



PROJECT: CONTINUATION OF THE COMPLETION OF THE CONSTRUCTION OF PRODUCT OUTLET FOR CBIN-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 | lot | | |
| O1 | Permits and Clearances(Check Permit Exemptions for Public Buildings) | 1 | lot | | |
| O2 | Temporary Facilities | 1 | lot | | |
| O2 | Safety and Health | 1 | lot | | |
| O2 | Project Billboards with Frame (COA Format and Size) | 1 | 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 = 1.00 lot | | | | |
| 1) Materials | | | | | |
| | Backfill | 0 | cu.m. | | |
| | Gravel Bed | 0 | cu.m. | | |
| 2) Labor | | | | | |
| | A) Clearing and Grubbing | | | | |
| | Laborers | 0 | days | | |
| | B) Excavation | | | | |
| | Laborers | 0 | days | | |
| | C) Backfilling and Gravel Bedding | | | | |
| | Laborers | 0 | days | | |
| | | | | Total Cost | |
| | | | | Unit Cost | .00 /lot |
| III. CONCRETING WORKS | | | | | |
| A) Formworks And Scaffoldings | | | | | |
| | Quantity = 784.75 sq.m. | | | | |
| 1) Materials | | | | | |
| | 4' x 8' x 1/2" thick Phenolic Board Form | 0 | pcs | | |
| | 2" x 2" Lumber | 0 | bdft | | |
| | Nylon String 1.0mm (tansi) | 0 | roll | | |
| | Wire Mesh 1/8" (salandra) | 0 | ft | | |
| | Common Nail (Assorted) | 0 | kg | | |
| | GI Tie Wire #16 | 0 | kg | | |
| 2) Labor | | | | | |
| | Skilled | 0 | days | | |
| | Laborers | 0 | days | | |
| | | | | Total Cost | |
| | | | | Unit Cost | .00 /sq.m. |



| PROGRAM OF WORKS | | | | |
|---|----------|-------|-------------------|------------|
| Particulars | Quantity | Unit | Unit Rate | Total Cost |
| B) Structural Concreting | | | | |
| Quantity = 31.83 cu.m. | | | | |
| 1) Materials | | | | |
| Portland Cement (40kg) | 0 | bag | | |
| Washed Sand (S-1) | 0 | cu.m. | | |
| Gravel (G-3/4) | 0 | cu.m. | | |
| 2) Labor | | | | |
| Skilled | 0 | days | | |
| Laborers | 0 | days | | |
| | | | Total Cost | |
| | | | Unit Cost | .00 /cu.m. |
| C) Reinforcing Steel Works | | | | |
| Quantity = 4,454.67 kg | | | | |
| 1) Materials | | | | |
| 10mm Ø x 6m Deformed Steel Bar | 0 | pcs | | |
| 12mm Ø x 6m Deformed Steel Bar | 0 | pcs | | |
| 16mm Ø x 6m Deformed Steel Bar | 0 | pcs | | |
| GI Tie Wire #16 | 0 | kg | | |
| 2) Labor | | | | |
| Skilled | 0 | days | | |
| Laborers | 0 | days | | |
| | | | Total Cost | |
| | | | Unit Cost | .00 /kg |
| IV. MASONRY WORKS | | | | |
| A) Masonry Wall & Parapet Wall Laying and Plastering | | | | |
| Quantity = 316.33 sq.m. | | | | |
| 1) Materials | | | | |
| 100mm thick Concrete Hollow Blocks | 0 | pcs | | |
| Portland Cement (40kg) | 0 | bag | | |
| Washed Sand (S-1) | 0 | cu.m. | | |
| 10mm Ø x 6m Deformed Steel Bar | 0 | pcs | | |
| GI Tie Wire #16 | 0 | kg | | |
| 2) Labor | | | | |
| Skilled | 0 | days | | |
| Laborers | 0 | 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 = 203.87 sq.m.

