

BILL OF QUANTITIES
(Building Construction/Rehabilitation Project)

PROJECT TITLE : PROPOSED CONSTRUCTION OF TEACHERS VILLAGE EAST BARANGAY HALL
LOCATION : BARANGAY TEACHERS VILLAGE EAST, DISTRICT 4, QUEZON CITY
PROJECT NO. : 20 - 00147
DURATION : Two Hundred Forty (240) Calendar Days

SCOPE OF WORKS:

I GENERAL REQUIREMENTS

1. General Requirements include temporary facilities and utilities, billboard, scaffolding, construction safety and health, and clearing, hauling and disposal of construction materials and debris.
2. All necessary of materials testing and commisioning works shall be performed as per standard procedures.

II CONSTRUCTION OF BARANGAY HALL BUILDING

1. Site Works include layout and staking, site clearing and preparation, and earthworks.
2. Civil/Structural Works include concrete works, masonry works, metal works, and roofing works.
3. Provision of thermal and moisture protection for the entire structure.
4. Architectural Works include floor finishes, wall finishes and partitions, ceiling works, carpentry works, and painting works.
5. Installation of doors, door jambs, and windows.
6. Installation of logos and lettering.
7. Installation of sanitary/plumbing roughing-ins, equipment, fixtures and accessories.
8. Installation of electrical roughing-ins, wirings, devices and fixtures.
9. Installation of panelboard and accessories.
10. Auxiliary System Works include of Closed-Circuit Television (CCTV) System, and Telephone and Data System.
11. Installation of ventilation fans, and window -type and split- type air conditioning units.

III LAND DEVELOPMENT WORKS

1. Remove and replace existing playground.
2. Construction of flag pole.
3. Construction of sidewalk, driveway, parking area and motorcycle parking.
4. Construction of vehicular entrance and exit.
5. Construction of curb and gutter.
6. Construction of material recovery facility.
7. Supply and installation of parklights.

