



PROJECT: **CONSTRUCTION OF PRODUCT OUTLET FOR CCDP-MAASIN**
 LOCATION: **Maasin City, Southern Leyte**
 SUBJECT: **Bill of Materials**

PROGRAM OF WORKS					
	Particulars	Quantity	Unit	Unit Rate	Total Cost
ITEM	QTY/ QTY/PARTIC unit/blank	QTY/DAYS	UNIT	UNIT RATE	TOTAL COST
I. GENERAL REQUIREMENTS					
	Quantity = 1.00 LOT				
O1	Mobilization/Demobilization	1.00	lot		
O1	Permits and Clearances(Check Permit Exemptions for Public Buildings)	1.00	lot		
O2	Temporary Facilities	1.00	lot		
O2	Safety and Health	1.00	lot		
O1	- Not Subjected to OCM and Profit Mark-up				
O2	- Not Subjected to OCM Mark-up				
				Total Cost	
				Unit Cost	.00 /LOT
II. EARTHWORKS					
	Quantity = 69.00 sq.m.				
1)	Materials				
	Gravel Bed	8.00	cu.m.		
	Backfill	23.00	cu.m.		
2)	Labor				
	A) Clearing and Grubbing				
	Laborers	2.00	days		
	B) Excavation				
	Laborers	4.00	days		
	C) Backfilling and Gravel Bedding				
	Laborers	4.00	days		
				Total Cost	
				Unit Cost	.00 /sq.m.
III. CONCRETING WORKS					
A) Formworks And Scaffoldings					
	Quantity = 1.00 LOT				
1)	Materials				
	4' x 8' x 1/2" thick Phenolic Board Form	41.00	pcs		
	2" x 2" x 12' lumber	462.24	bdft		
	Nylon String 1.0mm (tansi)	10.00	roll		
	Wire Mesh 1/8" (salandra)	7.00	ft		
	Common Nail (Assorted)	15.00	kg		
	GI Tie Wire #16	12.00	kg		
2)	Labor				
	Skilled	5.00	days		
	Laborers	5.00	days		
				Total Cost	
				Unit Cost	.00 /LOT



PROGRAM OF WORKS				
Particulars	Quantity	Unit	Unit Rate	Total Cost
B) Structural Concreting				
Quantity =	32.50	cu.m.		
1) Materials				
Portland Cement (40kg)	303.00	bag		
Washed Sand (S-1)	17.00	cu.m.		
Gravel (G-3/4)	33.00	cu.m.		
2) Labor				
Skilled	10.00	days		
Laborers	10.00	days		
			Total Cost	
			Unit Cost	.00 /cu.m.
C) Reinforcing Steel Works				
Quantity =	4,960.78	kg		
1) Materials				
10mm Ø x 6m Deformed Steel Bar	487.00	pcs		
12mm Ø x 6m Deformed Steel Bar	28.00	pcs		
16mm Ø x 6m Deformed Steel Bar	318.00	pcs		
GI Tie Wire #16	57.00	kg		
2) Labor				
Skilled	7.00	days		
Laborers	7.00	days		
			Total Cost	
			Unit Cost	.00 /kg
IV. MASONRY WORKS				
A) Masonry Wall & Parapet Wall Laying and Plastering				
Quantity =	209.00	sq.m.		
1) Materials				
100mm thick Concrete Hollow Blocks	2609.00	pcs		
Portland Cement (40kg)	203.00	bag		
Washed Sand (S-1)	15.00	cu.m.		
10mm Ø x 6m Deformed Steel Bar	140.00	pcs		
GI Tie Wire #16	15.00	kg		
2) Labor				
Skilled	10.00	days		
Laborers	10.00	days		
			Total Cost	
			Unit Cost	.00 /sq.m.



PROGRAM OF WORKS				
Particulars	Quantity	Unit	Unit Rate	Total Cost

V. CARPENTRY

A) Ceiling, Accent and Frames

Quantity = 135.16 sq.m.

