	Project Billboard/Signboard	pc	1.00	3,567.05	15	10	25	891.76	222.94	1,114.70	4,681.75	4,681.75
2.0	**Earthworks**											
2.0	Excavation, Gravel Bedding, Backfilling, & Compaction Works	lot	1.00	26,854.65	15	10	25	6,713.66	1,678.42	8,392.08	35,246.73	35,246.73
3.0	**Structural Concrete & Reinforcement Works**											
3.0	Concrete & Reinforcement Works	lot	1.00	189,373.32	15	10	25	47,343.33	11,835.83	59,179.16	248,552.48	248,552.48
4.0	**Masonry Works**											
4.0	Masonry Works	lot	1.00	93,976.68	15	10	25	23,494.17	5,873.54	29,367.71	123,344.39	123,344.39
5.0	**Roofing and Ceiling Works**											
5.01	Roofing & Ceiling Works	lot	1.00	146,013.32	15	10	25	36,503.33	9,125.83	45,629.16	191,642.48	191,642.48
6.0	**Floor, Wall, Door Finishes**											
6.01	Floor, Wall, Door Finishes	lot	1.00	91,863.32	15	10	25	22,965.83	5,741.46	28,707.29	120,570.61	120,570.61
7.0	**Sanitary and Plumbing Fixtures**											
7.01	Sanitary & Plumbing Fixtures	lot	1.00	82,565.54	15	10	25	20,641.39	5,160.35	25,801.74	108,367.28	108,367.28
8.0	**Electrical Works**											
8.01	Electrical Works	lot	1.00	42,053.18	15	10	25	10,513.30	2,628.32	13,141.62	55,194.80	55,194.80
9.0	**Painting Works**											
9.0	Painting Works	lot	1.00	58,062.62	15	10	25	14,515.66	3,628.91	18,144.57	76,207.20	76,207.20
10.0	**PWD Ramp and Accessibility Features**											
10.0	PWD Ramp and Accessibility Features	lot	1.00	19,576.59	15	10	25	4,894.15	1,223.54	6,117.69	25,694.28	25,694.28
TOTAL				734,329.69				183,582.43	45,895.61	229,478.04	**989,502.00**	

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. A[illegible]ELLANA
ESD Manager

APPROVED BY:

FERNANDO B. MAPALO, JR.
Port Manager

Republic of the Philippines
PHILIPPINE PORTS AUTHORITY
Port Management Office of Misamis Oriental/Cagayan de Oro

SUMMARY OF COST DERIVATION

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**
PROJECT LOCATION: Port of Cagayan de Oro

PROJECT DURATION: 60 C.D.
MANNER OF UNDERTAKING: By Contract

ITEM No.	DESCRIPTION OF WORK	UNIT	QUANTITY	MATERIAL	LABOR	EQUIPMENT	ESTIMATED DIRECT COST	APPLICABLE % OF MARK-UP		TOTAL MARK-UP		VAT	TOTAL INDIRECT COST	TOTAL COST	UNIT COST
								OCM	PROFIT	%	VALUE				
(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H) (E)+(F)+(G)	(I)	(J)	(L)	(M) (H)x(L)	(N) 5%[(H)+(M)]	(O) (M)+(N)	(P) (H)+(O)	(Q) (P)/(D)
1.0	**General Expenses**														
1.01	Project Billboard/Signboard	pc	1.00	2,600.00	879.14	87.91	3,567.05	15	10	25	891.76	222.94	1,114.70	4,681.75	4,681.75
2.0	**Earthworks**														
2.01	Excavation, Gravel Bedding, Backfilling, & Compaction Works	lot	1.00	3,400.00	6,413.32	17,041.33	26,854.65	15	10	25	6,713.66	1,678.42	8,392.08	35,246.73	35,246.73
3.0	**Structural Concrete & Reinforcement Works**														
3.01	Concrete & Reinforcement Works	lot	1.00	178,360.00	6,413.32	4,600.00	189,373.32	15	10	25	47,343.33	11,835.83	59,179.16	248,552.48	248,552.48
4.0	**Masonry Works**														
4.01	Masonry Works	lot	1.00	84,100.00	4,776.68	5,100.00	93,976.68	15	10	25	23,494.17	5,873.54	29,367.71	123,344.39	123,344.39
5.0	**Roofing and Ceiling Works**														
5.01	Roofing & Ceiling Works	lot	1.00	136,000.00	6,413.32	3,600.00	146,013.32	15	10	25	36,503.33	9,125.83	45,629.16	191,642.48	191,642.48
6.0	**Floor, Wall, Door Finishes**														
6.01	Floor, Wall, Door Finishes	lot	1.00	83,050.00	6,413.32	2,400.00	91,863.32	15	10	25	22,965.83	5,741.46	28,707.29	120,570.61	120,570.61
7.0	**Sanitary and Plumbing Fixtures**														
7.01	Sanitary & Plumbing Fixtures	lot	1.00	70,374.87	5,153.18	7,037.49	82,565.54	15	10	25	20,641.39	5,160.35	25,801.74	108,367.28	108,367.28
8.0	**Electrical Works**														
8.01	Electrical Works	lot	1.00	34,500.00	5,153.18	2,400.00	42,053.18	15	10	25	10,513.30	2,628.32	13,141.62	55,194.80	55,194.80
9.0	**Painting Works**														
9.01	Painting Works	lot	1.00	46,600.00	6,413.32	5,049.30	58,062.62	15	10	25	14,515.66	3,628.91	18,144.57	76,207.20	76,207.20
10.0	**PWD Ramp and Accessibility Features**														
10.01	PWD Ramp and Accessibility Features	lot	1.00	17,000.00	2,576.59	-	19,576.59	15	10	25	4,894.15	1,223.54	6,117.69	25,694.28	25,694.28
	TOTAL			655,984.87	50,605.37	47,316.04	753,906.28				188,476.58	47,119.14	235,595.72	**989,502.00**	