1) Materials

| | | |
|--|---|-----|
| 4' x 8' x 1/4" thk Ficem Ceiling Board | 8 | pcs |
| 7" x 10' x 3/16" thk Metal Spandrel Ceiling | | pcs |
| 2' x 2' x 10mm thk Acoustic Ceiling Board Moisture Resistant | | pcs |
| 2" x 3" x 16' GA24 Carrying Channel | | pcs |
| 1/2" x 1 1/2" x 16' GA24 Single Furring | | pcs |
| 1" x 1" x 10' Wall Angle | | pcs |
| Main Tee Splice clip | | pcs |
| 1" x 1 1/2" x 12' Main Tee Runner | | pcs |
| 1" x 1" x 2' Cross Tee Runner | | pcs |
| Preformed Wire Clip | | pcs |
| Adjustable Suspension Hanger Rod | | pcs |
| Finishing Nail | | kg |
| Screw #6x1 Self Tapping (100's) | | box |
| Blind Rivets 1/8"x1/2" (100's) | 2 | box |
| 20cm x 40cm Ceiling Vent | | set |
| "Dairy Box" Stainless Steel Signage | 1 | set |
| Consumables | 1 | lot |

2) Labor

| | | |
|----------|---|------|
| Skilled | 1 | days |
| Laborers | 1 | days |

Total Cost

Unit Cost

.00 /sq.m.

VI. ROOFING AND STEEL WORKS

Quantity = 167.28 sq.m.

1) Materials

| | | |
|--|----|------|
| 1 1/2" x 1 1/2" x 1/4" x 20' Angle Bars | 0 | pcs |
| 2" x 4" x 20' C-Purlins | 0 | pcs |
| 50mm x 50mm x 5mm Angle Bar (6m) | 0 | pcs |
| 10mm Ø x 6m Plain Round Bar | 0 | pcs |
| 10mm Ø Turn Buckle | 0 | pcs |
| GA 24 Pre-painted rib type long span roofing | 0 | l.m. |
| GA 24 Pre-Painted Gutter | 0 | pcs |
| 23ft Aluminum Gutter Guard | 0 | pcs |
| GA 24 Pre-Painted Flashing Gutter | 0 | pcs |
| Blind Rivets (100's) | 0 | box |
| Roof Sealant | 0 | bag |
| GI Tie Wire #16 | 0 | kg |
| 25mm x 25mm x 5mm Angle Bar (6m) | 8 | pcs |
| 50CM x 50CM x 3.0MM thick Aluminum Composite Panel | 61 | pcs |
| Fabricated Stainless Railings | 1 | set |
| M12 x 60mm Bolt, Nut and Washer | 2 | box |
| Welding Rod | 1 | box |
| Cutting Disc | 2 | pcs |
| Consumables | 1 | lot |

2) Labor

| | | |
|----------|---|------|
| Skilled | 2 | days |
| Laborers | 2 | 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 2.40m H Powder Coated Aluminum top and bot framed 12mm thk ordinary clear glass Swing Door; and 1.80m W x 1.80m H and 0.90mw W x 1.80m H Powder coated aluminum-framed 4.5mm thick fixed glass window , complete w/ Hardware and Acce. | 1 | set | | |
| D-02 : 0.80m W x 2.10m H Painted Wood Panel Door in Solid Wood Jamb, complete w/ Hardware and Acce. | 2 | set | | |
| D-03 : 0.70m W x 2.10m H Fire-Rated Hollow Core Steel Door in Steel Jamb, w/ Clear Glass Peek Window, Complete w/ Hardware and accessories | 1 | set | | |
| D-04 : 1.20m W x 2.10m H Fire-Rated Hollow Core Steel Double Swing Door in Steel Jamb, w/ Clear Glass Peek Window, Complete w/ Hardware | 1 | set | | |
| D-05 : 0.80m W x 2.10m H Fire-Rated Hollow Core Steel Door in Steel Jamb, with Intumescent Strip, Complete w/ Hardware | 2 | set | | |
| D-06 : 0.80m W x 2.10m H Fire-Rated Hollow Core Steel Door in Steel Jamb, w/ Pass-in swing-type window, Complete w/ Hardware and accessories | 1 | set | | |
| D-07 : 2.0m W x 2.6m H Fire-Rated Hollow Core Steel Double Door in Steel Jamb, w/ Clear Glass Peek Window, Complete w/ Hardware | 1 | set | | |
| D-08 : 0.90m W x 2.10m H Painted Wood Panel Door in Solid Wood Jamb, complete w/ Hardware and Acce. | 1 | set | | |
| Steel Casement Windows | | | | |
| W1: 1.7m W x 1.80m H Powder-Coated Aluminum-Framed 8mm thick Awning & Fixed Glass Window | 1 | set | | |
| W2: 4.70m W x 2.30m H Powder-Coated Aluminum-Framed 8mm thick Fixed Glass Window | 1 | set | | |
| W3: 2.50 W x 1.50m H Powder-Coated Aluminum-Framed 4.5mm thick Clear Glass sliding Window | 1 | set | | |
| W4: 0.80 W x 0.40m H Powder-Coated Aluminum-Framed 4.5mm thick Clear Glass sliding Window | 3 | set | | |
| W5: 3.25m W x 1.80m H Powder-Coated Aluminum-Framed 4.5mm thick Clear Glass Awning and Fixed Window | 1 | set | | |
| W6: 0.9m W x 1.80m H Powder-Coated Aluminum-Framed 4.5mm thick Clear Glass Awning and Fixed Window | 1 | set | | |
| W7: 1.00 W x 0.8m H Powder-Coated Aluminum-Framed 4.5mm thick Clear Glass sliding Window | 2 | set | | |
| 2) Labor | | | | |
| Skilled | 19 | days | | |
| Laborers | 19 | days | | |
| | | | Total Cost | |
| | | | Unit Cost | .00 /lot |