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|-----------|---|-------|-------|----------------------|------------|
| I | GENERAL REQUIREMENTS | | | | |
| | Billboard | 1 | unit | P | P |
| | Clearing, Hauling and Disposal of Construction Materials and Debris | 55 | t.l. | | |
| | Construction Safety and Health | 1 | unit | | |
| | Scaffolding (Rental) | 2,946 | sq.m. | | |
| | Temporary Electrical and Water Facilities | 240 | days | | |
| | Temporary Enclosure Around the Construction Area (H=2.4m) | 138 | l.m. | | |
| | | | | Direct Cost I | P |
| II | CONSTRUCTION OF BARANGAY HALL | | | | |
| 1 | SITE WORKS | | | | |
| | Site Clearing and Preparation | 481 | sq.m. | P | P |
| | Layout and Staking | 481 | sq.m. | | |
| | Excavation for Structures | | | | |
| | Footing | 213 | cu.m. | | |
| | Wall Footing | 69 | cu.m. | | |
| | Slab-on-Fill | 46 | cu.m. | | |
| | Excavation for Drainage Pipes | 83 | cu.m. | | |
| | | | | Subtotal | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|----------|---|--------|-------|------------------|------------|
| | Soil Treatment | 453 | sq.m. | P | P |
| | Gravel Bedding | 36 | cu.m. | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | Backfill and Compaction | 203 | cu.m. | P | P |
| | Backfill and Compaction for Drainage | 71 | cu.m. | | |
| | | | | Subtotal | P |
| | Hauling and Disposal of Excess Materials | 12 | cu.m. | | |
| | | | | Subtotal | P |
| | | | | Materials Cost 1 | P |
| | | | | Labor Cost 1 | |
| | | | | Direct Cost 1 | P |
| 2 | CIVIL WORKS / STRUCTURAL WORKS | | | | |
| | Concrete Works | | | | |
| | Ready Mix Concrete, 28MPa, 3/4" Gravel, 28days | | | | |
| | Footing | 42 | cu.m. | P | P |
| | Wall Footing | 29 | cu.m. | | |
| | Column | 40 | cu.m. | | |
| | Beam | 111 | cu.m. | | |
| | Slab-on-Fill | 46 | cu.m. | | |
| | Suspended Slab | 50 | cu.m. | | |
| | Stairs | 8 | cu.m. | | |
| | On Site Mix Concrete | | | | |
| | Canopy, 21 Mpa, 3/4 gravel | 1 | cu.m. | | |
| | Stiffener Beam and Column, 17 Mpa, 3/4" Gravel | 36 | cu.m. | | |
| | Reinforcing Steel Bar | | | | |
| | Grade 40 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16 | | | | |
| | 10mm Ø Reinforcing Steel Bar | | | | |
| | Wall Footing | 495 | kgs | | |
| | Column (Ties) | 2,211 | kgs | | |
| | Slab on Grade | 1,444 | kgs | | |
| | Beam (Stirrups) | 1,773 | kgs | | |
| | Suspended Slab | 11,976 | kgs | | |
| | Stairs | 257 | kgs | | |
| | Canopy | 98 | kgs | | |
| | Stiffener Beam and Column | 2,733 | kgs | | |
| | 12mm Ø Reinforcing Steel Bar | | | | |
| | Wall Footing | 376 | kgs | | |
| | Beam (Web Bars) | 693 | kgs | | |
| | Suspended Slab | 5,051 | kgs | | |
| | Stairs | 509 | kgs | | |
| | Stiffener Beam and Column | 3,412 | kgs | | |
| | Grade 60 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16 | | | | |
| | 16mm Ø Reinforcing Steel Bar | | | | |
| | Footing | 1,535 | kgs | | |
| | Column | 888 | kgs | | |
| | Beam (Main Bars) | 1,210 | kgs | | |
| | 20mm Ø Reinforcing Steel Bar | | | | |
| | Footing | 3,424 | kgs | | |
| | Column | 4,189 | kgs | | |
| | Beam (Main Bars) | 2,591 | kgs | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|--|-------|-------|-----------|------------|
| | Formworks | | | | |
| | Footing | 96 | sq.m. | | |
| | Column | 189 | sq.m. | | |
| | Beam | 339 | sq.m. | | |
| | Suspended Slab | 337 | sq.m. | | |
| | Stairs | 63 | sq.m. | | |
| | Canopy | 6 | sq.m. | | |
| D | Scaffolding and Shoring | | | | |
| | Column | 228 | l.m. | | |
| | Beam | 156 | l.m. | | |
| | Suspended Slab | 337 | sq.m. | | |
| | Stairs | 59 | sq.m. | | |
| | Canopy | 6 | sq.m. | | |
| E | Masonry Works | | | | |
| | 100mm CHB Laying including Mortar, Reinforcement and Two-Face Plastering | 2508 | sq.m. | | |
| | 150mm CHB Laying including Mortar, Reinforcement and Two-Face Plastering | 663 | sq.m. | | |
| | Floor Topping and Finishing Preparations | 46 | sq.m. | | |
| | Floor Topping Preparation for Tiles | 1367 | sq.m. | | |
| F | Thermal and Moisture Protection | | | | |
| | Vapor Barrier | 453 | sq.m. | | |
| | Cementitious Capillary Type Waterproofing | 56 | sq.m. | | |
| | Metal Works | | | | |
| | Roof Truss | | | | |
| | 63mm x 63mm x 8mm Angle Bar | 1,057 | kg | | |
| | 50mm x 50mm x 6mm Angle Bar | 2,751 | kg | | |
| | 38mm x 38mm x 5mm Angle Bar | 1,427 | kg | | |
| | 50mm x 100mm x 1.4mm Channel Bar | 606 | kg | | |
| | 12mm Ø Sagrod | 103 | kg | | |
| | 5mm thk Gusset Plate | 874 | kg | | |
| | Rafter & Stub Column | | | | |
| | 50mm x 150mm x 6mm Chanel Bar | 673 | kg | | |
| | Canopy | | kg | | |
| | 50mm x 100mm x 1.5mm Tubular bar | 106 | kg | | |
| | 50mm x 150mm x 1.5mm Tubular Bar | 235 | kg | | |
| | Railings | | | | |
| | 50mm Square Bar | 304 | kg | | |
| | 25mm Square Bar | 200 | kg | | |
| | 16mm Square Bar | 97 | kg | | |
| | 12.5mm Flat Bar | 3 | kg | | |
| | Window Railings | | | | |
| | 50mm Square Bar | 632 | kg | | |
| | 25mm Square Bar | 72 | kg | | |
| | 16mm Square Bar | 136 | kg | | |
| | Miscellaneous and Consumables | | | | |
| | Acetylene Tank Refill | 10 | tanks | | |
| | Assorted Metal Drill Bit | 10 | pcs | | |
| | Cut Off Blade | 10 | pcs | | |
| | Grinding Disc Metal | 10 | pcs | | |
| | Oxygen Tank Refill | 20 | tanks | | |
| | Welding Rod | 10 | boxes | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|----------|--|-------|-------|------------------|------------|
| | Roofing Works | | | | |
| | Pre-painted Rib Type G.I. Roofing | 391 | sq.m. | | |
| | Pre-painted G.I. Flashing | 10 | l.m. | | |
| | Pre-painted G.I. Gutter | 67 | l.m. | | |
| | Polycarbonate Roofing | 15 | sq.m. | | |
| | Stainless Wire Mesh | 15 | sq.m. | | |
| | 300mm x 12mm thick Fascia Board | 77 | l.m. | | |
| | 6mm thick Thermal Insulation, One-Sided Aluminum Foil | 391 | sq.m. | | |
| | Tekscrew | 3,910 | pcs | | |
| | Blind Rivets | 335 | pcs | | |
| | Silicon Sealant | 5 | tubes | | |
| | | | | Materials Cost 2 | P |
| | | | | Labor Cost 2 | |
| | | | | Direct Cost 2 | P |
| 3 | ARCHITECTURAL WORKS | | | | |
| | Floor Finishes | | | | |
| | 300mm x 300mm Ceramic Floor Tiles | 67 | sq.m. | | |
| | 600mm x 600mm Ceramic Tiles | 682 | sq.m. | | |
| | 600mm x 600mm Rustic Ceramic Tiles | 249 | sq.m. | | |
| | 600mm x 600mm Non-skid Ceramic Tiles (Stair Tiles) | 59 | sq.m. | | |
| | Rubber Nosing | 98 | l.m. | | |
| | Wall Partitioning and Finishes | | | | |
| | 300mm x 600mm Matte Homogenous / Porcelain Wall Tiles | 310 | sq.m. | | |
| | 20mm Thk Granite Slab Countertop | 5 | sq.m. | | |
| | 6mm Thk Facial Mirror on 6mm Thk Marine Plywood Backing including accessories | 8 | sq.m. | | |
| | PWD Comfort Room 50mm Ø Stainless Steel Grab Bar | 10 | l.m. | | |
| | 2000mm high x 10mm thk Formica Compact Post Forming Grade, High Pressure Phenolic Laminate EN438 and ISO 4586 Compliant Toilet Steel | 36 | sq.m. | | |
| | 300mm x 600mm Decorative Stone Finish | 144 | sq.m. | | |
| | Glass Partition | 6 | sq.m. | | |
| | Painting of Doors and Jambs | 178 | l.m. | | |
| | Painting of Window Openings | 307 | l.m. | | |
| | Undercountertop Cabinet including accessories, Painted Finish | 6 | l.m. | | |
| | Concrete Moulding Painted Finish | 202 | l.m. | | |
| | Ceiling Finishes | | | | |
| | 12mm Thk Gypsum Board on Metal Furring with Complete Framing and Accessories | 329 | sq.m. | | |
| | 12mm Thk Moisture Resistant Gypsum Board on Metal Furring with Complete Framing and Accessories | 106 | sq.m. | | |
| | 600mm x 600mm Acoustic Board with Complete Framing and Accessories | 274 | sq.m. | | |
| | 6mm Thk Fiber Cement Board with Complete Framing and Accessories | 119 | sq.m. | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|--|-------|-------|------------------|------------|
