



REPUBLIC OF THE PHILIPPINES  
Department of Health  
**NATIONAL CENTER FOR MENTAL HEALTH**  
Nueve de Febrero Street, Mandaluyong City, Philippines  
**BIDS AND AWARDS COMMITTEE**



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**SECTION VIII**  
**Bill of Quantities**  
**(INFRA – IB NO. 003 – 2024)**

**Public Bidding for Infrastructure Project No. 03-2024 - Repair and Rehabilitation of Pavilion 5 Pantry and Pantry Office - Phase 1 CY 2024**

| ITEM NO. | DESCRIPTION  | QUANTITY  | UNIT  | UNIT COST | AMOUNT |
|----------|--|-----------|-------|-----------|--------|
| <b>1</b> | <b>GENERAL REQUIREMENTS</b>  |           |       |           |        |
|          | a. Mobilization  | 1.00      | lot   |           |        |
|          | b. Temporary facility  | 1.00      | lot   |           |        |
|          | c. 8' x 8' COA Billboard   | 1.00      | pc.   |           |        |
|          | d. 4' x 8' Project Tarpaulin   | 1.00      | pc.   |           |        |
|          | e. 1/2" Plywood  | 4.00      | pc.   |           |        |
|          | f. Lumber, Assorted  | 5.00      | bd.ft |           |        |
|          | g. Common Wire Nails, Assorted   | 2.00      | kg.   |           |        |
|          | h. Safety Signages   | 1.00      | lot   |           |        |
|          |  | SUB-TOTAL |       |           |        |
| <b>2</b> | <b>DEMOLITION WORKS</b>  |           |       |           |        |
|          | a. Demolition of existing walls and other partitions including existing wall finishes                            | 265.00    | sq.m  |           |        |
|          | b. Demolition of Existing Ceiling Including Electrical Wirings and other Electronic Devices                      | 310.00    | sq.m  |           |        |
|          | c. Demolition of Existing floor slab (above footings and footing tie beams only) and concrete hand washing sinks | 63.00     | sq.m  |           |        |
|          | d. Chipping of existing floor finishes   | 51.00     | sq.m  |           |        |
|          | e. Demolition of Existing roofing system   | 325.00    | sq.m  |           |        |
|          |  | SUB-TOTAL |       |           |        |
| <b>3</b> | <b>EARTH WORKS</b>   |           |       |           |        |
|          | a. Excavation (adobe soil)   | 50.00     | cu.m  |           |        |
|          | b. Gravel 3/4  | 4.50      | cu.m  |           |        |
|          | c. Soil Poisoning  | 85.00     | sq.m  |           |        |
|          | d. Backfilling   | 13.00     | cu.m  |           |        |

Signature of Authorized Representative:

|          |   |          |           |  |
|----------|---|----------|-----------|--|
| <b>4</b> | <b>CONCRETE WORKS</b>   |          |           |  |
|          | a. Concrete, 4500 psi   | 40.00    | cu.m      |  |
|          | b. Concrete, 3500 psi   | 4.00     | cu.m      |  |
|          | c. 16mm Ø Deformed Steel Bars. Gr. 60                                   | 7,500.00 | kg        |  |
|          | d. 10mm Ø Deformed Steel Bars. Gr. 40                                   | 2,000.00 | kg        |  |
|          | e. #16 G.I. Tie Wire  | 130.00   | kg        |  |
|          | f. Formworks  | 370.00   | sq.m      |  |
|          | g. Common Wire Nails, Assorted  | 6.00     | kg.       |  |
|          |   |          | SUB-TOTAL |  |
| <b>5</b> | <b>MASONRY WORKS</b>  |          |           |  |
|          | a. 6" CHB   | 3,100.00 | pc.       |  |
|          | b. 4" CHB   | 100.00   | pc.       |  |
|          | c. Decorative Louver Blocks   | 400.00   | pc.       |  |
|          | d. #16 G.I. Tie Wire  | 40.00    | kg.       |  |
|          | e. Nylon String   | 6.00     | roll      |  |
|          | f. Concrete Nail, Assorted  | 8.00     | kg.       |  |
|          | g. Cement   | 385.00   | bag       |  |
|          | h. Sand   | 39.81    | cu.m      |  |
|          | i. 10mm Ø Deformed Steel Bars. Gr. 40                                   | 1,150.00 | kg        |  |
|          | j. Cementitious Waterproofing (parapet wall and bathrooms)              | 23.00    | gal       |  |
|          |   |          | SUB-TOTAL |  |
| <b>6</b> | <b>SEPTIC TANK</b>  |          |           |  |
|          | a. 6" CHB   | 700.00   | pc.       |  |
|          | b. Sand   | 3.00     | cu.m      |  |
|          | c. Cement   | 45.00    | pcs       |  |
|          | d. 10mm Ø Deformed Steel Bars. Gr. 40                                   | 120.00   | kg        |  |
|          | e. 6" PVC Pipe Series 1000 (3m)   | 2.00     | pcs       |  |
|          | f. 6" PVC Clean- Out Adapter & Plug                                     | 3.00     | pc.       |  |
|          | g. Cementitious Waterproofing   | 5.00     | gal       |  |
|          | h. PVC Tee 6"   | 7.00     | pcs       |  |
|          | i. Solvent  | 3.00     | ltr       |  |
|          | j. # 16 GI Tie Wire   | 5.00     | kg        |  |
|          |   |          | SUB-TOTAL |  |
| <b>7</b> | <b>ROOFING SYSTEM WORKS AND OTHER STEEL WORKS AND OTHER STEEL WORKS</b> |          |           |  |
|          | a. 400mm x 400mm x 16mm Thick MS Plate w/ 4-14mmØ Hole, A36             | 11.00    | pcs       |  |
|          | b. 250mm x 250mm x 16mm Thick MS Plate w/ 4-14mmØ Hole, A36             | 25.00    | pcs       |  |
|          | c. 12mmØ - 100mm Anchor Bolts, A307, Complete with Accessories          | 80.00    | pcs       |  |
|          | d. 12mmØ - 100mm Chemical Bolts, A307, Complete with Accessories        | 64.00    | pcs       |  |
|          | e. 2" x 3" x 3.0mm X 6m BI Tubular                                      | 65.00    | pcs       |  |
|          | f. 2" x 2" x 2.0mm x 6m BI Tubular                                      | 35.00    | pcs       |  |