1) Materials

2" x 3" x 16' GA24 Carrying Channel	33.00	pcs
1/2" x 1 1/2" x 16' GA24 Single Furring	45.00	pcs
1" x 1" x 10' Wall Angle	20.00	pcs
Preformed Wire Clip	78.00	pcs
Adjustable Suspension Hanger Rod	78.00	pcs
Finishing Nail	20.00	kg
Screw #6x1 Self Tapping (100's)	6.00	box
Blind Rivets 1/8"x1/2" (100's)	6.00	box
20cm x 40cm Ceiling Vent	4.00	set
Consumables	1.00	lot

2) Labor

Skilled	5.00	days
Laborers	5.00	days

Total Cost

Unit Cost

.00 /sq.m.

VI. ROOFING AND STEEL WORKS

Quantity = 69.00 sq.m.

1) Materials

2" x 4" x 20' C-Purlins	24.00	pcs
50mm x 50mm x 5mm Angle Bar (6m)	38.00	pcs
10mm Ø x 6m Plain Round Bar	12.00	pcs
10mm Ø Turn Buckle	8.00	pcs
GA 24 Pre-painted rib type long span roofing	64.00	l.m.
GA 24 Pre-Painted Flashing Gutter	24.00	pcs
Blind Rivets (100's)	5.00	box
Roof Sealant	6.00	bag
Welding Rod	2.00	box
Cutting Disc	5.00	pcs
Consumables	1.00	lot

2) Labor

Skilled	11.00	days
Laborers	11.00	days

Total Cost

Unit Cost

.00 /sq.m.



PROGRAM OF WORKS				
Particulars	Quantity	Unit	Unit Rate	Total Cost

VII. DOORS AND WINDOWS

Quantity = 1.00 lot

1) Materials

Doors and Door Jambs

D-01 : 1.00m W x 2.10m H Powder Coated Aluminum top and bot framed 12mm thk ordinary clear glass Swing Door	1.00	set		
D-02 : 0.80m W x 2.10m H Fire-Rated Hollow Core Steel Door in Steel Jamb, Complete w/ Hardware	3.00	set		
D-03 : 1.20m W x 2.10m H Fire-Rated Hollow Core Steel Double Swing Door in Steel Jamb, Complete w/ Hardware	1.00	set		

Steel Casement Windows

W1: 1.7m W x 1.2m H Powder-Coated Aluminum-Framed 8mm thick Awning & Fixed Glass Window	3.00	set		
W2: 3.60m W x 1.20m H Powder-Coated Aluminum-Framed 8mm thick Awning & Fixed Glass Window	1.00	set		
W3: 1.20m W x 0.40m H Powder-Coated Aluminum-Framed 4.5mm thick Clear Glass Awning Window	3.00	set		
W4: 0.60m W x 0.40m H Powder-Coated Aluminum-Framed 4.5mm thick Clear Glass Awning Window	2.00	set		

2) Labor

Skilled
Laborers

5.00 days
5.00 days

Total Cost
Unit Cost

.00 /lot

VIII. FINISHES

A) Paint Works

Quantity = 326.00 sq.m.

1) Materials

Ceiling Finishes and Metal & Concrete Surfaces

Metal Primer, 4L	2.00	gal		
Consumables	1.00	lot		

2) Labor

Skilled
Laborers

2.00 days
2.00 days

Total Cost
Unit Cost

.00 /sq.m.