| | Installation of Doors | | | | |
| | D1 - 3.2m x 2.4m Aluminum Framed Double Leaf Swing Glass Door with Fixed Glass Panels (Powder Coated) | 1 | set | | |
| | D2 - 1.0m x 2.1m Panel Door, Wooden | 19 | sets | | |
| | D3 - 0.9m x 2.1m Panel Door, Wooden | 3 | sets | | |
| | D4 - 0.8m x 2.1m Panel Door, Wooden | 6 | sets | | |
| | D5 - 1.0m x 2.1m Panel Door, Wooden | 3 | sets | | |
| | D6 - 1.0m x 2.15m Powder Coated Metal Fire Door, Steel | 1 | set | | |
| | D7 - 1.5m x 2.4m Aluminum Framed Double Leaf Swing Glass Door with Fixed Glass Panels (Powder Coated), Steel | 3 | sets | | |
| | D8 - 3.2m x 2.4m Aluminum Framed Double Leaf Swing Glass Door with Fixed Glass Panels (Powder Coated) | 1 | set | | |
| | D9 - 0.9m x 2.1m Powder Coated Metal Fire Door, Steel | 2 | sets | | |
| | Door Jamb | | | | |
| | D2 - 1.0m x 2.1m Panel Door, Wooden | 99 | sets | | |
| | D3 - 0.9m x 2.1m Panel Door, Wooden | 16 | sets | | |
| | D4 - 0.8m x 2.1m Panel Door, Wooden | 30 | sets | | |
| | D5 - 1.0m x 2.1m Panel Door, Wooden | 16 | sets | | |
| | D6 - 1.0m x 2.15m Powder Coated Metal Fire Door, Steel | 6 | sets | | |
| | D9 - 0.9m x 2.1m Powder Coated Metal Fire Door, Steel | 11 | sets | | |
| | Door Hardware and Accessories | | | | |
| | Door Hinges | 102 | pcs | | |
| | Door Knob | 31 | pcs | | |
| | Installation of Windows | | | | |
| | W1- 1.8m x 1.5m Aluminum Framed Sliding Window (2 Panels, Powder Coated) | 27 | sets | | |
| | W2- 1.2m x 1.5m Aluminum Framed Sliding Window (2 Panels, Powder Coated) | 7 | sets | | |
| | W3- 0.6m x 0.6m Aluminum Framed Awning Window (1 Panel, Powder Coated) | 3 | sets | | |
| | W4- 0.625m x 0.9m Aluminum Framed Casement Window (1 Panel, Powder Coated) | 11 | sets | | |
| | W5- 1.2m x 0.6m Aluminum Framed Sliding Window (2 Panel, Powder Coated) | 1 | set | | |
| | W6- 1.175m x 4.575m Aluminum Framed Fixed Glass Panels (Powder Coated) | 4 | sets | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | Painting Works | | | | |
| | Elastomeric Paint (Exterior Walls) | 657 | sq.m. | | |
| | Flat Latex Paint | | | | |
| | Interior Walls | 2,508 | sq.m. | | |
| | Sta | 40 | sq.m. | | |
| | Ceiling | 561 | sq.m. | | |
| | Rubberized Paint Finish (Ramp and PWD Signage) | 24 | sq.m. | | |
| | Epoxy Enamel Paint (Steel Members) | 30 | sq.m. | | |
| | Fire Red Paint Finish | 20 | sq.m. | | |
| | Quick Dry Enamel (Wooden Panel Doors) | 99 | sq.m. | | |
| H | Logos and Letterings | | | | |
| | Quezon City Logo | 1 | set | | |
| | Stainless Steel Signage "SENIOR CITIZENS HALL" | 18 | sets | | |
| | Stainless Steel Signage "TEACHERS VILLAGE EAST BARANGAY HALL" | 31 | sets | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | | | | Materials Cost 3 | P |
| | | | | Labor Cost 3 | |
| | | | | Direct Cost 3 | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|--|-----|------|-----------|------------|
| 4 | SANITARY AND PLUMBING WORKS | | | | |
| | Sanitary Line / Sewer Line / Storm Drainage System | | | | |
| | 50mm Ø PVC Pipe with Hub | 57 | pcs | P | P |
| | 75mm Ø PVC Pipe with Hub | 82 | pcs | | |
| | 100mm Ø PVC Pipe with Hub | 69 | pcs | | |
| | 50mm Ø x 50mm Ø Wye | 12 | pcs | | |
| | 75mm Ø x 75mm Ø Wye | 18 | pcs | | |
| | 100mm Ø x 50mm Ø Wye | 43 | pcs | | |
| | 100mm Ø x 100mm Ø Wye | 21 | pcs | | |
| | 50mm Ø x 50mm Ø Tee | 52 | pcs | | |
| | 75mm Ø x 50mm Ø Tee | 12 | pcs | | |
| | 100mm Ø x 50mm Ø Tee | 38 | pcs | | |
| | 100mm Ø x 100mm Ø Tee | 5 | pcs | | |
| | 50mm Ø x 50mm Ø PVC 1/4 Bend | 80 | pcs | | |
| | 75mm Ø x 75mm Ø PVC 1/4 Bend | 36 | pcs | | |
| | 100mm Ø x 100mm Ø PVC 1/4 Bend | 20 | pcs | | |
| | 50mm Ø x 50mm Ø PVC 1/8 Bend | 80 | pcs | | |
| | 75mm Ø x 75mm Ø PVC 1/8 Bend | 53 | pcs | | |
| | 100mm Ø x 100mm Ø PVC 1/8 Bend | 81 | pcs | | |
| | 50mm Ø x 32mm Ø PVC Tap Tee | 20 | pcs | | |
| | 50mm Ø PVC Cleanout | 2 | pcs | | |
| | 75mm Ø PVC Cleanout | 3 | pcs | | |
| | 100mm Ø PVC Cleanout | 10 | pcs | | |
| | 50mm Ø PVC P-Trap | 43 | pcs | | |
| | Waterline System | | | | |
| | 20mm Ø PPR Pipe | 30 | pcs | | |
| | 25mm Ø PPR Pipe | 6 | pcs | | |
| | 32mm Ø PPR Pipe | 17 | pcs | | |
| | 40mm Ø PPR Pipe | 5 | pcs | | |
| | 50mm Ø PPR Pipe | 7 | pcs | | |
| | 20mm Ø x 20mm Ø Equal Tee | 20 | pcs | | |
| | 32mm Ø x 32mm Ø Equal Tee | 9 | pcs | | |
| | 25mm Ø x 20mm Ø Unequal Tee | 12 | pcs | | |
| | 32mm Ø x 25mm Ø Unequal Tee | 7 | pcs | | |
| | 25mm Ø x 20mm Ø Female Threaded Tee | 9 | pcs | | |
| | 20mm Ø x 15mm Ø Female Threaded Tee | 27 | pcs | | |
| | 20mm Ø PPR Male Adaptor | 36 | pcs | | |
| | 25mm Ø Male Adaptor | 6 | pcs | | |
| | 32mm Ø Male Adaptor | 3 | pcs | | |
| | 20mm Ø End Cap | 27 | pcs | | |
| | 25mm Ø End Cap | 10 | pcs | | |
| | 20mm Ø x 20mm Ø PPR 90° Elbow | 36 | pcs | | |
| | 25mm Ø x 25mm Ø PPR 90° Elbow | 7 | pcs | | |
| | 32mm Ø x 32mm Ø PPR 90° Elbow | 13 | pcs | | |
| | 40mm Ø x 40mm Ø PPR 90° Elbow | 3 | pcs | | |
| | 50mm Ø x 50mm Ø PPR 90° Elbow | 9 | pcs | | |
| | 20mm Ø Union Patente | 18 | pcs | | |
| | 25mm Ø Union Patente | 6 | pcs | | |
| | 32mm Ø Union Patente | 4 | pcs | | |
| | 50mm Ø Union Patente | 2 | pcs | | |
| | 20mm Ø PPR Coupling | 38 | pcs | | |
| | 25mm Ø PPR Coupling | 15 | pcs | | |
| | 32mm Ø PPR Coupling | 22 | pcs | | |
| | 40mm Ø PPR Coupling | 8 | pcs | | |
| | 50mm Ø PPR Coupling | 10 | pcs | | |
| | 32mm Ø PPR Flexible Coupling | 1 | pc | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|---|-----|-------|------------------|------------|
| | 25mm Ø x 20mm Ø PPR Reducer | 10 | pcs | | |
| | 32mm Ø x 20mm Ø PPR Reducer | 6 | pcs | | |
| | 32mm Ø x 25mm Ø PPR Reducer | 6 | pcs | | |
| | 40mm Ø x 32mm Ø PPR Reducer | 2 | pcs | | |
| | 50mm Ø x 40mm Ø PPR Reducer | 2 | pcs | | |
| | Valves & Appurtenances | | | | |
| | 20mm Ø PPR Gate Valve | 18 | pcs | | |
| | 25mm Ø PPR Gate Valve | 3 | pcs | | |
| | 32mm Ø PPR Gate Valve | 1 | pc | | |
| | 25mm Ø Check Valve | 4 | pcs | | |
| | 32mm Ø Check Valve | 1 | pc | | |
| | 32mm Ø Foot Valve w/ Strainer | 1 | pc | | |
| | 32mm Ø Water Meter | 1 | pc | | |
| | Pipe Hangers and Supports | | | | |
| | For Horizontal pipes less than 50mm Ø (2m interval) | 33 | l.m. | | |
| | For Horizontal pipes greater than Ø (1m interval) | 73 | l.m. | | |
| | Downspout Brackets | 134 | l.m. | | |
| | Fixtures (Water Efficient) | | | | |
| | Water Closet, Tank Type | 12 | sets | | |
| | Lavatory, Wall Hung | 10 | sets | | |
| | Urinal, Flush-Valve | 6 | sets | | |
| | Single Tub Kitchen Sink | 4 | sets | | |
| | Telephone Shower Set | 1 | set | | |
| | Stainless Bidet, Heavy Duty | 12 | sets | | |
| | Hose Bibb, Heavy Duty | 3 | pcs | | |
| | Stainless Lavatory Faucet | 10 | pcs | | |
| | Accessories & Hardwares | | | | |
| | Stainless Flexible Hose | 26 | pcs | | |
| | Stainless Single-Way Angle Valve | 15 | pcs | | |
| | Stainless Two-Way Angle Valve | 12 | pcs | | |
| | 5GPM Grease Trap | 4 | sets | | |
| | 100mm x 100mm Stainless Flat Floor Drain | 23 | pcs | | |
| | 100mm Ø Roof Drain | 14 | pcs | | |
| | 75mm Ø Deck Drain | 17 | pcs | | |
| | 50mm Ø Balcony Drain | 6 | pcs | | |
| | Ceramic Soap Holder | 10 | pcs | | |
| | Ceramic Toilet Tissue Holder | 10 | pcs | | |
| | 450mm x 600mm x 6mm Facial Mirror | 10 | pcs | | |
| | Miscellaneous & Consumables | | | | |
| | 400cc PVC Solvent Cement | 20 | cans | | |
| | 1000cc All Purpose Sealant | 2 | cans | | |
| | Hacksaw Blade | 5 | pcs | | |
| | Teflon Tape | 42 | rolls | | |
| | Waste Cloth | 2 | kg | | |
| | | | | Materials Cost 4 | P |
| | | | | Labor Cost 4 | |
| | | | | Direct Cost 4 | P |