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

APPROVED BY:

FERNANDO B. MAPALO, JR.
Port Manager

Republic of the Philippines
PHILIPPINE PORTS AUTHORITY
Port Management Office of Misamis Oriental/Cagayan de Oro

DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**

LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **1.0 : General Expenses**

ITEM NO. **1.01** Project Billboard/Signboard

WORK DESCRIPTION: Supply of Materials & Labor for the Provision of the Project Billboard/Signboard

Date Prepared: 01-Jun-26
Page No. 1 of 10
UNIT COST (Php) **4,681.76**
ASSUMED QTY. **1.00**
UNIT: **pc**

	DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A.	**MATERIALS:**				
	Plywood Marine, 4m x 8m x 1/2in	pcs	1.00	960.00	960.00
	Tarpaulin, 4ft by 8ft	sq ft	32.00	20.00	640.00
	Good Coco Lumber	pcs	10.00	90.00	900.00
	Common Wire Nails	kg	1.00	100.00	100.00
			Sub-total		₱ 2,600.00
B.	**LABOR**				
	1 Foreman	day	0.50	1,128.20	564.10
	1 Unskilled Laborer	day	0.50	630.07	315.04
			Sub-total		₱ 879.14
C.	**EQUIPMENT**				
	Minor Tools (10% of Labor Cost)				87.91
			Sub-total		₱ 87.91
D.	**ESTIMATED DIRECT COST**			**(TOTAL)**	₱ **3,567.05**
E.	**MARK-UPS**				₱ **891.77**
	1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 535.06	
	2. Contractor's Profit,	10 % of EDC		356.71	
F.	**VAT,** 05% of (EDC + Mark-ups)				₱ **222.94**
G.	**TOTAL COST OF WORK ITEM**				₱ **4,681.76**
H.	**UNIT COST** (Total Cost of Work Item/Assumed Quantity)				₱ **4,681.76**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

Republic of the Philippines
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DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**

LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **2.0 : Earthworks**

ITEM NO. **2.01** Excavation, Gravel Bedding, Backfilling, & Compaction Works

WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for the Excavation, Gravel Bedding, Backfilling, and Compaction Works

Date Prepared: 01-Jun-26
Page No. 2 of 10
UNIT COST (Php) **35,246.74**
ASSUMED QTY. **1.00**
UNIT: **lot**

DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A. MATERIALS:				
Gravel	cu.m	2.00	1,700.00	3,400.00
		Sub-total		₱ 3,400.00
B. LABOR				
1 Foreman	day	2.00	1,128.20	2,256.40
1 Skilled Laborer	day	2.00	818.32	1,636.64
2 Unskilled Laborer	day	2.00	630.07	2,520.28
		Sub-total		₱ 6,413.32
C. EQUIPMENT				
Backhoe	day	1.00	10,000.00	10,000.00
Plate Compactor	day	1.00	1,400.00	1,400.00
Dumptruck	day	1.00	5,000.00	5,000.00
Minor Tools (10% of Labor Cost)				641.33
		Sub-total		₱ 17,041.33
D. ESTIMATED DIRECT COST			**(TOTAL)**	₱ **26,854.65**
E. MARK-UPS				₱ **6,713.67**
1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 4,028.20	
2. Contractor's Profit, 10 % of EDC			2,685.47	
F. VAT, 05% of (EDC + Mark-ups)				₱ **1,678.42**
G. TOTAL COST OF WORK ITEM				₱ **35,246.74**
H. UNIT COST (Total Cost of Work Item/Assumed Quantity)				₱ **35,246.74**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

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DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**

LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **3.0 : Structural Concrete & Reinforcement Works**

ITEM NO. **3.01** Concrete & Reinforcement Works

WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for the Concrete & Reinforcement Works

Date Prepared: 01-Jun-26
Page No. 3 of 10
UNIT COST (Php) **248,552.48**
ASSUMED QTY. **1.00**
UNIT: **lot**

DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A. MATERIALS:				
Portland Cement	bags	152.00	280.00	42,560.00
Washed Sand	cu. m.	9.00	1,700.00	15,300.00
Gravel, 3/4	cu. m.	16.00	1,700.00	27,200.00
Rebars, 16mm	kg	500.00	70.00	35,000.00
Rebars, 12mm	kg	200.00	70.00	14,000.00
Rebars, 10mm	kg	150.00	70.00	10,500.00
GI Tie Wire #16	kg	20.00	100.00	2,000.00
Phenolic Board 12mm	sheets	30.00	950.00	28,500.00
Coco Lumber	pcs.	20.00	90.00	1,800.00
CWN	kg	15.00	100.00	1,500.00
		Sub-total		₱ 178,360.00
B. LABOR				
1 Foreman	day	2.00	1,128.20	2,256.40
1 Skilled Laborer	day	2.00	818.32	1,636.64
2 Unskilled Laborer	day	2.00	630.07	2,520.28
		Sub-total		₱ 6,413.32
C. EQUIPMENT				
Concrete Mixer	day	1.00	1,300.00	1,300.00
Concrete Vibrator	day	1.00	1,100.00	1,100.00
Rebar Cutter/Bender	day	1.00	2,200.00	2,200.00
		Sub-total		₱ 4,600.00
D. ESTIMATED DIRECT COST			**(TOTAL)**	₱ **189,373.32**
E. MARK-UPS				₱ **47,343.33**
1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 28,406.00	
2. Contractor's Profit,	10 % of EDC		18,937.33	
F. VAT, 05% of (EDC + Mark-ups)				₱ **11,835.83**
G. TOTAL COST OF WORK ITEM				₱ **248,552.48**
H. UNIT COST (Total Cost of Work Item/Assumed Quantity)				₱ **248,552.48**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

Republic of the Philippines
PHILIPPINE PORTS AUTHORITY
Port Management Office of Misamis Oriental/Cagayan de Oro

DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**
LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **4.0 : Masonry Works**
ITEM NO. **4.01** Masonry Works
WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for Masonry Works

Date Prepared: 01-Jun-26
Page No. 4 of 10
UNIT COST (Php) **123,344.39**
ASSUMED QTY. **1.00**
UNIT: **lot**

	DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A.	**MATERIALS:**				
	150mm CHB	pcs	1,100.00	29.00	31,900.00
	Portland Cement	bags	100.00	280.00	28,000.00
	Sand, Fine	cu. M.	10.00	1,700.00	17,000.00
	Rebars 10mm	kg	100.00	70.00	7,000.00
	GI Tie Wire	kg	2.00	100.00	200.00
			Sub-total		₱ 84,100.00
B.	**LABOR**				
	1 Foreman	day	2.00	1,128.20	2,256.40
	2 Unskilled Laborer	day	2.00	630.07	2,520.28
			Sub-total		₱ 4,776.68
C.	**EQUIPMENT**				
	Concrete Mixer	day	2.00	1,300.00	2,600.00
	Scaffolding	day	5.00	500.00	2,500.00
			Sub-total		₱ 5,100.00
D.	**ESTIMATED DIRECT COST**			**(TOTAL)**	₱ **93,976.68**
E.	**MARK-UPS**				₱ **23,494.17**
	1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 14,096.50	
	2. Contractor's Profit,	10 % of EDC		9,397.67	
F.	**VAT,** 05% of (EDC + Mark-ups)				₱ **5,873.54**
G.	**TOTAL COST OF WORK ITEM**				₱ **123,344.39**
H.	**UNIT COST** (Total Cost of Work Item/Assumed Quantity)				₱ **123,344.39**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