|          |   |          |     |           |  |
|----------|---|----------|-----|-----------|--|
|          | g. 2" x 3" x 2.0mm x 6m GI Tubular                                  | 110.00   | pcs |           |  |
|          | h. 2" x 6" x 1.5mm GI C - Purlins                                   | 28.00    | pcs |           |  |
|          | i. 6mm Thick stiffener plates                                       | 35.00    | kg  |           |  |
|          | j. 0.5mm Thick GI Sheet Fascia Flashing, 18" x 8'                   | 60.00    | pcs |           |  |
|          | k. 0.5mm Thick GI Sheet RibType Roofing                             | 380.00   | lm  |           |  |
|          | l. 0.5mm Thick GI Sheet End Wall Flashing, 30"x 8'                  | 20.00    | pcs |           |  |
|          | m. 10mm Thick Double Sided Insulation Foam                          | 380.00   | lm  |           |  |
|          | n. Silicone Sealant   | 500.00   | pcs |           |  |
|          | o. Welding Rod, assorted  | 185.00   | kg  |           |  |
|          | p. Elastomeric Roof Sealant, 1L                                     | 35.00    | pcs |           |  |
|          | q. Polytuff w/ Hardener   | 25.00    | pcs |           |  |
|          | r. Drill Bit, Assorted  | 250.00   | pcs |           |  |
|          | s. Grinding Disc  | 85.00    | pcs |           |  |
|          | t. Cutting Disc, 4"   | 55.00    | pcs |           |  |
|          | u. Cut - Off Disc, 14"  | 25.00    | pcs |           |  |
|          | v. Tek Srew 2 1/2"  | 2,875.00 | pcs |           |  |
|          | w. Blind Rivets   | 100.00   | box |           |  |
|          |   |          |     | SUB-TOTAL |  |
| <b>8</b> | <b>ELECTRICAL SYSTEM WORKS</b>                                      |          |     |           |  |
|          | a. 2x18W Led Tube, Louverized, Complete with Accessories            | 36.00    | set |           |  |
|          | b. 12W Led Downlight, Recessed, Complete with Necessary Accessories | 1.00     | set |           |  |
|          | c. THHN Wire #12 AWG (150m)   | 2.00     | box |           |  |
|          | d. Duplex Universal Outlet with Ground                              | 11.00    | pc. |           |  |
|          | e. 3 Gang switch  | 5.00     | set |           |  |
|          | f. 2 Gang switch  | 4.00     | set |           |  |
|          | g. 1 Gang switch  | 12.00    | set |           |  |
|          | h. 75A Two-phase Circuit Breaker bolt-on type                       | 1.00     | pcs |           |  |
|          | i. 30A Circuit Breaker bolt-on type                                 | 5.00     | pcs |           |  |
|          | j. 20A Circuit Breaker bolt-on type                                 | 1.00     | pcs |           |  |
|          | k. Panel board, 8-branch  | 1.00     | pcs |           |  |
|          | l. 5/8" Copper Weld Ground Rod (2.4 m rod), Complete set            | 1.00     | pcs |           |  |
|          | m. 3/4" PVC Conduit Pipe (3m)                                       | 100.00   | pcs |           |  |
|          | n. Junction Box   | 25.00    | pcs |           |  |
|          | o. Utility Box  | 32.00    | pcs |           |  |
|          | p. Electrical Tape  | 10.00    | pcs |           |  |
|          | q. All purpose adhesive   | 10.00    | pcs |           |  |
|          | r. 10" Ceiling Mounted exhaust fan                                  | 11.00    | pcs |           |  |
|          | s. 16" Mounted Ceiling fan  | 6.00     | pcs |           |  |
|          |   |          |     | SUB-TOTAL |  |