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|---------|---|-------|-------|-----------|------------|
| 5 | ELECTRICAL WORKS | | | | |
| | Roughing-Ins | | | | |
| | 20mm Ø PVC Pipe | 500 | pcs | | |
| | 25mm Ø PVC Pipe | 60 | pcs | | |
| | 40mm Ø IMC Pipe | 7 | pcs | | |
| | 50mm Ø IMC Pipe | 1 | pc | | |
| | 100mm Ø IMC Pipe | 11 | pcs | | |
| | 15mm Ø Flex Metal Conduit | 270 | pcs | | |
| | 40mm Ø IMC Elbow | 4 | pcs | | |
| | 50mm Ø IMC Elbow | 2 | pcs | | |
| | 100mm Ø IMC Elbow | 4 | pcs | | |
| | 20mmØ PVC Adaptor | 1,000 | pcs | | |
| | 25mm Ø PVC Adaptor | 24 | pcs | | |
| | 20mm Ø Straight Connector | 360 | pcs | | |
| | 40mm Ø IMC Coupling | 6 | pcs | | |
| | 50mm Ø IMC Coupling | 1 | pc | | |
| | 100mm Ø IMC Coupling | 9 | pcs | | |
| | 20mm Ø PVC Locknut & Bushing | 1,000 | pairs | | |
| | 25mm Ø PVC Locknut & Bushing | 24 | pairs | | |
| | 40mmØ IMC Locknut & Bushing | 53 | pairs | | |
| | 50mmØ IMC Locknut & Bushing | 2 | pairs | | |
| | 100mmØ IMC Locknut & Bushing | 4 | pairs | | |
| | 100mm Ø Weatherproof Entrance Cap, Diecast type | 1 | pc | | |
| | 100mm x 100mm PVC Square box | 6 | pcs | | |
| | 50mm x 100mm Metal Utility Box | 246 | pcs | | |
| | 100mmx 100mm Metal Junction Box with cover | 188 | pcs | | |
| | 300mmx300mmx200mm Pullbox w/ Cover | 3 | pcs | | |
| | 20mm Ø x 3000mm Grounding Rod (Copper Clad) w/ Ground Clamp | 1 | pc | | |
| | 15mm x 250mm, Oval Eyebolt | 1 | pc | | |
| | Wires and Cables | | | | |
| | 3.5mm ² THHN Wire | 18 | rolls | | |
| | 5.5mm ² THHN Wire | 3 | rolls | | |
| | 8.0mm ² THHN Wire | 243 | l.m. | | |
| | 14mm ² THHN Wire | 45 | l.m. | | |
| | 50mm ² THHN Wire | 63 | l.m. | | |
| | 80mm ² THHN Wire | 30 | l.m. | | |
| | 250mm ² THHN Wire | 100 | l.m. | | |
| | 2.0mm ² THW Wire | 9 | rolls | | |
| | 3.5mm ² THW Wire | 2 | rolls | | |
| | 14mm ² THW Wire | 21 | l.m. | | |
| | 22mm ² THW Wire | 10 | l.m. | | |
| | 60mm ² THW Wire | 32 | l.m. | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|---|-----|------|-----------|------------|
| | Wiring Devices | | | | |
| | Convenience Outlet with Ground, One-Gang | 109 | pcs | | |
| | Convenience Outlet with ground, Plate and Cover, Duplex | 15 | pcs | | |
| | Aircon Outlet, Multipurpose outlet 250V/20A, Heavy Duty | 3 | pcs | | |
| | Weatherproof Outlet | 11 | pcs | | |
| | Switch w/ Plate & Cover, Single Pole | 25 | pcs | | |
| | Switch w/ Plate & Cover, Two Pole | 20 | pcs | | |
| | Switch w/ Plate & Cover, Three Pole | 23 | pcs | | |
| | Switch w/ Plate & Cover, Three Way | 4 | pcs | | |
| | Lighting Fixtures (Energy Efficient) | | | | |
| | Fabricated Outdoor Triangular Façade Luminaire with 2x18W LED Tube | 2 | pcs | | |
| | Outdoor Garden Lamp | 11 | pcs | | |
| | 300mm x 1200mm, 1 x 22w LED, Troffer Type, w/ Complete Accessories, Recessed Type | 4 | pcs | | |
| | 600mm x 1200mm, 2 x 22w LED, Troffer Type, w/ Complete Accessories, Recessed Type | 36 | pcs | | |
| | 1 x 36w LED, Dust Proof Cover, w/ Complete Accessories, Recessed Type | 1 | pc | | |
| | 200mm Ø. 23W Square Pinlight | 8 | pcs | | |
| | 150mm Ø 23W Square Pinlight | 90 | pcs | | |
| | 120mm Ø Pinlight w/ 9W LED Bulb | 41 | pcs | | |
| | Wall Lamp | 15 | pcs | | |
| | Emergency Light, Twinhead | 15 | pcs | | |
| | LED Exit Light Milled Aluminum Type Double-sided Face, 1.2V, 600mAh Rechargeable Ni-Cd Battery | 2 | pcs | | |
| | Pipe Hangers and Supports | | | | |
| | Horizontal Supports for every 1 m | 190 | l.m. | | |
| | Vertical Supports for every 1 m | 4 | l.m. | | |
| | Panelboards and Circuit Breakers | | | | |
| | Main Circuit Breaker (MCB) Main: 1-400AT/400AF,3P,45KAIC,230V, MCCB in NEMA 3R | 1 | assy | | |
| | Main Distribution Panel (MDP) Main: 1-400AT/400AF,3P,25KAIC,230V, MCCB in NEMA 1 Branches: 1-200AT/200AF,3P,45KAIC,230V, MCCB 2-150AT/200AF,3P,45KAIC,230V, MCCB 1-60AT/100AF,3P,45KAIC,230V, MCCB | 1 | assy | | |
| | LPPA Main: 1-200AT/200AF,3P,45KAIC,230V, MCCB in NEMA 1 Branches: 12-20AT/100AF,2P,45KAIC,230V, MCCB 7-30AT/200AF,2P,45KAIC,243V, MCCB 3-40AT/100AF,2P,45KAIC,230V, MCCB | 1 | assy | | |
| | LPPB Main: 1-150AT/200AF,3P,25KAIC,230V, MCCB in NEMA 1 Branches: 11-20AT/100AF,2P,45KAIC,230V, MCCB 3-30AT/200AF,2P,45KAIC,230V, MCCB 3-40AT/100AF,2P,45KAIC,230V, MCCB 1-70AT/100AF,2P,45KAIC,230V, MCCB | 1 | assy | | |
| | LPPC Main: 1-150AT/200AF,3P,25KAIC,240V, MCCB in NEMA 1 Branches: 10-20AT/100AF,2P,45KAIC,230V, MCCB 5-30AT/200AF,2P,45KAIC,230V, MCCB 3-40AT/100AF,2P,45KAIC,230V, MCCB | 1 | assy | | |
| | LPA Main: 1-60AT/100AF,3P,20KAIC,230V, MCCB in NEMA 1 Branches: 3-20AT/100AF,2P,45KAIC,243V, MCCB 1-30AT/200AF,2P,45KAIC,230V, MCCB | 1 | assy | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|----------|---|-----|-------|------------------|------------|
| G | Miscellaneous and Consumables | | | | |
| | 400cc, Solvent Cement | 5 | cans | | |
| | Electrical Tape | 30 | rolls | | |
| | G.I. Tie Wire (for Cable Pulling) | 7 | kgs | | |
| | Masking Tape | 5 | rolls | | |
| | Pulling Lubricant | 1 | can | | |
| | Rubber Tape | 15 | rolls | | |
| | Torch w/ Butane | 5 | sets | | |
| | | | | Materials Cost 5 | P |
| | | | | Labor Cost 5 | |
| | | | | Direct Cost 5 | P |
| 6 | AUXILIARY WORKS | | | | |
| | Telephone (Voice) and Data System | | | | |
| | Roughing-Ins | | | | |
| | 20mmØ PVC Pipe | 168 | pcs | | |
| | 40mmØ PVC Pipe | 28 | pcs | | |
| | 25mmØ IMC Pipe | 14 | pcs | | |
| | 20mmØ PVC Adaptor | 205 | pcs | | |
| | 40mmØ PVC Adaptor | 4 | pcs | | |
| | 20mmØ PVC Locknut and Bushing | 205 | pcs | | |
| | 40mmØ PVC Locknut and Bushing | 4 | pcs | | |
| | 25mmØ IMC Locknut and Bushing | 4 | pcs | | |
| | 25mmØ IMC Elbow | 4 | pcs | | |
| | 40mmØ PVC Elbow | 6 | pcs | | |
| | 25mmØ IMC Coupling | 12 | pcs | | |
| | 20mm Ø Mica Tube | 70 | l.m. | | |
| | SC, ST, LC Fiber Optic Connectors | 1 | box | | |
| | 40mmØ Weatherproof Entrance Cap, Diecast type | 1 | pc | | |
| | 50mm x 100mm PVC Utility Box | 57 | pcs | | |
| | 100mm x 100mm PVC Junction Box with cover | 24 | pcs | | |
| | 100mm x 100mm Square Box with cover | 6 | boxes | | |
| | RJ 45 Connector, 8-pins | 70 | l.m. | | |
| | Pullbox, 200mm x 200mm x 150mm | 5 | assy | | |
| | Cable Trays and terminal Cabinets Ground Strap, 3m | 4 | pcs | | |
| | Fiber Adapter Cable kits | 1 | set | | |
| | Telecom Backboard, Flame retardant | 2 | pcs | | |
| | Wires and Cables | | | | |
| | 8.0mm ² THHN Wire | 12 | l.m. | | |
| | Cat6 UTP Cable, 4 pairs | 10 | rolls | | |
| | Cat6 UTP Patch cord, 550 Mhz, 3 ft. | 70 | pcs | | |
| | Fiber Optic Cable, 2 core, Indoor/ Outdoor | 45 | l.m. | | |
| | Fiber Optic Multicore Patch Cord, 3 ft. | 4 | pcs | | |
| | 20mm Ø x 3000mm Grounding Rod (Copper Clad) w/ Ground Clamp | 1 | pc | | |
| | Wiring Devices, Equipments and Enclosures | | | | |
