



**PROGRAM OF WORKS
 BILL OF QUANTITIES**

WINS 2022 - REGION 10 - EL SALVADOR CITY - 001

School : AMOROS ELEMENTARY SCHOOL			Date:				
School I.D : 127667			Budget Allocation:				
Region : X - NORTHERN MINDANAO			Engineering and Administrative Overhead:				
Division : EL SALVADOR CITY			Approved Budget for the Contract:				
Project Title :			Completion Period:				
: PROPOSED REPAIR OF WATER LINE, HANDWASHING FACILITIES AND DETACHED TOILET			Minimum Required Manpower:				
			General Foreman	Welder	Carpenter		
			Helper	Mason	Painter		
Location : AMOROS, EL SALVADOR CITY			Minimum Required Equipment:				
			Hand Tools		Welding Machine		
			One-Bagger Mixer		Bar Cutter		
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks	
I. DIRECT COST							
	GENERAL REQUIREMENTS	-	lot	1.00	-		
2.0000	Concreting Works	-	cu m	2.20	-		
3.0000	Rebar Works	-	kg	478.69	-		
4.0000	Formworks	-	lot	1.00	-		
5.0000	Masonry Works	-	sq m	6.06	-		
11.0000	Plumbing Works	-	lot	1.00	-		
13.0000	Painting Works	-	sq m	21.11	-		
	Sub-Total				-		
II. INDIRECT COST 22% of (I)							
	Overhead Expenses (8%)	-			-		
	Contingencies (3%)	-			-		
	Miscellaneous (1%)	-			-		
	Contractor's Profit (10%)	-			-		
	Sub-Total				-		
III. TAX 5% of (I+II)							
	Sub-Total	-			-		
IV. TOTAL CONSTRUCTION COST (I + II + III)							
		-			-		

Prepared by:

 Contractor/Authorized Representative



PROGRAM OF WORKS
DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR OF WATER LINE, HANDWASHING FACILITIES AND DETACHED TOILET
SCHOOL : AMOROS ELEMENTARY SCHOOL
LOCATION : AMOROS , EL SALVADOR CITY
OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
GENERAL REQUIREMENTS								
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00	-	-	-	-	-
	Project Billboard	lot	1.00	-	-	-	-	-
	Safety and Health	lot	1.00	-	-	-	-	-
	Fire Safety Inspection Certificate (FSIC)	lot	1.00	-	-	-	-	-
	Other Permit Fee	lot	1.00	-	-	-	-	-
	Hauling cost	lot	1.00	-	-	-	-	-
	Sub-total							
2.0000	Concreting Works							
	Slab on Grade	cu.m	1.35					
2.0200	Portland Cement	bag	13.00	-	-	-	-	-
2.0300	Crushed Gravel 3/4"	cu.m	1.50	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.75	-	-	-	-	-
	R. C. Concrete Counter	cu.m	0.61					
2.0200	Portland Cement	bag	6.00	-	-	-	-	-
2.0300	Crushed Gravel 3/4"	cu.m	0.75	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.50	-	-	-	-	-
	Lean Concrete	cu.m	0.24					
2.0200	Portland Cement	bag	3.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.25	-	-	-	-	-
	Sub-total							
3.0000	Rebar Works							
	R. C. Concrete Counter							
3.0500	Deformed Round Bars, Grade 40 Slab on Grade	kg	240.21	-	-	-	-	-
3.0900	Deformed Round Bars, Grade 33	kg	238.48	-	-	-	-	-
3.1200	G.I. Tie Wire	kg	10.00	-	-	-	-	-
	Sub-total							
4.0000	Formworks							
	R. C. Concrete Counter	sq.m	10.10					
4.0100	Coco Lumber	bd.ft	51.60	-	-	-	-	-
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00	-	-	-	-	-
4.0400	CWN, Assorted	kg	1.00	-	-	-	-	-
	Sub-total							
5.0000	Masonry Works							
	Masonry Wall	sq.m	6.06					
5.0200	CHB 6" thk	pc	80.00	-	-	-	-	-
2.0200	Portland Cement	bag	4.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	1.00	-	-	-	-	-
5.0400	10mm x 6m RSB	kg	9.00	-	-	-	-	-
3.1200	G.I. Tie Wire	kg	1.00	-	-	-	-	-
	Plastering	sq.m	12.13					
2.0200	Portland Cement	bag	5.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	1.00	-	-	-	-	-
	Sub-total							
11.0000	Plumbing Works							
	Water Line							
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	10.00	-	-	-	-	-
	G.I. Coupling, 1"Ø	pc	2.00	-	-	-	-	-
	G.I. Elbow 90° x 1"Ø	pc	4.00	-	-	-	-	-
	G.I. Cross Tee Reducer, 1" x 1/2"Ø	pc	7.00	-	-	-	-	-
	G.I. Female Adaptor 1/2"Ø	pc	10.00	-	-	-	-	-
11.4200	Teflon Tape	roll	5.00	-	-	-	-	-
	Drainage Line							
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	pc	3.00	-	-	-	-	-
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	pc	2.00	-	-	-	-	-
12.1800	PVC Sanitary Wye 4" x 4"	pc	1.00	-	-	-	-	-
12.2000	PVC Sanitary Wye Reducer 4" x 2"	pc	3.00	-	-	-	-	-
12.1410	PVC Sanitary Elbow 1/8 x 2"Ø	pc	4.00	-	-	-	-	-
12.1300	PVC Sanitary Elbow 1/8 x 4"Ø	pc	1.00	-	-	-	-	-
12.1100	PVC Sanitary Elbow 90° x 2"Ø	pc	5.00	-	-	-	-	-
12.2200	PVC Sanitary Tee 2" x 2"	pc	5.00	-	-	-	-	-