PROGRAM OF WORKS

| Particulars | Quantity | Unit | Unit Rate | Total Cost |
|-------------|----------|------|-----------|------------|
|-------------|----------|------|-----------|------------|

VIII. FINISHES

A) Paint Works

Quantity = - sq.m.

1) Materials

Wall Finishes

| | | |
|--|---|-----|
| Masonry Neutralizer, 4L | 0 | gal |
| Skim Coat (20kg/bag) | 0 | bag |
| Ext: Solvent-Based Acrylic Primer, 4L | 7 | gal |
| Ext: Semi-Gloss Latex Paint, 4L (Boysen Wallguard or similar) | 9 | gal |
| Int: Permatex Primer, 4L (Boysen Permatex or Similar) | 4 | gal |
| Int: Semi-gloss Latex Paint, 4L (Boysen Permacoat Latex or similar) | 4 | gal |
| Proc. Area: Paint Primer, 4L | 4 | gal |
| Proc. Area: Polyurethane Paint set with Hardener (Davies Keramikote polyurethane wall paint or similar) | 8 | gal |
| Polyurethane Reducer, 4L | 3 | gal |
| Tile Adhesive (25kg) | 5 | bag |

Floor Finish (Processing Area)

| | | |
|---|---|-----|
| Skim Coat (20kg/bag) | 7 | bag |
| Proc. Area: Paint Primer, 4L | 4 | gal |
| Processing Area: Polyurethane Paint set with Hardener (Davies Keramifloor polyurethane floor coating or similar) | 7 | gal |
| Polyurethane Reducer, 4L | 4 | gal |

Ceiling Finishes and Metal Surfaces

| | | |
|--|----|-----|
| Skim Coat (20kg/bag) | 4 | bag |
| Permatex Primer, 4L (Boysen Permatex or Similar) | 5 | gal |
| Flat latex Paint, 4L (Boysen Permacoat Latex or similar) | 10 | gal |
| Red Oxide Primer, 4L | 0 | gal |
| Quickdry Enamel Paint, 4L | 0 | gal |
| Consumables | 1 | lot |

2) Labor

| | | |
|----------|---|------|
| Skilled | 9 | days |
| Laborers | 9 | days |

Total Cost _____

Unit Cost _____

B) Tile Works

Quantity = 25.00 sq.m.