| | Data Connection Outlet | 44 | pcs | | |
| | Data Connection Outlet, 2 Device | 13 | pcs | | |
| | IP PBX w/ 20-lines and 120 IP extensions | 1 | unit | | |
| | Main Distribution Frame (MDF) 32U Data Rack (19") with Standard Framing & Panelling and Vent Fans 1-Rackmounted UPS, 1000VA ≥ 5 mins "on-line" 1-Fiber Patch Panel, Rackmount Preloaded, 12-port (2U) 1-Managed Fast Fiber Switch, 12-port (2U) 1-CAT6 Standard | 1 | assy | | |
| | Intermediate Distribution Frame(IDF) 16U Data Rack (19") with Standard Framing & Panelling and Vent Fans 1-CAT6 Standard-Density Feed-Thru Patch Panel, 48-port (2U) 1-44 port UTP + 4-port FTP 10/100/1000 Network Switch (3U) 1-Rackmounted UPS, 650VA ≥ 5 mi | 1 | assy | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|---|-----|-------|------------------|------------|
| | Pipe Hangers and Supports | | | | |
| | Horizontal supports for every 1 m | 70 | l.m. | | |
| | Miscellaneous & Consumables | | | | |
| | 400cc Solvent Cement | 4 | cans | | |
| | Electrical Tape | 5 | rolls | | |
| | Masking Tape | 10 | rolls | | |
| | Pulling Lubricant | 1 | can | | |
| | Rubber Tape | 5 | rolls | | |
| | Rugs | 3 | pcs | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| B | CCTV AND SECURITY SYSTEM | | | | |
| | Roughing-ins | | | | |
| | 25mm Ø PVC Pipe | 90 | pcs | | |
| | 20mm Ø Flexible Metallic Conduit, Ordinary | 20 | l.m. | | |
| | 25mm Ø PVC Adaptor | 36 | pcs | | |
| | 25mm Ø PVC Locknut & Bushing | 36 | pcs | | |
| | 20mm Ø Straight Connector with locknut | 25 | pcs | | |
| | RG-6/U Straight Connector | 24 | pcs | | |
| | RG-6/U Terminal Connector | 22 | pcs | | |
| | 100mm x 100mm Square Box with cover | 8 | box | | |
| | 100mm x 100mm Metallic Octagonal Box with cover | 11 | pcs | | |
| | Pullbox, 325mm x 200mm x 200mmD | 2 | assy | | |
| | Wires and Cables | | | | |
| | RG 6/u Coaxial Cable | 2 | rolls | | |
| | 1.25mm ² TF Wire | 4 | rolls | | |
| | 8.0mm ² THW Wire (Grounding Wire) | 12 | l.m. | | |
| | A/V (VGA and HDMI) Cables | 15 | l.m. | | |
| | Wiring Devices & Equipment | | | | |
| | HD Compact Bullet Camera (Vandal Resistant) | 6 | pcs | | |
| | HD Dome Camera (Day/Night), indoor Type | 6 | pcs | | |
| | HD Digital Video Recorded (DVR), 16-Channel with DVD Burner | 1 | units | | |
| | DVR Security Lock Box, Low Profile | 1 | assy | | |
| | Multi- Function Keyboard Controller | 1 | units | | |
| | 32" LED Display/Monitor | 1 | units | | |
| | UPS, 1000VA ≥ 5 mins "on-line" | 1 | units | | |
| | Pipe Hangers and Supports | | | | |
| | Horizontal supports for every 1 m | 37 | l.m. | | |
| | Miscellaneous & Consumables | | | | |
| | Electrical Tape | 5 | rolls | | |
| | GI Tie Wire (for cable pulling) | 3 | kgs | | |
| | Rubber Tape | 2 | rolls | | |
| | Pulling Lubricant | 1 | can | | |
| | Masking Tape | 4 | rolls | | |
| | Rugs | 5 | kg | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | | | | Materials Cost 6 | P |
| | | | | Labor Cost 6 | |
| | | | | Direct Cost 6 | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|----------|--|-----|-------|---------------------------------------|------------|
| 7 | MECHANICAL WORKS | | | | |
| | Refrigerant Pipe System | | | | |
| | 10mm Ø Copper Coil Tubing | 150 | l.m. | P | P |
| | 16mm Ø Copper Coil Tubing | 75 | l.m. | | |
| | 19mm Ø Copper Coil Tubing | 75 | l.m. | | |
| | 10mm Ø x 20mm thick Rubber Foam Insulation | 150 | l.m. | | |
| | 16mm Ø x 20mm thick Rubber Foam Insulation | 75 | l.m. | | |
| | 19mm Ø x 20mm thick Rubber Foam Insulation | 75 | l.m. | | |
| | Condensate Water Drainage System | | | | |
| | 32mm Ø x 3m uPVC Pipe | 53 | pcs | | |
| | 32mm Ø uPVC Elbow | 49 | pcs | | |
| | 32mm Ø x 12mm thick Rubber Foam Insulation | 150 | l.m. | | |
| | Ventilation System | | | | |
| | 150mm Ø x 3m PVC Pipe | 14 | pcs | | |
| | 150mm Ø Air Vent Cap | 14 | pcs | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | Equipment and Accessories | | | | |
| | EF 1 - Ceiling Mounted Ventilating Fan, 205CMH, 230V / 1ϕ / 60Hz | 14 | units | P | P |
| | CF 1 - Ceiling Fan, 0.50cms, 100W, 230V / 1ϕ / 60Hz | 8 | units | | |
| | WAC 1 - 0.75hp, 180cfm, 645W, 230V / 1ϕ / 60Hz | 2 | units | | |
| | WAC 2 - 1.0hp, 240cfm, 928W, 230V / 1ϕ / 60Hz | 1 | unit | | |
| | | | | Equipment Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | SAC 2 - Wall Mounted Split-type Air Conditioning Unit, 2.0TR | 3 | units | P | P |
| | 9.52mm Ø Liquid, 15.88mm Ø Gas & 32mm Ø Drain Pipes | | | | |
| | 600cfm, 2.2kW, 230V / 1ϕ / 60Hz | | | | |
| | SAC 3 - Ceiling Cassette Split-type Air Conditioning Unit, 3.0TR | 5 | units | | |
| | 9.52mm Ø Liquid, 19.0mm Ø Gas & 32mm Ø Drain Pipes | | | | |
| | 900cfm, 3.09kW, 230V / 1ϕ / 60Hz | | | | |
| | SAC 4 - Ceiling Cassette Split-type Air Conditioning Unit, 2.0TR | 2 | units | | |
| | 9.52mm Ø Liquid, 15.88mm Ø Gas & 32mm Ø Drain Pipes | | | | |
| | 600cfm, 2.5kW, 230V / 1ϕ / 60Hz | | | | |
| | | | | Equipment Cost | P |
| | | | | Labor Cost with Technical Supervision | |
| | | | | Subtotal | P |
| | Pipe Hangers and Supports | | | | |
| | Condensate Water Drainage System Support for Split-type ACU | 150 | l.m. | P | P |
| | Condensate Water Drainage System Support for Window-type ACU | 9 | l.m. | | |
| | Refrigerant Pipe System Support | 150 | l.m. | | |
| | Exhaust Duct System Support | 42 | l.m. | | |
| | Window Type Aircon Wall Mounted Support | 3 | unit | | |
| | ACCU Support | 10 | unit | | |
| | Vibration Isolator | 40 | pcs | | |
| | Miscellaneous & Consumables | | | | |
| | 400mL Pipe Solvent Cement | 10 | cans | | |
| | 25mm wide x 50m long Polyethylene Tape | 10 | rolls | | |
| | Brazing Rod (10pcs/box) | 5 | boxes | | |
| | Waste Cloth | 5 | kg | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | | | | Materials Cost 7 | P |
| | | | | Labor Cost 7 | |
| | | | | Direct Cost 7 | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|----------|---|-----|-------|------------------|------------|
| | FIRE PROTECTION WORKS | | | | |
| | Roughing-ins, Pipes and Fittings | | | | |
| | 100mm Ø x 6m B.I. Pipe, Schedule 40 | 7 | pcs | | |
| | 100mm Ø x 100mm Ø B.I. Tee, Weldable | 4 | pcs | | |
| | 100mm Ø B.I. 90° Elbow, Weldable | 7 | pcs | | |
| | 100mm Ø x 65mm Ø B.I. Reducer, Weldable | 4 | pcs | | |
| | Valves and Appurtenances | | | | |
| | 65mm Ø Fire Hose Valve | 5 | pcs | | |
| | Fixtures | | | | |
| | Fire Department Connection | 2 | sets | | |
| | | | | Materials Cost | ₱ |
| | | | | Labor Cost | |
| | | | | Subtotal | ₱ |
| | Pipe Hangers and Supports | | | | |
| | Hangers for 100mm Ø B.I. Pipe | 29 | l.m. | | |
| | Support for Vertical Pipes | 11 | l.m. | | |
| | Miscellaneous & Consumables | | | | |
| | 20mm Ø Masonry Drill Bit | 5 | pcs | | |
| | 20mm Ø Metal Drill Bit | 3 | pcs | | |