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Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

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DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**

LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **5.0 : Roofing and Ceiling Works**

ITEM NO. **5.01** Roofing & Ceiling Works

WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for Roofing & Ceiling Works

Date Prepared: 01-Jun-26
Page No. 5 of 10
UNIT COST (Php) **191,642.48**
ASSUMED QTY. **1.00**
UNIT: **lot**

DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A. MATERIALS:				
Longspan Roofing, 0.40mm	sq. m.	43.00	800.00	34,400.00
C-Purlins, 2"x3"	lengths	15.00	1,100.00	16,500.00
Angle Bars (Trusses)	kg	350.00	90.00	31,500.00
Welding Rods	boxes	5.00	800.00	4,000.00
Tek Screws/Accessories	box	1.00	1,000.00	1,000.00
Flashings	lm	14.00	500.00	7,000.00
PVC Ceiling	sq.m.	40.00	650.00	26,000.00
Metal Furrings	sq. m.	40.00	220.00	8,800.00
Carrying Channel	pcs	20.00	250.00	5,000.00
Suspension Rods	lot	1.00	1,800.00	1,800.00
		Sub-total		₱ 136,000.00
B. LABOR				
1 Foreman	day	2.00	1,128.20	2,256.40
1 Skilled Laborer	day	2.00	818.32	1,636.64
2 Unskilled Laborer	day	2.00	630.07	2,520.28
		Sub-total		₱ 6,413.32
C. EQUIPMENT				
1 Welding Machine	day	2.00	1,200.00	2,400.00
1 Angle Grinder	day	2.00	300.00	600.00
1 Electric Drill	day	2.00	300.00	600.00
		Sub-total		₱ 3,600.00
D. ESTIMATED DIRECT COST			**(TOTAL)**	₱ **146,013.32**
E. MARK-UPS				₱ **36,503.33**
1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 21,902.00	
2. Contractor's Profit,	10 % of EDC		14,601.33	
F. VAT, 05% of (EDC + Mark-ups)				₱ **9,125.83**
G. TOTAL COST OF WORK ITEM				₱ **191,642.48**
H. UNIT COST (Total Cost of Work Item/Assumed Quantity)				₱ **191,642.48**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

Republic of the Philippines
PHILIPPINE PORTS AUTHORITY
Port Management Office of Misamis Oriental/Cagayan de Oro

DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**
LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **6.0 : Floor, Wall, Door Finishes**
ITEM NO. **6.01** Floor, Wall, Door Finishes
WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for the Floor, Door, and Wall Finishes

Date Prepared: 01-Jun-26
Page No. 6 of 10
UNIT COST (Php) **120,570.61**
ASSUMED QTY. **1.00**
UNIT: **lot**

DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A. MATERIALS:				
PVC Door Set with Louver, 2.1m x 0.7m	set	2.00	4,500.00	9,000.00
PVC Door Set with Louver, 2.1m x 0.9m	set	1.00	4,500.00	4,500.00
Wooden Door Set. 2.1m x 0.9m	set	1.00	5,000.00	5,000.00
Fixed Glass Window on Powder Coated Frame, 1/4mm thick reflective glass w/ accessories, 1.2m x 0.65m	set	2.00	7,000.00	14,000.00
Fixed & Sliding Glass Window on Powder Coated Frame, 1/4mm thick reflective glass w/ accessories, 2m x 1.2m	set	1.00	7,500.00	7,500.00
Awning Glass Window on Powder Coated Frame, 1/4"mm thick reflective glass w/ accessories, 0.4mx0.5m	set	3.00	6,000.00	18,000.00
400mm x 400mm Non-Skid Floor Tiles	pcs	130.00	75.00	9,750.00
400mm x 400mm Non-Glossy Wall Tiles	pcs	140.00	75.00	10,500.00
Tile Adhesive	bags	12.00	300.00	3,600.00
Tile Grout	bags	8.00	150.00	1,200.00
		Sub-total		₱ 83,050.00
B. LABOR				
1 Foreman	day	2.00	1,128.20	2,256.40
1 Skilled Laborer	day	2.00	818.32	1,636.64
2 Unskilled Laborer	day	2.00	630.07	2,520.28
		Sub-total		₱ 6,413.32
C. EQUIPMENT				
1 Tile Cutter	day	2.00	400.00	800.00
1 Angle Grinder	day	2.00	400.00	800.00
1 Electric Drill	day	2.00	400.00	800.00
		Sub-total		₱ 2,400.00
D. ESTIMATED DIRECT COST			**(TOTAL)**	₱ **91,863.32**
E. MARK-UPS				₱ **22,965.83**
1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 13,779.50	
2. Contractor's Profit,	10 % of EDC		9,186.33	
F. VAT, 05% of (EDC + Mark-ups)				₱ **5,741.46**
G. TOTAL COST OF WORK ITEM				₱ **120,570.61**
H. UNIT COST (Total Cost of Work Item/Assumed Quantity)				₱ **120,570.61**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