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
12.2400	Brass Cleanout 4" x 4"	pc	1.00	-	-	-	-	-
12.2700	PVC P-Trap 2"	pc	4.00	-	-	-	-	-
11.4410	S.S. Floor Drain 4" x 4"	set	4.00	-	-	-	-	-
12.3000	PVC Cement	can	4.00	-	-	-	-	-
	Sub-total							
13.0000	Painting Works							
	Concrete surfaces	sq.m	21.11					
13.0200	Latex, Flat	gal	2.00	-	-	-	-	-
13.0300	Masonry Putty	gal	1.00	-	-	-	-	-
13.0400	Latex, Semi Gloss	gal	1.00	-	-	-	-	-
13.0500	Acri Color	qrt	1.00	-	-	-	-	-
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST 22% of (I - Gen. Req.)							
III.	TAX 5% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

Prepared by:

Contractor/Authorized Representative



**PROGRAM OF WORKS
 BILL OF QUANTITIES**

WINS 2022 - REGION 10 - EL SALVADOR CITY - 002

School : BOLISONG ELEMENTARY SCHOOL			Date:				
School I.D : 127668			Budget Allocation:				
Region : X - NORTHERN MINDANAO			Engineering and Administrative Overhead:				
Division : EL SALVADOR CITY			Approved Budget for the Contract:				
Project Title : : PROPOSED REPAIR OF WATER LINE, HANDWASHING FACILITIES AND DETACHED TOILET			Completion Period:				
			Minimum Required Manpower:				
			General Foreman	Welder	Carpenter		
			Helper	Mason	Painter		
Location : BOLISONG, EL SALVADOR CITY			Minimum Required Equipment:				
			Hand Tools		Welding Machine		
			One-Bagger Mixer		Bar Cutter		
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks	
I. DIRECT COST							
	GENERAL REQUIREMENTS	-	lot	1.00	-		
2.0000	Concreting Works	-	cu m	2.20	-		
3.0000	Rebar Works	-	kg	478.69	-		
4.0000	Formworks	-	lot	1.00	-		
5.0000	Masonry Works	-	sq m	6.06	-		
11.0000	Plumbing Works	-	lot	1.00	-		
13.0000	Painting Works	-	sq m	21.11	-		
	Sub-Total				-		
II. INDIRECT COST 22% of (I)							
	Overhead Expenses (8%)	-			-		
	Contingencies (3%)	-			-		
	Miscellaneous (1%)	-			-		
	Contractor's Profit (10%)	-			-		
	Sub-Total				-		
III. TAX 5% of (I+II)							
	Sub-Total	-			-		
	IV. TOTAL CONSTRUCTION COST (I + II + III)	-			-		