1) Materials

| | | |
|--|----|-----|
| 400mm x 400mm Polished Granite Floor Tiles | 0 | pcs |
| PVC Tile edge trim | 0 | pcs |
| 300mm x 300mm Dark Floor Tiles for CR | 0 | pcs |
| 300mm x 300mm Wall Tiles for CR | 0 | pcs |
| Wall Cladding Tiles 20cm x 120cm Wood Design | 70 | pcs |
| Tile Grout (25kg) | 0 | bag |
| Tile Adhesive (25kg) | 0 | bag |

2) Labor

| | | |
|----------|---|------|
| Skilled | 1 | days |
| Laborers | 1 | 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 | 0 | pcs | | |
| 20mm Ø PPR elbow 90 | 0 | pcs | | |
| 20mm Ø PPR tee | 0 | pcs | | |
| 20mm Ø PPR Coupling | 0 | pcs | | |
| 20mm Ø cap | 0 | pcs | | |
| Check Valve | 1 | set | | |
| Gate Valve | 2 | set | | |
| Water Meter | 1 | set | | |
| Water Faucet | 5 | set | | |
| Sanitary Line and Storm Drainage | | | | |
| 100mm Ø x 3m PVC Pipe | 0 | pcs | | |
| 100mm Ø PVC elbow, 45° | 0 | pcs | | |
| 100mm Ø PVC Clean Out w/ plug & sealing ring | 0 | pcs | | |
| 100mm Ø PVC P-trap w/ plug & sealing ring | 0 | pcs | | |
| 100mm x 100mm Stainless Steel Floor Drain w/ Strainer | 0 | set | | |
| 100mm Ø S.S. Dome Type Roof Drain | 0 | set | | |
| Fixtures and Accessories | | | | |
| ST-1000 Septic Tank Complete Set | 4 | sets | | |
| Lavatory complete Set | 2 | set | | |
| Watercloset with Flush | 1 | set | | |
| Catch Basin (70cm x 70cm) | 0 | set | | |
| Consumables | 1 | lot | | |
| 2) Labor | | | | |
| Skilled | 2 | days | | |
| Laborers | 2 | 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 | | | | |
| 6" Recessed Pin Light with glass cover, 1 - 13 watts LED Bulb | 29 | set | | |
| 2-T5 Fluorescent Lamp w/ Anonized Mirror Finish Reflector w/ glass cover, Surface Mounted | 15 | set | | |
| 16"Diameter Blade Steel Exhaust Fan with Shutter, Industrial Grade, Wall Mounted | 2 | set | | |
| 1.5HP Smart Inverter Split Type Airconditioning Unit for Office | 1 | set | | |
| 2HP Smart Inverter Split Type Airconditioning Unit for Products Outlet | 1 | set | | |
| 12"x12" Ceiling Exhaust Fan with Pipes and Vent Cap | 1 | set | | |
| Kilowatt Hour Meter | 1 | set | | |
| One gang switch, 15A, 230VAc | 3 | set | | |
| Two gang switch, 15A, 230VAc | 6 | set | | |
| Three gang switch, 15A, 230VAc | 3 | set | | |
| Electrical Wiring Device and Fittings | | | | |
| 2.0 mm ² THHN wire | 0 | l.m. | | |
| 3.5 mm ² THHN wire | 0 | l.m. | | |
| 5.5 mm ² THHN wire | 0 | l.m. | | |
| 22.0 mm ² THHN wire | 0 | l.m. | | |
| 32. 0mm RSC pipe | 0 | pcs | | |
| 20mmØ x 3.0m PVC Pipe w/ coupling | 0 | pcs | | |
| 20mmØ PVC elbow | 0 | pcs | | |
| PVC Octagonal Junction Box | 0 | pcs | | |
| 6" x 6" pvc pull box | 0 | pcs | | |
| 2" x 4" pvc utility box | 0 | pcs | | |
| Duplex Convenience Outled, Surface mounted | 0 | set | | |
| Panel Board and others | | | | |
| DP-B: Bolt on type Panel Board NEMA with Breakers MCB 100AT, 200AF, 3P, 230 V 60Hz Branches: 4 - 20AT 100AF 230V 12 - 30AT 100AF 230V | 1 | set | | |
| Consumables | 1 | lot | | |
| 2) Labor | | | | |
| Skilled | 13 | days | | |
| Laborers | 13 | 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) * 15%

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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