MARC M. AVELLANA
ESD Manager

Republic of the Philippines
PHILIPPINE PORTS AUTHORITY
Port Management Office of Misamis Oriental/Cagayan de Oro

DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**

LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **7.0 : Sanitary and Plumbing Fixtures**

ITEM NO. **7.01** Sanitary & Plumbing Fixtures

WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for Sanitary & Plumbing Fixtures

Date Prepared: 01-Jun-26
Page No. 7 of 10
UNIT COST (Php) **108,367.27**
ASSUMED QTY. **1.00**
UNIT: **lot**

	DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A.	**MATERIALS:**				
	Water Closet Set, with Two Way Angle Valve and Flush Valve	set	2.00	5,500.00	11,000.00
	Lavatory Set, with Complete Accessories	set	2.00	4,500.00	9,000.00
	Urinal Set, with Complete Accessories and Flush Valve	set	1.00	5,000.00	5,000.00
	PPR & PVC Pipes, Fittings	lot	1.00	12,500.00	12,500.00
	Septic Tank Accessories	lot	1.00	20,523.69	20,523.69
	Floor Drains	lot	1.00	3,500.00	3,500.00
	Water Meter Assembly	set	1.00	5,500.00	5,500.00
	Consumables (5% of Materials Cost)				3,351.18
			Sub-total		₱ 70,374.87
B.	**LABOR**				
	1 Foreman	day	2.00	1,128.20	2,256.40
	1 Skilled Laborer	day	2.00	818.32	1,636.64
	1 Unskilled Laborer	day	2.00	630.07	1,260.14
			Sub-total		₱ 5,153.18
C.	**EQUIPMENT**				
	Minor Tools (10% of Labor Cost)				7,037.49
			Sub-total		₱ 7,037.49
D.	**ESTIMATED DIRECT COST**			**(TOTAL)**	₱ **82,565.54**
E.	**MARK-UPS**				₱ **20,641.38**
	1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 12,384.83	
	2. Contractor's Profit,	10 % of EDC		8,256.55	
F.	**VAT,** 05% of (EDC + Mark-ups)				₱ **5,160.35**
G.	**TOTAL COST OF WORK ITEM**				₱ **108,367.27**
H.	**UNIT COST** (Total Cost of Work Item/Assumed Quantity)				₱ **108,367.27**

PREPARED BY:

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Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

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ESD Manager

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Port Management Office of Misamis Oriental/Cagayan de Oro

DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**
LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **8.0 : Electrical Works**
ITEM NO. **8.01** Electrical Works
WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for the Electrical Works

Date Prepared: 01-Jun-26
Page No. 8 of 10
UNIT COST (Php) **55,194.80**
ASSUMED QTY. **1.00**
UNIT: **lot**

DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A. MATERIALS:				
Lightning Fixtures	set	5.00	1,400.00	7,000.00
Convenience Outlets	set	2.00	1,800.00	3,600.00
Panel Board	set	1.00	8,000.00	8,000.00
Wiring/Conduits/Breakers	lot	1.00	12,000.00	12,000.00
Exhaust Fans	set	2.00	1,500.00	3,000.00
Switches	set	3.00	300.00	900.00
		Sub-total		₱ 34,500.00
B. LABOR				
1 Foreman	day	2.00	1,128.20	2,256.40
1 Skilled Laborer	day	2.00	818.32	1,636.64
1 Unskilled Laborer	day	2.00	630.07	1,260.14
		Sub-total		₱ 5,153.18
C. EQUIPMENT				
1 Electric Drill	day	3.00	400.00	1,200.00
1 Multimeter	day	3.00	400.00	1,200.00
		Sub-total		₱ 2,400.00
D. ESTIMATED DIRECT COST			**(TOTAL)**	₱ **42,053.18**
E. MARK-UPS				₱ **10,513.30**
1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 6,307.98	
2. Contractor's Profit,	10 % of EDC		4,205.32	
F. VAT, 05% of (EDC + Mark-ups)				₱ **2,628.32**
G. TOTAL COST OF WORK ITEM				₱ **55,194.80**
H. UNIT COST (Total Cost of Work Item/Assumed Quantity)				₱ **55,194.80**