Prepared by:

 Contractor/Authorized Representative



PROGRAM OF WORKS
DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR OF WATER LINE, HANDWASHING FACILITIES AND DETACHED TOILET
 SCHOOL : BOLISONG ELEMENTARY SCHOOL
 LOCATION : BOLISONG, EL SALVADOR CITY
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
GENERAL REQUIREMENTS								
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00	-	-	-	-	-
	Project Billboard	lot	1.00	-	-	-	-	-
	Safety and Health	lot	1.00	-	-	-	-	-
	Fire Safety Inspection Certificate (FSIC)	lot	1.00	-	-	-	-	-
	Other Permit Fee	lot	1.00	-	-	-	-	-
	Hauling cost	lot	1.00	-	-	-	-	-
	Sub-total							
2.0000	Concreting Works							
	Slab on Grade	cu.m	1.35					
2.0200	Portland Cement	bag	13.00	-	-	-	-	-
2.0300	Crushed Gravel 3/4"	cu.m	1.50	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.75	-	-	-	-	-
	R. C. Concrete Counter	cu.m	0.61					
2.0200	Portland Cement	bag	6.00	-	-	-	-	-
2.0300	Crushed Gravel 3/4"	cu.m	0.75	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.50	-	-	-	-	-
	Lean Concrete	cu.m	0.24					
2.0200	Portland Cement	bag	3.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.25	-	-	-	-	-
	Sub-total							
3.0000	Rebar Works							
	R. C. Concrete Counter							
3.0500	Deformed Round Bars, Grade 40	kg	240.21	-	-	-	-	-
	Slab on Grade							
3.0900	Deformed Round Bars, Grade 33	kg	238.48	-	-	-	-	-
3.1200	G.I. Tie Wire	kg	10.00	-	-	-	-	-
	Sub-total							
4.0000	Fomworks							
	R. C. Concrete Counter	sq.m	10.10					
4.0100	Coco Lumber	bd.ft	51.60	-	-	-	-	-
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00	-	-	-	-	-
4.0400	CWN, Assorted	kg	1.00	-	-	-	-	-
	Sub-total							
5.0000	Masonry Works							
	Masonry Wall	sq.m	6.06					
5.0200	CHB 6" thk	pc	80.00	-	-	-	-	-
2.0200	Portland Cement	bag	4.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	1.00	-	-	-	-	-
5.0400	10mm x 6m RSB	kg	9.00	-	-	-	-	-
3.1200	G.I. Tie Wire	kg	1.00	-	-	-	-	-
	Plastering	sq.m	12.13					
2.0200	Portland Cement	bag	5.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	1.00	-	-	-	-	-
	Sub-total							
11.0000	Plumbing Works							
	Water Line							
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	10.00	-	-	-	-	-
	G.I. Coupling, 1"Ø	pc	2.00	-	-	-	-	-
	G.I. Elbow 90° x 1"Ø	pc	4.00	-	-	-	-	-
	G.I. Cross Tee Reducer, 1" x 1/2"Ø	pc	7.00	-	-	-	-	-
	G.I. Female Adaptor 1/2"Ø	pc	10.00	-	-	-	-	-
11.4200	Teflon Tape	roll	5.00	-	-	-	-	-
	Drainage Line							
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	pc	3.00	-	-	-	-	-
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	pc	2.00	-	-	-	-	-
12.1600	PVC Sanitary Wye 4" x 4"	pc	1.00	-	-	-	-	-
12.2000	PVC Sanitary Wye Reducer 4" x 2"	pc	3.00	-	-	-	-	-
12.1410	PVC Sanitary Elbow 1/8 x 2"Ø	pc	4.00	-	-	-	-	-
12.1300	PVC Sanitary Elbow 1/8 x 4"Ø	pc	1.00	-	-	-	-	-
12.1100	PVC Sanitary Elbow 90° x 2"Ø	pc	5.00	-	-	-	-	-
12.2200	PVC Sanitary Tee 2" x 2"	pc	5.00	-	-	-	-	-

