

PROGRAM OF WORKS

BILL OF QUANTITIES

REPAIR 2022 - R VIII -BILIRAN - 005

| School : TOMALISTIS ES | | | Date: | | | | |
|---|---|----------------|--|----------|-----------------|-----------|--|
| School I.D : 120812 | | | Budget Allocation: | | | | |
| Region : VIII | | | Engineering and Administrative Overhead: | | | | |
| Division BILIRAN | | | Approved Budget for the Contract: | | | | |
| Project Title : | | | Completion Period: | | | | |
| : PROPOSED REPAIR AND REHABILITATION OF -THREE (3) - CLASSROOM SCHOOL BUILDING (BLSB - TYPE 1) | | | Minimum Required Manpower: | | | | |
| | | | General Foreman | | Welder | Carpenter | |
| | | | Helper | | Mason | Painter | |
| Location : | | | Minimum Required Equipment: | | | | |
| : CAIBIRAN, BILIRAN | | | 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 | - | | |
| | BLDG. NO 1 : 1STRY-3CL (BLSB-TYPE1) | | | | | | |
| 8.0000 | Roofing Works | | lot | 1.00 | - | | |
| 9.0000 | Carpentry Works | | lot | 1.00 | - | | |
| 10.0000 | Electrical Works | | lot | 1.00 | - | | |
| 6.0000 | Doors and Windows | | lot | 1.00 | - | | |
| 13.0000 | Painting Works | | lot | 1.00 | - | | |
| | Ramp on Fill (with Ramp Railing) | | lot | 1.00 | - | | |
| | Sub-Total | | | | - | | |
| | II. INDIRECT COST ___% of (I) | | | | | | |
| | Overhead Expenses (___%) | | | | - | | |
| | Contingencies (___%) | | | | - | | |
| | Miscellaneous (___%) | | | | - | | |
| | Contractor's Profit (___%) | | | | - | | |
| | Sub-Total | | | | - | | |
| | III. TAX ___% of (I+II) | | | | | | |
| | Sub-Total | | | | - | | |
| | IV. TOTAL CONSTRUCTION COST (I + II + III) | 100.00% | | | - | | |

Prepared:

Contractor

PROGRAM OF WORKS

DETAILED COST ESTIMATE

PROJECT : PROPOSED REPAIR AND REHABILITATION OF -THREE (3) - CLASSROOM SCHOOL BUILDING (BLSB - TYPE 1)
 SCHOOL : TOMALISTIS ES
 LOCATION : CAIBIRAN, BILIRAN
 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 | | | | | - |
| | Safety and Health | lot | 1.00 | | | | | - |
| | Project Billboard | lot | 1.00 | | | | | - |
| | Fire Safety Inspection Certificate (FSIC) | lot | 1.00 | | | | | - |
| | Hauling cost | lot | 1.00 | | | | | - |
| | Sub-total | | | | | | | - |
| BLDG. NO 1 : 1STRY-3CL (BLSB-TYPE1) | | | | | | | | |
| 8.0000 | Roofing Works | | | | | | | |
| 8.010 | Removal of Roofing Sheets | sq m | 237.00 | | | | | - |
| | G.I. Long-Span Roofing, Corrugated, Pre-Painted, 1220mm x 0.5mm BMT | lm | 267.90 | | | | | - |
| | G.I. Flashing, Prefomed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT | pc | 12.00 | | | | | - |
| | G.I. Ridge Roll, Prefomed, Pre-Painted, 0.610m x 2.440m x 0.5mm BMT | pc | 10.50 | | | | | - |
| 9.1430 | Fascia Board, Fiber Cement 12" x 8' | pc | 33.00 | | | | | - |
| 7.1040 | L 20 x 20 x 2mm | kg | 144.00 | | | | | - |
| 7.1020 | L 38 x 38 x 4.5mm | kg | 91.50 | | | | | - |
| | 3" Flat head Countersunk screw | pc | 570.00 | | | | | - |
| 8.0900 | J-Bolt (6mm dia.) | pc | 1,590.00 | | | | | - |
| | Teckscrew 2-3/4" | pc | 2,772.00 | | | | | - |
| 8.1300 | Roof Sealant | L | 6.00 | | | | | - |
| | Sub-total | | | | | | | - |
| 9.0000 | Carpentry Works | | | | | | | |
| | <i>Trusses and Members</i> | | | | | | | |
| 9.0070 | Removal of Wooden Truss/ Beams | bd.ft | 54.00 | | | | | - |
| 9.0080 | Removal of Purlins | bd.ft | 55.50 | | | | | - |
| 9.1700 | Rough Lumber, Sun Dried, Tanguile | bd.ft | 58.50 | | | | | - |
| 4.0400 | CWN, Assorted | kg | 60.00 | | | | | - |
| 9.1900 | Wood Preservative, Brown | L | 61.50 | | | | | - |
| 7.1820 | Machine Bolts (16 mm dia.) | pc | 63.00 | | | | | - |
| | <i>Interior ceiling</i> | sq m | 153.60 | | | | | |
| 9.0100 | Removal of Ceiling | sq.m | 153.60 | | | | | - |
| 9.0500 | Plywood, Marine 1/4" x 4' x 8' | pc | 54.00 | | | | | - |
| | 50 mm x 50 mm Ceiling Joist | bd.ft | 314.98 | | | | | - |
| | 50 mm x 75 mm Ceiling Joist | bd.ft | 472.46 | | | | | - |
| 9.1700 | Rough Lumber, Sun Dried, Tanguile | bd.ft | 787.44 | | | | | - |
| 9.2100 | Finishing Nails | kg | 3.00 | | | | | - |
| 4.0400 | CWN, Assorted | kg | 15.00 | | | | | - |
| 9.2200 | Concrete Nails | kg | 3.00 | | | | | - |
| 9.1900 | Wood Preservative, Brown | L | 6.00 | | | | | - |
| | <i>Exterior Ceiling</i> | sq m | 67.44 | | | | | |
| 9.0100 | Removal of Ceiling | sq.m | 67.44 | | | | | - |
| 9.0500 | Plywood, Marine 1/4" x 4' x 8' | pc | 24.00 | | | | | - |
| | 50 mm x 50 mm Ceiling Joist | bd.ft | 219.17 | | | | | - |
| | 50 mm x 75 mm Ceiling Joist | bd.ft | 196.66 | | | | | - |
| 9.1700 | Rough Lumber, Sun Dried, Tanguile | bd.ft | 415.83 | | | | | - |
| 9.2100 | Finishing Nails | kg | 1.50 | | | | | - |
| 4.0400 | CWN, Assorted | kg | 7.50 | | | | | - |
| 9.2200 | Concrete Nails | kg | 1.50 | | | | | - |
| 9.1900 | Wood Preservative, Brown | L | 3.00 | | | | | - |
| 9.1400 | 25mm x 25mm x 300mm Wood slats @25mm clear spacing ceiling ventilation (provide stainless steel wire mesh inside) | pc | 6.00 | | | | | - |
| | <i>Blackboards</i> | | - | | | | | |
| 9.1800 | S4S Lumber, Kiln Dried, Tanguile | bd.ft | 111.00 | | | | | - |
| 9.2000 | Lawanit, 1/4" thk | pc | 6.00 | | | | | - |
| 9.2100 | Finishing Nails | kg | 1.50 | | | | | - |
| 4.0400 | CWN, Assorted | kg | 3.00 | | | | | - |
| 9.2200 | Concrete Nails | kg | 1.50 | | | | | - |
| | Sub-total | | - | | | | | - |
| 10.0000 | Electrical Works | | - | | | | | |
| | <i>Roughing-ins</i> | | - | | | | | |
| 10.0100 | Electrical Conduit uPVC, 15mmØ | pc | 36.00 | | | | | - |
| 10.0490 | RSC 20mmØ | pc | 1.50 | | | | | - |