PROGRAM OF WORKS				
Particulars	Quantity	Unit	Unit Rate	Total Cost
IX. PLUMBING WORKS AND FIXTURES				
Quantity =	1.00	lot		
1) Materials				
Cold Water Line				
20mm Ø x 4m PPR pipe PN20	8.00	pcs		
20mm Ø PPR elbow 90	8.00	pcs		
20mm Ø PPR tee	14.00	pcs		
20mm Ø PPR Coupling	14.00	pcs		
20mm Ø cap	3.00	pcs		
Check Valve	1.00	set		
Gate Valve	4.00	set		
Teflon Tape	5.00	pcs		
Sanitary Line and Storm Drainage				
100mm Ø x 3m PVC Pipe	18.00	pcs		
150mm Ø x 3m PVC Pipe	3.00	pcs		
PVC Fitting Reducer	1.00	pcs		
100mm Ø PVC elbow, 45°	15.00	pcs		
100mm Ø PVC Tee	12.00	pcs		
100mm Ø PVC Clean Out w/ plug & sealing ring	2.00	pcs		
100mm Ø PVC P-trap w/ plug & sealing ring	5.00	pcs		
100mm x 100mm Stainless Steel Floor Drain w/ Strainer	4.00	set		
100mm Ø S.S. Dome Type Roof Drain	3.00	set		
Solvent	2.00	cans		
Plumbing Fixtures				
Toilet Bowl with water closet & Flush system	1.00	sets		
Wall hanged lavatory with Stainless Faucet	1.00	sets		
Toilet Partitions	1.00	sets		
S.S. Faucet/ Hose Bibb	3.00	pcs		
Adhesive	1.00	pcs		
Septic Tank and Catch Basin				
Portland Cement (40kg)	35.00	bag		
Washed Sand (S-1)	2.00	cu.m.		
Gravel (G-3/4)	2.00	cu.m.		
10mm Ø x 6m Deformed Steel Bar	44.00	pcs		
12mm Ø x 6m Deformed Steel Bar	2.00	pcs		
GI Tie Wire #16	15.00	kg		
100mm thick Concrete Hollow Blocks	275.00	pcs		
4' x 8' x 1/2" thick Phenolic Board Form	3.00	pcs		
2" x 2" x 12' lumber	36.00	bdft		
Nylon String 1.0mm (tansi)	2.00	roll		
Wire Mesh 1/8" (salandra)	3.00	ft		
Common Nail (Assorted)	3.00	kg		
Consumables	1.00	lot		
2) Labor				
Skilled	10.00	days		
Laborers	10.00	days		
			Total Cost	
			Unit Cost	.00 /lot



PROGRAM OF WORKS				
Particulars	Quantity	Unit	Unit Rate	Total Cost
X. ELECTRICAL WORKS				
Quantity =	1.00	lot		
1) Materials				
Lighting Device and Electrical Fixtures				
One gang switch, 15A, 230VAc	2.00	set		
Two gang switch, 15A, 230VAc	3.00	set		
Three gang switch, 15A, 230VAc	2.00	set		
Electrical Wiring Device and Fittings				
2.0 mm ² THHN wire	119.00	l.m.		
3.5 mm ² THHN wire	67.00	l.m.		
5.5 mm ² THHN wire	71.00	l.m.		
22.0 mm ² THHN wire	26.00	l.m.		
32.0 mm RSC pipe (10ft)	10.00	pcs		
20mmØ x 3.0m PVC Pipe w/ coupling	32.00	pcs		
20mmØ PVC elbow	20.00	pcs		
PVC Octagonal Junction Box	20.00	pcs		
6" x 6" pvc pull box	15.00	pcs		
2" x 4" pvc utility box	15.00	pcs		
Duplex Convenience Outlet, Surface mounted	17.00	set		
Panel Board and others				
DP-B: Bolt on type Panel Board NEMA with Breakers	1.00	set		
MCB 100AT, 200AF, 3P, 230 V 60Hz				
Branches: 2 - 20AT 100AF 230V				
8 - 30AT 100AF 230V				
Consumables	1.00	lot		
2) Labor				
Skilled	13.00	days		
Laborers	13.00	days		
Total Cost				
Unit Cost				.00 /lot

SUMMARY OF ESTIMATED EXPENDITURE:

Direct Cost:

A) Material Cost

B) Labor Cost

C) General Requirements O1:

D) General Requirements O2:

E) Total Direct Cost: (A+B+C+D)

Indirect Costs

F) OCM (A+B) * 12%

G) Profit (A+B+D)* 10%

H) Tax (E+F+G)* 5%

I) Total Indirect Cost: (F+G+H)

TOTAL ESTIMATED PROJECT COST:

(E+I) PHP

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