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
12.2400	Brass Cleanout 4" x 4"	pc	1.00	-	-	-	-	-
12.2700	PVC P-Trap 2"	pc	4.00	-	-	-	-	-
11.4410	S.S. Floor Drain 4" x 4"	set	4.00	-	-	-	-	-
12.3000	PVC Cement	can	4.00	-	-	-	-	-
	Sub-total							
13.0000	Painting Works							
	Concrete surfaces	sq.m	21.11					
13.0200	Latex, Flat	gal	2.00	-	-	-	-	-
13.0300	Masonry Putty	gal	1.00	-	-	-	-	-
13.0400	Latex, Semi Gloss	gal	1.00	-	-	-	-	-
13.0500	Acri Color	qrt	1.00	-	-	-	-	-
	Sub-total							
I.	DIRECT COST							-
II.	INDIRECT COST 22% of (I - Gen. Req.)							-
III.	TAX 5% of (I + II)							-
IV.	TOTAL CONSTRUCTION COST (I + II + III)							-

Prepared by:

Contractor/Authorized Representative



**PROGRAM OF WORKS
 BILL OF QUANTITIES**

WINS 2022 - REGION 10 - EL SALVADOR CITY - 003

School : COGON ELEMENTARY SCHOOL			Date:				
School I.D : 127670			Budget Allocation:				
Region : X - NORTHERN MINDANAO			Engineering and Administrative Overhead:				
Division : EL SALVADOR CITY			Approved Budget for the Contract:				
Project Title : : PROPOSED REPAIR OF WATER LINE, HANDWASHING FACILITIES AND DETACHED TOILET			Completion Period:				
			Minimum Required Manpower:				
			General Foreman	Welder	Carpenter	Helper	Mason
Location : COGON, EL SALVADOR CITY			Minimum Required Equipment:				
			Hand Tools	Welding Machine			
			One-Bagger Mixer	Bar Cutter			
ITEM NO.	Item Description	% of Total	Unit	Quantity	Total Cost	Remarks	
I. DIRECT COST							
	GENERAL REQUIREMENTS	-	lot	1.00	-		
2.0000	Concreting Works	-	cu m	2.20	-		
3.0000	Rebar Works	-	kg	478.69	-		
4.0000	Formworks	-	lot	1.00	-		
5.0000	Masonry Works	-	sq m	6.06	-		
11.0000	Plumbing Works	-	lot	1.00	-		
13.0000	Painting Works	-	sq m	21.11	-		
	Sub-Total				-		
II. INDIRECT COST 22% of (I)							
	Overhead Expenses (8%)	-			-		
	Contingencies (3%)	-			-		
	Miscellaneous (1%)	-			-		
	Contractor's Profit (10%)	-			-		
	Sub-Total				-		
III. TAX 5% of (I+II)							
	Sub-Total	-			-		
	IV. TOTAL CONSTRUCTION COST (I + II + III)	-			-		

Prepared by:

 Contractor/Authorized Representative



PROGRAM OF WORKS
DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR OF WATER LINE, HANDWASHING FACILITIES AND DETACHED TOILET
 SCHOOL : COGON ELEMENTARY SCHOOL
 LOCATION : COGON, EL SALVADOR CITY
 OWNER : DEPARTMENT OF EDUCATION