|          |  |        |     |  |  |
|----------|--|--------|-----|--|--|
| <b>9</b> | <b>PLUMBING SYSTEM WORKS</b>                           |        |     |  |  |
|          | a. 1/2" (inches) PPR Pipe PN 20                        | 110.00 | pc. |  |  |
|          | b. 1/2" (inches) PPR Coupling                          | 60.00  | pc. |  |  |
|          | c. 1/2" (inches) PPR Elbow                             | 130.00 | pc. |  |  |
|          | d. 1/2" (inches) PPR Tee                               | 20.00  | pc. |  |  |
|          | e. 1/2" (inches) PPR Elbow with Thread                 | 40.00  | pc. |  |  |
|          | f. 1/2" (inches) PPR Tee with Thread                   | 15.00  | pc. |  |  |
|          | g. 1/2" (inches) PPR Female Adaptor                    | 30.00  | pc. |  |  |
|          | h. 3/4" (inches) x 1/2" (inches) PPR Elbow Reducer     | 25.00  | pc. |  |  |
|          | i. 3/4" (inches) x 1/2" (inches) PPR Coupling Reducer  | 5.00   | pc. |  |  |
|          | j. 3/4" (inches) PPR Elbow                             | 15.00  | pc. |  |  |
|          | k. 3/4" (inches) PPR Tee                               | 25.00  | pc. |  |  |
|          | l. 3/4" (inches) PPR Male Adaptor                      | 30.00  | pc. |  |  |
|          | m. 3/4" (inches) PPR Coupling                          | 20.00  | pc. |  |  |
|          | n. 3/4" (inches) PPR Pipe PN 20                        | 32.00  | pc. |  |  |
|          | o. 2" (inches) PVC Pipe series 600                     | 18.00  | pc. |  |  |
|          | p. 2" (inches) PVC Coupling                            | 10.00  | pc. |  |  |
|          | q. 2" (inches) PVC Elbow Bend 45° DH                   | 80.00  | pc. |  |  |
|          | r. 2" (inches) PVC Elbow Bend 90° DH                   | 15.00  | pc. |  |  |
|          | s. 2" (inches) PVC Tee                                 | 25.00  | pc. |  |  |
|          | t. 2" (inches) PVC Cross Tee                           | 5.00   | pc. |  |  |
|          | u. 2" (inches) PVC P-Trap                              | 25.00  | pc. |  |  |
|          | v. 2" (inches) PVC P-Trap w/ Clean-out                 | 16.00  | pc. |  |  |
|          | w. 4" (inches) PVC Pipe Series 600                     | 32.00  | pc. |  |  |
|          | x. 4" (inches) PVC Coupling                            | 20.00  | pc. |  |  |
|          | y. 4" (inches) PVC Elbow Bend 45° DH                   | 28.00  | pc. |  |  |
|          | z. 4" (inches) PVC Wye                                 | 15.00  | pc. |  |  |
|          | aa. 4" (inches) x 2" (inches) PVC Wye Reducer          | 45.00  | pc. |  |  |
|          | ab. 4" (inches) x 2" (inches) PVC Tee Reducer          | 10.00  | pc. |  |  |
|          | ac. 4" (inches) x 2" (inches) PVC Elbow Reducer        | 15.00  | pc. |  |  |
|          | ad. 4" (inches) PVC Clean-Out Adapter and Plug         | 1.00   | pc. |  |  |
|          | ae. 4" (inches) Brass Floor Clean-Out Adapter and Plug | 2.00   | pc. |  |  |
|          | af. 6" (inches) PVC Pipe Series 1000                   | 18.00  | pc. |  |  |
|          | ag. 6" (inches) PVC Coupling                           | 10.00  | pc. |  |  |
|          | ah. 6" (inches) PVC Elbow Bend 45°                     | 15.00  | pc. |  |  |
|          | ai. 6" (inches) PVC Wye                                | 8.00   | pc. |  |  |
|          | aj. 6" (inches) x 4" (inches) PVC Wye                  | 15.00  | pc. |  |  |
|          | ak. 6" (inches) PVC Clean- Out Adapter & Plug          | 1.00   | pc. |  |  |
|          | al. 6" (inches) Brass Floor Clean- Out Adapter & Plug  | 2.00   | pc. |  |  |
|          | am. 3/4" (inches) G.I. C-Clamp                         | 50.00  | pc. |  |  |
|          | an. 1/2" (inches) G.I. C-Clamp                         | 100.00 | pc. |  |  |