| | Gasket Maker | 2 | tubes | | |
| | Hacksaw Blade | 10 | pcs | | |
| | Rubber Gasket | 3 | l.m. | | |
| | Teflon Tape | 10 | rolls | | |
| | Threading Oil | 1 | gal | | |
| | Waste Cloth | 5 | kg | | |
| | Welding Rod | 5 | boxes | | |
| | | | | Materials Cost | ₱ |
| | | | | Labor Cost | |
| | | | | Subtotal | ₱ |
| | | | | Materials Cost 8 | ₱ |
| | | | | Labor Cost 8 | |
| | | | | Direct Cost 8 | ₱ |
| 9 | UTILITIES AND ANCILLARY WORKS | | | | |
| | Equipments & Accessories | | | | |
| | Pumps, Pressure Tank, Overhead Tank, & Rainwater Tanks | | | | |
| | Booster Pump Centrifugally end-section, cast-iron construction, hard plastic impeller, double mechanical seal with a capacity of 433 GPM against 100 FT. TDH, close coupled to a 1.5 HP, 220V, 3Ø, 60 Hz, high efficient motor complete with magnetic starter and other accessories needed for and or alternate operation and parallel operation | 2 | units | ₱ | ₱ |
| | Pressure Tank Stainless steel, Ga #14, 80 Gallons capacity, complete with inlet port, outlet port, drain port, pressure gauge, and pressure switch set at 20/40 psi cut-in/cut-off pressure & other accessories to complete system | 1 | set | | |
| | | | | Materials Cost | ₱ |
| | | | | Labor Cost | |
| | | | | Direct Cost | ₱ |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|------------|---|-----|-------|-------------------|--------------|
| | 460mm Ø Manhole | 4 | unit | P | P |
| | 460mm Ø Area Drain/Catch Basin | 11 | unit | | |
| | 460mm Ø Reinforced Concrete Pipe | 69 | l.m. | | |
| | Cistern Tank w/ 2m L x 1.5m W x 3.2m D dimension | 10 | cu.m. | | |
| | Septic Tank w/ 3.6m L x 2.1m W x 1.85m D | 14 | cu.m. | | |
| | | | | Direct Cost | P |
| | | | | Materials Cost 9 | P |
| | | | | Labor Cost 9 | |
| | | | | Direct Cost 9 | P |
| | | | | | |
| | | | | Materials Cost II | P |
| | | | | Labor Cost II | |
| | | | | Direct Cost II | P |
| III | LAND DEVELOPMENT WORKS | | | | |
| 1 | Construction of Road, Pathwalk & Flag Pole | | | | |
| A | Site Works | | | | |
| | Site Cleaning & Preparation | 569 | sq.m. | P | P |
| | Layout & Staking | 569 | sq.m. | | |
| | Demolition Works | | | | |
| | Demolition of Existing Part of Fence | 51 | sq.m. | | |
| | Replacement of Existing Playground | 98 | sq.m. | | |
| | Excavation | | | | |
| | Road & Pathwalk | 245 | cu.m. | | |
| | Flag Pole | 1 | cu.m. | | |
| | Removal of Existing Trees | 6 | pcs | | |
| | | | | Subtotal | P 270,820.00 |
| | Aggregate Base Course | 30 | cu.m. | P | P |
| | Aggregate Sub Base Course | 30 | cu.m. | | |
| | | | | Subtotal | P |
| | Soil Treatment | 569 | sq.m. | P | P |
| | Gravel Bedding | 1 | cu.m. | | |
| | | | | Materials Cost | P 40,161.00 |
| | | | | Labor Cost | 14,056.35 |
| | | | | Subtotal | P 54,217.35 |
| | Backfill and Compaction | 1 | cu.m. | P | P |
| | | | | Subtotal | P |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal A | P |
| B | Civil Works / Structural Works | | | | |
| | Concrete Works | | | | |
| | Ready-Mix Concrete | | | | |
| | Road & Pathwalk | 120 | cu.m. | P | P |
| | On Site Mix Concrete | | | | |
| | Ramp | 3 | cu.m. | | |
| | Wheel Stopper | 1 | cu.m. | | |
| | Flag Pole | 1 | cu.m. | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|--|-------|-------|----------------|------------|
| | Ready-Mix Concrete | | | | |
| | Curb & Gutter | 75 | l.m. | | |
| | | | | Subtotal | P |
| | Reinforcing Steel Bar | | | | |
| | Grade 40 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16 | | | | |
| | 10mm Ø Reinforcing Steel Bar (Flag Pole) | 20 | kgs | P | P |
| | Grade 60 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16 | | | | |
| | 16mm Ø Reinforcing Steel Bar (Flag Pole) | 50 | kgs | | |
| | Formworks | | | | |
| | Wheel Stopper | 8 | sq.m. | | |
| | Flag Pole | 3 | sq.m. | | |
| | Ramp | 9 | sq.m. | | |
| | Scaffolding and Shoring | | | | |
| | Flag Pole | 2 | l.m. | | |
| | Masonry Works | | | | |
| | 100mm CHB Laying including Mortar, Reinforcement and One-Face Plastering | 4 | sq.m. | | |
| | Floor Topping and Finishing Preparation | 569 | sq.m. | | |
| | Metal Works | | | | |
| | Steel Gate Fabrication | | | | |
| | G1 - 5.0m x 2.65m Folding Steel Gate (PWD GATE) | | | | |
| | 25mm x 25mm x 6mm Tubular Bar | 742 | kgs | | |
| | 50mm x 50mm x 6mm Tubular Bar | 297 | kgs | | |
| | G2 - 5.75m x 2.65m Folding Steel Gate (ENTRANCE & EXIT) | | | | |
| | 25mm x 25mm x 6mm Tubular Bar | 1,722 | kgs | | |
| | 50mm x 50mm x 6mm Tubular Bar | 714 | kgs | | |
| | Hardwares and Accesoories | | | | |
| | Barrel Bolt | 3 | sets | | |
| | Foot Bolt | 3 | sets | | |
| | Pillow Block | 18 | pcs | | |
| | Cylindrical Hinge | 18 | pcs | | |
| | Flag Pole | | | | |
| | 150mm x 75mm Tapered Pipe | 128 | kgs | | |
| | 400mm x 400mm x 25mm Base Plate | 49 | kgs | | |
| | 25mm Ø x 150mm Anchor Bolt | 13 | kgs | | |
| | Miscellaneous and Consumables | | | | |
| | Acetylene Tank Refill | 2 | tanks | | |
| | Assorted Metal Drill Bit | 2 | pcs | | |
| | Cut Off Blade | 2 | pcs | | |
| | Grinding Disc Metal | 2 | pcs | | |
| | Oxygen Tank Refill | 4 | tanks | | |
| | Welding Rod | 5 | boxes | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | | | | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal B | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|---|------|-------|-------------------------|------------|
| C | Architectural Works | | | | |
| | Floor Finish (Ramps) | | | | |
| | PWD, Entrance & Exit Vehicular Ramps | 125 | l.m. | P | P |
| | Painting Works | | | | |
| | Elastomeric Paint Finish (Exterior Wall) | | | | |
| | Flag Pole | 5 | sq.m. | | |
| | Ramp | 19.8 | sq.m. | | |
| | Perimeter Fence | 238 | sq.m. | | |
| | Epoxy Enamel Paint Finish (Steel Members) | | | | |
| | Steel Members of Vehicular Gates | 43 | sq.m. | | |
| | Perimeter Fence | 111 | sq.m. | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal C | P |
| D | Electrical Works | | | | |
| | Roughing-Ins | | | | |
| | 20mm Ø PVC Pipe | 105 | pcs | P | P |
| | 20mmØ PVC Adaptor | 50 | pcs | | |
| | 20mmØ PVC Locknut and Bushing | 50 | pcs | | |
| | 25mm Ø PVC Pipe | 40 | pcs | | |
| | 25mmØ PVC Adaptor | 40 | pcs | | |
| | 25mmØ PVC Locknut and Bushing | 40 | pcs | | |
| | 50mm x 100mm Metal Utility Box | 31 | pcs | | |
| | 100mmx 100mm Metal Junction Box with cover | 25 | pcs | | |
| | Wires and Cables | | | | |
| | 2.0mm² TW Wire | 3 | rolls | | |
| | 8.0mm² TW Wire | 9 | l.m. | | |
| | 3.5mm² THHN Wire | 5 | rolls | | |
| | 14mm² THHN Wire | 27 | l.m. | | |
| | Wiring Devices | | | | |
| | Weatherproof Outlet | 11 | pcs | | |
| | Switch w/ plate & cover, Two pole | 20 | pcs | | |
| | Lighting Fixtures | | | | |
| | Wall Lamp | 6 | pcs | | |
| | 1 x 36w LED, Dust Proof Cover, w/ Complete Accessories, Recessed Type | 2 | pcs | | |