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
GENERAL REQUIREMENTS								
	Mobilization/Temporary Structures, Utilities and Services/Demobilization	lot	1.00	-	-	-	-	-
	Project Billboard	lot	1.00	-	-	-	-	-
	Safety and Health	lot	1.00	-	-	-	-	-
	Fire Safety Inspection Certificate (FSIC)	lot	1.00	-	-	-	-	-
	Other Permit Fee	lot	1.00	-	-	-	-	-
	Hauling cost	lot	1.00	-	-	-	-	-
	Sub-total							
2.0000	Concreting Works							
	Slab on Grade	cu.m	1.35					
2.0200	Portland Cement	bag	13.00	-	-	-	-	-
2.0300	Crushed Gravel 3/4"	cu.m	1.50	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.75	-	-	-	-	-
	R. C. Concrete Counter	cu.m	0.61					
2.0200	Portland Cement	bag	6.00	-	-	-	-	-
2.0300	Crushed Gravel 3/4"	cu.m	0.75	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.50	-	-	-	-	-
	Lean Concrete	cu.m	0.24					
2.0200	Portland Cement	bag	3.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	0.25	-	-	-	-	-
	Sub-total							
3.0000	Rebar Works							
	R. C. Concrete Counter							
3.0500	Deformed Round Bars, Grade 40 Slab on Grade	kg	240.21	-	-	-	-	-
3.0900	Deformed Round Bars, Grade 33	kg	238.48	-	-	-	-	-
3.1200	G.I. Tie Wire	kg	10.00	-	-	-	-	-
	Sub-total							
4.0000	Formworks							
	R. C. Concrete Counter	sq.m	10.10					
4.0100	Coco Lumber	bd.ft	51.60	-	-	-	-	-
4.0200	Plywood Ordinary, 1/4" x 4' x 8'	pc	2.00	-	-	-	-	-
4.0400	CWN, Assorted	kg	1.00	-	-	-	-	-
	Sub-total							
5.0000	Masonry Works							
	Masonry Wall	sq.m	6.06					
5.0200	CHB 6" thk	pc	80.00	-	-	-	-	-
2.0200	Portland Cement	bag	4.00	-	-	-	-	-
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5.0400	10mm x 6m RSB	kg	9.00	-	-	-	-	-
3.1200	G.I. Tie Wire	kg	1.00	-	-	-	-	-
	Plastering	sq.m	12.13					
2.0200	Portland Cement	bag	5.00	-	-	-	-	-
2.0500	Washed Sand	cu.m	1.00	-	-	-	-	-
	Sub-total							
11.0000	Plumbing Works							
	Water Line							
11.0500	Faucet, Hose Bibb, Brass 1/2"Ø	pc	10.00	-	-	-	-	-
	G.I. Coupling, 1"Ø	pc	2.00	-	-	-	-	-
	G.I. Elbow 90° x 1"Ø	pc	4.00	-	-	-	-	-
	G.I. Cross Tee Reducer, 1" x 1/2"Ø	pc	7.00	-	-	-	-	-
	G.I. Female Adaptor 1/2"Ø	pc	10.00	-	-	-	-	-
11.4200	Teflon Tape	roll	5.00	-	-	-	-	-
	Drainage Line							
12.0500	PVC Sanitary Pipe 4"Ø x 3.0m	pc	3.00	-	-	-	-	-
12.0700	PVC Sanitary Pipe 2"Ø x 3.0m	pc	2.00	-	-	-	-	-
12.1600	PVC Sanitary Wye 4" x 4"	pc	1.00	-	-	-	-	-
12.2000	PVC Sanitary Wye Reducer 4" x 2"	pc	3.00	-	-	-	-	-
12.1410	PVC Sanitary Elbow 1/8 x 2"Ø	pc	4.00	-	-	-	-	-
12.1300	PVC Sanitary Elbow 1/8 x 4"Ø	pc	1.00	-	-	-	-	-
12.1100	PVC Sanitary Elbow 90° x 2"Ø	pc	5.00	-	-	-	-	-
12.2200	PVC Sanitary Tee 2" x 2"	pc	5.00	-	-	-	-	-

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT COST		TOTAL COST		GRAND TOTAL
				MATERIAL	LABOR	MATERIAL	LABOR	
12.2400	Brass Cleanout 4" x 4"	pc	1.00	-	-	-	-	-
12.2700	PVC P-Trap 2"	pc	4.00	-	-	-	-	-
11.4410	S.S. Floor Drain 4" x 4"	set	4.00	-	-	-	-	-
12.3000	PVC Cement	can	4.00	-	-	-	-	-
	Sub-total							
13.0000	Painting Works							
	Concrete surfaces	sq.m	21.11					
13.0200	Latex, Flat	gal	2.00	-	-	-	-	-
13.0300	Masonry Putty	gal	1.00	-	-	-	-	-
13.0400	Latex, Semi Gloss	gal	1.00	-	-	-	-	-
13.0500	Acri Color	qrt	1.00	-	-	-	-	-
	Sub-total							
I.	DIRECT COST							
II.	INDIRECT COST 22% of (I - Gen. Req.)							
III.	TAX 5% of (I + II)							
IV.	TOTAL CONSTRUCTION COST (I + II + III)							

Prepared by:

Contractor/Authorized Representative