



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



Telephone No. 531-9001 loc. 239

Telefax No. 5318318

E-mail: bacncmh@yahoo.com

Website: www.ncmh.gov.ph

**SECTION VIII**  
**Bill of Quantities**  
**(INFRA – IB NO. 005 – 2024)**

**Public Bidding for Infrastructure Project No. 05-2024 - Construction of  
Aged Care and Wellness Building CY 2024 - 360 Calendar Days**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT	UNIT COST	AMOUNT
		<i>A</i>		<i>B</i> <i>(from DIPA)</i>	<i>C = A x B</i>
<b>A</b>	<b>GENERAL REQUIREMENTS</b>				
1	Mobilization	1.00	lot		
2	Construction of Temporary Facilities (Barracks, Storage Area, Working/Fabrication Area, Temporary Septic Tank, Site Enclosure & Access and etc.) with Installation of Electrical and Water Temporary Sub - meter	50.00	sq.m		
3	Fabrication and Installation of the required 8 feet by 8 feet Commission on Audit (COA) Billboard w/ backing and stand, Complete with Necessary Accessories	1.00	lot		
4	Fabrication and Installation of the required 4 feet by 8 feet Project Billboard w/ backing and stand, Complete with Necessary Accessories	1.00	lot		
5	Installation of the Required Construction Safety Signages on all necessary areas	1.00	lot		
<b>SUB -TOTAL (A)</b>					
<b>B</b>	<b>DEMOLITION WORKS</b>				
1	Demolition of Existing Structure (Canteen Area and Storage Room)	80.00	sq.m		
2	Demolition of Existing Public Comfort Room	30.00	sq.m		
3	Clearing of Shrubs and Other Vegetation and Trimming of Tree Branches.	1.00	lot		
<b>SUB -TOTAL (B)</b>					
<b>C</b>	<b>EARTHWORKS</b>				
1	Excavation Works (Adobe Soil)	800.00	cu.m		
2	Application of Gravel Bedding (3/4")	100.00	cu.m		
3	Application Soil Poisoning	2,250.00	sq.m		
4	Backfilling	3,570.00	cu.m		
5	Soil Compaction	1,800.00	sq.m		

<b>SUB -TOTAL (C)</b>			
<b>D</b>	<b>CONCRETE WORKS</b>		
1	Fabrication and Installation of Reinforced Concrete Isolated Footings, 4500 psi	70.00	cu.m
2	Fabrication and Installation of Reinforced Concrete Wall Footings, 3500 psi	10.00	cu.m
3	Fabrication and Installation of Reinforced Concrete Columns, 4500 psi	85.00	cu.m
4	Fabrication and Installation of Reinforced Concrete Footing Tie Beams, 4500 psi	25.00	cu.m
5	Fabrication and Installation of Reinforced Concrete Grade Beams, 4500 psi	50.00	cu.m
6	Fabrication and Installation of Reinforced Concrete Roof Beams, 4500 psi	50.00	cu.m
7	Fabrication and Installation of Reinforced Concrete Slab on Grade (Main Building and Exterior Grounds), 3500 psi	170.00	cu.m
8	Fabrication and Installation of Reinforced Concrete Lintel Beams (3500psi, Class A)	15.00	cu.m
9	Fabrication and Installation of Reinforced Concrete Canopies (3500psi, Class A)	4.00	cu.m
10	Fabrication and Installation of Reinforced Concrete PWD Ramps (3500psi, Class A)	3.00	cu.m
<b>SUB -TOTAL (D)</b>			
<b>E</b>	<b>MASONRY WORKS</b>		
1	Construction of Plastered Exterior Masonry Walls as per plan specifications	650.00	sq.m
2	Construction of Plastered Interior Masonry Walls as per plan specifications	1,200.00	sq.m
3	Construction of Footing Tie Beam Masonry Stem Walls as per plan specifications	275.00	sq.m
4	Construction of Plastered Masonry Toilet Partition Walls as per plan specifications	60.00	sq.m
5	Construction of Plastered Masonry Parapet Walls as per plan specifications	285.00	sq.m
6	Other Provisionary Hardware Accessories and Materials for Masonry Works	1.00	lot
<b>SUB -TOTAL (E)</b>			
<b>F</b>	<b>STRUCTURAL STEEL AND ROOFING WORKS</b>		
1	Fabrication and Installation of Roofing Trusses, Rafters, Purlins and Other Roof Framing Elements that will complete the system	1,800.00	sq.m
2	Installation of the Required Roofing Sheet, End wall/Fascia Flashing, Gutters and Spandrel Eaves, Complete with Necessary accessories	1,800.00	sq.m
<b>SUB -TOTAL (F)</b>			
<b>G</b>	<b>CEILING SYSTEM WORKS</b>		
1	Installation and Fabrication of the Required Suspended Ceiling System as per plan specifications, Complete with Necessary Accessories	1,900.00	sq.m
<b>SUB -TOTAL (G)</b>			