| | Park Light | 17 | pcs | | |
| | Miscellaneous & Consumables | | | | |
| | Electrical Tape | 10 | roll | | |
| | GI Tie Wire (for cable pulling) | 5 | kgs | | |
| | Rubber Tape | 10 | rolls | | |
| | Pulling Lubricant | 1 | can | | |
| | Masking Tape | 1 | roll | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal D | P |
| | | | | Materials Cost 1 | P |
| | | | | Labor Cost 1 | |
| | | | | Direct Cost 1 | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|----------|--|-----|-------|----------------|------------|
| 2 | Construction of MRF | | | | |
| A | Site Works | | | | |
| | Site Clearing and Preparation | 23 | sq.m. | P | P |
| | Layout and Staking | 23 | sq.m. | | |
| | Excavation for Structures | | | | |
| | Footing | 4 | cu.m. | | |
| | Wall Footing | 8 | cu.m. | | |
| | | | | Subtotal | P |
| | Soil Treatment | 23 | sq.m. | P | P |
| | Gravel Bedding | 2 | cu.m. | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | Backfill and Compaction | 9 | cu.m. | P | P |
| | | | | Subtotal | P |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal A | P |
| B | Civil Works / Structural Works | | | | |
| | Concreting | | | | |
| | On-site Mix Concrete, 21MPa, 19mm Gravel, 28days | | | | |
| | Slab-on-Fill | 3 | cu.m. | P | P |
| | Wall Footing | 3 | cu.m. | | |
| | Column | 1 | cu.m. | | |
| | Beam | 1 | cu.m. | | |
| | Footing | 1 | cu.m. | | |
| | Reinforcing Steel Bar | | | | |
| | Grade 40 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16 | | | | |
| | 10mm Ø Reinforcing Steel Bar | | | | |
| | Column | 90 | kg | | |
| | Slab-on-Fill | 86 | kg | | |
| | Wall Footing | 105 | kg | | |
| | Beam | 179 | kg | | |
| | Grade 60 Reinforcing Steel Bar including G.I. Tie Wire Ga. 16 | | | | |
| | 16mm Ø Reinforcing Steel Bar | | | | |
| | Footing | 110 | kg | | |
| | Column | 180 | kg | | |
| | Beam | 170 | kg | | |
| | Formworks | | | | |
| | Column | 17 | sq.m. | | |
| | Column Footing | 5 | sq.m. | | |
| | Beam | 21 | sq.m. | | |
| | Scaffolding and Shoring | | | | |
| | Column | 18 | l.m. | | |
| | Beam | 23 | l.m. | | |
| | Masonry Works | | | | |
| | 100mm CHB Laying including Mortar, Reinforcement and One-Face Plastering | 63 | sq.m. | | |
| | Plastering of Column | 17 | sq.m. | | |
| | Plastering of Door and Window Openings | 2 | sq.m. | | |
| | Floor Topping and Finishing Preparation | 23 | sq.m. | | |
| | Thermal and Moisture Protection | | | | |
| | Vapor Barrier | 21 | sq.m. | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|---|-----|-------|----------------|------------|
| | Metal Works | | | | |
| | Fabricated Doors & Walls w/ 38mm x 38mm x 6mm Angle Bar Framing | | | | |
| | 0.9m x 2.1m Welded Mesh Screen Doors | 5 | sets | | |
| | 50mm x 50mm x 6mm THK. Welded Wire Mesh Screen on Doors | 10 | sq.m. | | |
| | Walls & Partitions w/ Angle Bar Framing | 232 | kg | | |
| | 50mm x 50mm x 6mm THK. Welded Wire Mesh Screen on Walls & Partitions | 12 | sq.m. | | |
| | Hardwares and Accesoories | | | | |
| | Barrel Bolt | 5 | sets | | |
| | Foot Bolt | 5 | sets | | |
| | Door Hinge | 15 | pcs | | |
| | Roof Framing | | | | |
| | 62.5mm x 62.5mm x 6mm Angle Bar | 155 | kgs | | |
| | 50mm x 100mm x 1.4mm Metal C-Purlin | 153 | kgs | | |
| | 12mm Ø Sag Rod | 12 | kgs | | |
| | Trusses - 62.5mm x 62.5mm x 4.7mm Angle Bar | 303 | kgs | | |
| | Trusses - 62.5mm x 62.5mm x 6mm Angle Bar | 403 | kgs | | |
| | Miscellaneous and Consumables | | | | |
| | Acetylene Tank Refill | 3 | tanks | | |
| | Assorted Metal Drill Bit | 3 | pcs | | |
| | Cut Off Blade | 2 | pcs | | |
| | Grinding Disc Metal | 2 | pcs | | |
| | Oxygen Tank Refill | 6 | tank | | |
| | Welding Rod | 2 | boxes | | |
| | Roofing Works | | | | |
| | Pre-painted Rib Type G.I. Roofing | 36 | sq.m. | | |
| | Pre-painted G.I. Flashing | 17 | l.m. | | |
| | 300mm x 12mm thick Fascia Board | 8 | l.m. | | |
| | Heat Insulation | 35 | sq.m. | | |
| | Tekscrew | 360 | pcs | | |
| | Silicon Sealant | 3 | tubes | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal B | P |
| C | Architectural Works | | | | |
| | Wall Finishes and Partitions | | | | |
| | 300mm x 600mm Decostones | 27 | sq.m. | P | P |
| | Ceiling Finishes | | | | |
| | 6mm thick Fiber Cement on metal framing w/ Complete Accessories, with Complete Framings and Accessories | 36 | sq.m. | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | Installation of Windows | | | | |
| | 1.2m x 0.6m Awning Type Glass Window on Powder Coated Aluminum Frame | 2 | sets | P | P |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|--|-----|-------|----------------|------------|
| | Painting Works | | | | |
| | Elastomeric Paint Finish (Exterior Wall) | 28 | sq.m. | P | P |
| | Flat Latex Paint Finish | | | | |
| | Interior Wall | 42 | sq.m. | | |
| | Ceiling | 34 | sq.m. | | |
| | Epoxy Enamel Paint Finish | | | | |
| | Welded Wire Mesh Doors & Partitions | 23 | sq.m. | | |
| | Red Oxide Metal Primer (Roof Framings) | 30 | sq.m. | | |
| | Logos and Letterings | | | | |
| | Stainless Steel Lettering with Neon Backlights "MATERIAL RECOVERY FACILITY" | 24 | sets | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal | P |
| | | | | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal C | P |
| D | Sanitary / Plumbing Works | | | | |
| | Waterline System | | | | |
| | 20mm Ø PPR Pipe | 3 | pcs | P | P |
| | 25mm Ø PPR Pipe | 6 | pcs | | |
| | 20mm Ø x 20mm Ø Equal Tee | 2 | pcs | | |
| | 25mm Ø x 25mm Ø Equal Tee | 1 | pc | | |
| | 20mm Ø x 15mm Ø Female Threaded Tee | 2 | pcs | | |
| | 20mm Ø PPR Male Adaptor | 2 | pcs | | |
| | 20mm Ø End Cap | 1 | pc | | |
| | 20mm Ø x 20mm Ø PPR 90° Elbow | 6 | pcs | | |
| | 25mm Ø x 25mm Ø PPR 90° Elbow | 4 | pcs | | |
| | 20mm Ø Union Patente | 1 | pcs | | |
| | 20mm Ø PPR Coupling | 4 | pcs | | |
| | 25mm Ø PPR Coupling | 2 | pcs | | |
| | 25mm Ø x 20mm Ø PPR Reducer | 2 | pcs | | |
| | Valves & Appurtenances | | | | |
| | 20mm Ø PPR Gate Valve | 1 | pc | | |
| | Fixtures (Water Efficient) | | | | |
| | Hose Bibb, Heavy-duty | 1 | pc | | |
| | Miscellaneous & Consumables | | | | |
| | Hacksaw Blade | 1 | pcs | | |
| | Teflon Tape | 3 | rolls | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal D | P |
| E | Electrical Works | | | | |
| | Roughing-Ins | | | | |
| | 20mm Ø PVC Pipe | 25 | pcs | | |
| | 20mmØ PVC Adaptor | 12 | pcs | | |
| | 20mmØ PVC Locknut and Bushing | 12 | pcs | | |
| | 50mm x 100mm Metal Utility Box | 1 | pc | | |
| | 100mmx 100mm Metal Junction Box with cover | 4 | pcs | | |
| | Wires and Cables | | | | |
| | 3.5mm² TW Wire | 1 | roll | | |
| | 5.5mm² THHN Wire | 1 | roll | | |
| | Wiring Devices | | | | |
| | Weatherproof Outlet | 2 | pcs | | |
| | Switch w/ Plate & Cover, Two Pole | 1 | pc | | |