PREPARED BY:

ARVIN T. ABELLANOSA
Engineer II

CHECKED BY:

GABRIELE D. MONDOÑEDO
Acting Principal Engineer

REVIEWED BY:

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Republic of the Philippines
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Port Management Office of Misamis Oriental/Cagayan de Oro

DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**
LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **9.0 : Painting Works**
ITEM NO. **9.01** Painting Works
WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for the Painting Works

Date Prepared: 01-Jun-26
Page No. 9 of 10
UNIT COST (Php) **76,207.18**
ASSUMED QTY. **1.00**
UNIT: **lot**

	DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A.	**MATERIALS:**				
	Skim Coat/Putty	bags	13.00	600.00	7,800.00
	Primer Paint	gallons	10.00	850.00	8,500.00
	Latex Paint	gallons	18.00	1,100.00	19,800.00
	Elasometric Paint	gallons	5.00	1,800.00	9,000.00
	Paint Brushes/Rollers	lot	1.00	1,500.00	1,500.00
			Sub-total		₱ 46,600.00
B.	**LABOR**				
	1 Foreman	day	2.00	1,128.20	2,256.40
	1 Skilled Laborer	day	2.00	818.32	1,636.64
	2 Unskilled Laborer	day	2.00	630.07	2,520.28
			Sub-total		₱ 6,413.32
C.	**EQUIPMENT**				
	Minor Tools (10% of Labor Cost)				5,049.30
			Sub-total		₱ 5,049.30
D.	**ESTIMATED DIRECT COST**			**(TOTAL)**	₱ **58,062.62**
E.	**MARK-UPS**				₱ **14,515.65**
	1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC	₱	8,709.39	
	2. Contractor's Profit, 10 % of EDC			5,806.26	
F.	**VAT,** 05% of (EDC + Mark-ups)				₱ **3,628.91**
G.	**TOTAL COST OF WORK ITEM**				₱ **76,207.18**
H.	**UNIT COST** (Total Cost of Work Item/Assumed Quantity)				₱ **76,207.18**

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DETAILED COST ESTIMATES

PROJECT TITLE: **Maintenance of Public Toilets at Operational Areas, Port of Cagayan de Oro (MPF-MOC-18-2026)**

LOCATION: **Port of Cagayan de Oro**

DERIVATION OF UNIT COST

ITEM OF WORK **10.0 : PWD Ramp and Accessibility Features**

ITEM NO. **10.01** PWD Ramp and Accessibility Features

WORK DESCRIPTION: Supply of Materials, Labor, and Equipment for the PWD Ramp and Accessibility Features

Date Prepared: 01-Jun-26
Page No. 10 of 10
UNIT COST (Php) **25,694.28**
ASSUMED QTY. **1.00**
UNIT: **lot**

DESCRIPTION	UNIT	QTY.	UNIT PRICE (Php)	AMOUNT (Php)
A. MATERIALS:				
PWD Ramp and Accessibility Features	lot	1.00	17,000.00	17,000.00
		Sub-total		₱ 17,000.00
B. LABOR				
1 Foreman	day	1.00	1,128.20	1,128.20
1 Skilled Laborer	day	1.00	818.32	818.32
1 Unskilled Laborer	day	1.00	630.07	630.07
		Sub-total		₱ 2,576.59
C. EQUIPMENT				
		Sub-total		₱ -
D. ESTIMATED DIRECT COST			**(TOTAL)**	₱ **19,576.59**
E. MARK-UPS				₱ **4,894.15**
1. Overhead, Contingence, Misc. (OCM) & Expenses,	15 % of EDC		₱ 2,936.49	
2. Contractor's Profit,	10 % of EDC		1,957.66	
F. VAT, 05% of (EDC + Mark-ups)				₱ **1,223.54**
G. TOTAL COST OF WORK ITEM				₱ **25,694.28**
H. UNIT COST (Total Cost of Work Item/Assumed Quantity)				₱ **25,694.28**

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