Signature of Authorized Representative:

|           |   |       |      |           |  |
|-----------|---|-------|------|-----------|--|
|           | ao. Shut off valve, LP w/o Screw 3/4" (inches)  | 1.00  | pc.  |           |  |
|           | ap. Solvent Cement 400cc  | 25.00 | can  |           |  |
|           | aq.PPR Ball Valve, Pn 20 Series, 3/4" (inches)  | 18.00 | pc.  |           |  |
|           | ar. Teflon Tape   | 25.00 | pc.  |           |  |
|           | as. Floor Drain 4" (inches), stainless steel  | 25.00 | pc.  |           |  |
|           | at.Angle valve 2 way 1/2" (inches) x 1/2" (inches)  | 1.00  | pc.  |           |  |
|           | au.Angle valve Single way 1/2" (inches) x 1/2" (inches)   | 1.00  | pc.  |           |  |
|           | av.Check Valve  | 1.00  | pc.  |           |  |
|           | aw. High Grade Stainless Chrome Wall Mounted Faucet, Complete with Necessary Accessories.                           | 31.00 | set  |           |  |
|           | ax.High Grade Pail Flush Toilet, 535mm x 360mm x 368mm, screwed to floor slab, Complete with Necessary accessories. | 8.00  | set  |           |  |
|           | ay. 400mm Wall Hung Ceramic Lavatory Sink and Stainless Faucet and P-trap w/ Complete Accessories                   | 1.00  | set  |           |  |
|           | az. One Piece Glossy Water Closet L750mm x W390mm x D740mm w/ Complete Necessary Accessories                        | 1.00  | set  |           |  |
|           | aaa. Stainless Toilet Hand Held Spray, Complete with Necessary Accessories  | 1.00  | set  |           |  |
|           |   |       |      | SUB-TOTAL |  |
| <b>10</b> | <b>PAINTING WORKS</b>   |       |      |           |  |
|           | e. 4" Paint Brush   | 10.00 | pcs  |           |  |
|           | f. 3" Paint Brush   | 10.00 | pcs  |           |  |
|           | g. 2" Paint Brush   | 10.00 | pcs  |           |  |
|           | h. 7" Roller Brush  | 10.00 | pcs  |           |  |
|           | i. 4" Roller Brush  | 10.00 | pcs  |           |  |
|           | j. Sand Paper, Assorted   | 30.00 | doz. |           |  |
|           | k. Stopa Rug  | 17.00 | kg   |           |  |
|           | l. Masking Tape   | 50.00 | pcs  |           |  |
|           | m. Paleta   | 25.00 | pair |           |  |
|           | a. Epoxy Primer, Gray   | 50.00 | gal  |           |  |
|           | b. Paint Thinner  | 25.00 | gal  |           |  |
|           | c. QDE Black  | 50.00 | gal  |           |  |
|           | d. Lacquer Thinner  | 25.00 | gal  |           |  |
|           |   |       |      | SUB-TOTAL |  |
| <b>11</b> | <b>PROVISIONAL ITEM</b>   |       |      |           |  |
|           | a. Provisional Materials' Quantities  | 1.00  | lot  |           |  |
|           | b. Preparation of As-Built Plans  | 1.00  | lot  |           |  |
|           | c. Materials testing (Deformed bars and concrete)   | 1.00  | lot  |           |  |

Signature of Authorized Representative:

|           |                                    |                           |           |  |                     |
|-----------|------------------------------------|---------------------------|-----------|--|---------------------|
|           |                                    |                           | SUB-TOTAL |  |                     |
| <b>12</b> | <b>CLEARING/GRUBBING/HAULING</b>   |                           |           |  |                     |
|           | a. Demobilization/Site Clearing    | 1.00                      | lot       |  |                     |
|           | b. Hauling of Demolished Materials | 1.00                      | lot       |  |                     |
|           | c. Restoration of affected area    | 1.00                      | lot       |  |                     |
|           |                                    |                           | SUB-TOTAL |  |                     |
|           |                                    | <b>TOTAL PROJECT COST</b> |           |  | <b>6,487,983.67</b> |

Submitted by:

Date: \_\_\_\_\_

\_\_\_\_\_  
Name and Signature of Bidders Authorized Representative

\_\_\_\_\_  
Position

\_\_\_\_\_  
Name of Bidder

|   |
|---|
| Signature of Authorized Representative: |
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