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | QTY | UNIT | UNIT COST | TOTAL COST |
|---------|---|-----|-------|---------------------------|------------|
| | Lighting Fixtures | | | | |
| | Wall Lamp | 2 | pcs | | |
| | 1 x 36w LED, Dust Proof Cover, w/ Complete Accessories, Recessed Type | 2 | pcs | | |
| | Miscellaneous & Consumables | | | | |
| | Electrical Tape | 7 | rolls | | |
| | G.I. Tie Wire (for Cable Pulling) | 1 | kg | | |
| | Rubber Tape | 2 | rolls | | |
| | Masking Tape | 4 | rolls | | |
| | | | | Materials Cost | P |
| | | | | Labor Cost | |
| | | | | Subtotal E | P |
| | | | | | |
| | | | | Materials Cost 2 | P |
| | | | | Labor Cost 2 | |
| | | | | Direct Cost 2 | P |
| | | | | | |
| | | | | Materials Cost III | P |
| | | | | Labor Cost III | |
| | | | | Direct Cost III | P |

SUMMARY

| ITEM NO | WORK DESCRIPTION AND SCOPE OF WORKS | AMOUNT |
|---------|--|----------|
| I | GENERAL REQUIREMENTS | P |
| II | BARANGAY HALL BUILDING | |
| III | LAND DEVELOPMENT WORKS | |
| | TOTAL DIRECT COST | P |
| | Overhead, Contingencies and Miscellaneous Expenses (OCM) | |
| | Profit | |
| | VAT | |
| | TOTAL ESTIMATED COST | P |

PROJECT TITLE: PROPOSED CONSTRUCTION OF TEACHERS VILLAGE EAST BARANGAY HALL

LOCATION : BARANGAY TEACHERS VILLAGE EAST, DISTRICT 4, QUEZON CITY

PROJECT NO. : 20 - 00147

DURATION : Two Hundred Forty (240) Calendar Days

BREAKDOWN OF COST

| ITEM NO. | WORK DESCRIPTION | MATERIALS COST | LABOR COST | INDIRECT COST | AGGREGATE COST |
|-----------------|-------------------------------|-----------------------|-------------------|----------------------|-----------------------|
| I | GENERAL REQUIREMENTS | | | | |
| II | CONSTRUCTION OF BARANGAY HALL | | | | |
| III | LAND DEVELOPMENT WORKS | | | | |

TOTAL COST P _____

LUMP SUM BID IN WORDS : _____

Contractor : _____