| ITEM NO. | DESCRIPTION | UNIT | QTY | UNIT COST | | TOTAL COST | | GRAND TOTAL |
|----------------|--|-------|--------|-----------|-------|------------|-------|-------------|
| | | | | MATERIAL | LABOR | MATERIAL | LABOR | |
| 10.0800 | Entrance Cap 20mm dia. | pc | 1.50 | | | | | - |
| 10.1200 | Junction Box, 4" x 4" G.I. | pc | 12.00 | | | | | - |
| 10.1300 | Utility Box, 2" x 4" G.I. | pc | 6.00 | | | | | - |
| | Wires & Fixtures | | - | | | | | |
| 10.1600 | 3.5 mm ² THHN Wire, Stranded | m | 324.00 | | | | | - |
| 10.2700 | Duplex Convenience Outlet, Grounding Type, 20A, 250V | set | 6.00 | | | | | - |
| 10.3200 | 3 Single Pole Wall Switches in One Switch Plate (10 AMP, 230V) | set | 3.00 | | | | | - |
| 10.3610 | FL 1 x 40W Industrial Type | set | 18.00 | | | | | - |
| 10.3310 | Safety Switch 30A 2P | set | 1.50 | | | | | - |
| 10.5500 | Electrical Tape | pc | 3.00 | | | | | - |
| 10.5400 | Wall Fan, 60W, 230V, 60Hz | set | 6.00 | | | | | - |
| | Sub-total | | - | | | | | - |
| 6.0000 | Doors and Windows | | - | | | | | |
| 6.0100 | Removal of Door with Jamb | set | 3.00 | | | | | - |
| 6.0200 | Removal of Window with Jamb | sq.m | 46.50 | | | | | - |
| 6.0200 | Removal of Window with Jamb | sq.m | 7.50 | | | | | - |
| 6.0600 | Door Jamb | bd.ft | 66.00 | | | | | - |
| 6.0330 | D-2, (0.90m x 2.10m) Panel Door | set | 3.00 | | | | | - |
| 6.2000 | Hinges, Standard 3-1/2" x 3-1/2" | pa | 12.00 | | | | | - |
| 6.1900 | Entrance, Lever Lockset | set | 3.00 | | | | | - |
| 6.0700 | Window Jamb | bd.ft | 304.50 | | | | | - |
| 6.1009 | Jalousie Window with Clear Glass Blades on JalouPlus Type Silver Colored Frame | sq.ft | 332.50 | | | | | - |
| 6.1500 | Security Grilles | sq.ft | 95.12 | | | | | - |
| | Sub-total | | - | | | | | - |
| 13.0000 | Painting Works | | - | | | | | |
| | Concrete surfaces | sq.m | 150.00 | | | | | |
| 13.0100 | Neutralizer | gal | 3.00 | | | | | - |
| 13.0200 | Latex, Flat | gal | 6.00 | | | | | - |
| 13.0400 | Latex, Semi Gloss | gal | 6.00 | | | | | - |
| 13.0500 | Acri Color | qrt | 1.50 | | | | | - |
| | Interior Ceiling | sq.m | 153.60 | | | | | |
| 13.0600 | Enamel, Flatwall | gal | 9.00 | | | | | - |
| 13.0800 | Enamel, Semi Gloss | gal | 16.50 | | | | | - |
| 13.0900 | Paint Thinner | gal | 7.50 | | | | | - |
| | Exterior Ceiling | sq.m | 67.44 | | | | | |
| 13.0600 | Enamel, Flatwall | gal | 4.50 | | | | | - |
| 13.0800 | Enamel, Semi Gloss | gal | 7.50 | | | | | - |
| 13.0900 | Paint Thinner | gal | 3.00 | | | | | - |

| ITEM NO. | DESCRIPTION | UNIT | QTY | UNIT COST | | TOTAL COST | | GRAND TOTAL |
|----------|---|-------------|-------------|-----------|-------|------------|-------|-------------|
| | | | | MATERIAL | LABOR | MATERIAL | LABOR | |
| | Partition Wall | sq.m | 22.50 | | | | | |
| 13.0600 | Enamel, Flatwall | gal | 1.50 | | | | | - |
| 13.0800 | Enamel, Semi Gloss | gal | 3.00 | | | | | - |
| 13.0900 | Paint Thinner | gal | 1.50 | | | | | - |
| | Doors and Windows | sq.m | 76.50 | | | | | |
| 13.0600 | Enamel, Flatwall | gal | 4.50 | | | | | - |
| 13.0700 | Glazing Putty | gal | 4.50 | | | | | - |
| 13.0800 | Enamel, Semi Gloss | gal | 9.00 | | | | | - |
| 13.0900 | Paint Thinner | gal | 4.50 | | | | | - |
| | Sub-total | | | | | | | - |
| | Ramp on Fill (with Ramp Railing) | cu.m | 0.54 | | | | | |
| 2.0200 | Portland Cement | bag | 5.00 | | | | | - |
| 2.0400 | Crushed Gravel 1" | cu.m | 0.75 | | | | | - |
| 2.0500 | Washed Sand | cu.m | 0.50 | | | | | - |
| 5.0400 | 10mm x 6m RSB | kg | 23.28 | | | | | - |
| 3.1200 | G.I. Tie Wire | kg | 1.00 | | | | | - |
| 7.2610 | G.I. Pipe 1-1/2"Ø Sch. 40 | pc | 6.00 | | | | | - |
| 7.3600 | Welding Rod | kg | 3.00 | | | | | - |
| | Sub-total | | | | | | | - |
| | | | | | | | | |
| I. | DIRECT COST | | | | | | | - |
| II. | INDIRECT COST % of (I - Gen. Req.) | | | | | | | - |
| III. | TAX % of (I + II) | | | | | | | - |
| IV. | TOTAL CONSTRUCTION COST (I + II + III) | | | | | | | - |

Prepared by:

Contractor