<b>H</b>	<b>ELECTRICAL SYSTEM WORKS</b>				
1	Installation of Electrical Rough - ins as per plan requirement and specifications	1.00	lot		
2	Installation of Electrical Wiring and Conductors as per plan requirement and specifications	1.00	lot		
3	Installation of Circuit Protection (Panel Board and Breakers) as per plan requirement and specifications	1.00	lot		
4	Installation of Electrical Devices, Lighting Fixtures and Switches as per plan requirement and specifications.	1.00	lot		
5	Installation of Service Entrance/Main Electrical Supply as per plan requirements and specification, Complete with Necessary Accessories	1.00	lot		
6	Transfer of NCMH Owned 200kVA of Generator Set with Supply and Installation of Automatic Transfer Switch and Wiring as per plan requirements and specifications, Complete with Necessary Accessories.	1.00	lot		
7	Installation of Service Drop/ Transformer as per plan requirements and specification, Complete with Necessary Accessories	1.00	lot		
<b>SUB -TOTAL (H)</b>					
<b>I</b>	<b>PLUMBING SYSTEM WORKS</b>				
1	Installation of Water Supply Lines, Complete with Necessary Accessories	1,800.00	sq.m		
2	Installation of Drain, Waste and Vent Lines, Complete with Necessary Accessories	1,800.00	sq.m		
3	Installation of Plumbing Fixtures (Showers, Toilet, Faucet, Sink, Urinal and etc.), Complete with Necessary Accessories	1,800.00	sq.m		
<b>SUB -TOTAL (I)</b>					
<b>J</b>	<b>TILING WORKS</b>				
1	Installation of Offices Floor Tiles, Complete with Necessary Accessories, F1	260.00	sq.m		
2	Installation of Patient's Ward Floor Tiles, Treatment Area, and Observation Room, Complete with Necessary Accessories, F4	725.00	sq.m		
3	Installation of Hallway and Common Area Floor Tiles, Complete with Necessary Accessories, F1 and F2	225.00	sq.m		
4	Installation of Offices Comfort Room Floor Tiles, Complete with Necessary Accessories, F3	50.00	sq.m		
5	Installation of Patients Ward Comfort Room Floor Tiles, Complete with Necessary Accessories, F4	125.00	sq.m		
6	Installation of Offices Comfort Room Wall Tiles, Complete with Necessary Accessories	175.00	sq.m		
7	Installation of Patients Ward Comfort Room Wall Tiles, Complete with Necessary Accessories	425.00	sq.m		
8	Installation of Outdoor Non - Skid Terrazo Tiles as per plan specifications, Complete with Necessary Accessories, F5	175.00	sq.m		

Signature of Authorized Representative:

9	Installation of Architectural Veneer Stone on all required areas as per plan specifications, Complete with Necessary Accessories, Code 1	250.00	sq.m		
10	Other Provisionary Hardware Accessories and Materials for Tiling Works	1.00	lot		
<b>SUB -TOTAL (J)</b>					
<b>K</b>	<b>PAINTING WORKS</b>				
1	Application of Paint Finish on the Exterior Walls of the Building	650.00	sq.m		
2	Application of Paint Finish on the Interior Walls of the Building	2,850.00	sq.m		
3	Application of Paint Finish and Jointing Compound on the Ceilings of the Building	1,800.00	sq.m		
4	Application of Rust Inhibiting Primer on All Metal Surface (Roof Framing, Window Security Grills and Grill Door)	1.00	lot		
5	Application of Quick Drying Enamel on all Window Security Grills and Grill Door	1.00	lot		
<b>SUB -TOTAL (K)</b>					
<b>L</b>	<b>FABRICATED MATERIALS</b>				
1	Fabrication and Installation of Wooden and Grill Door As per plan requirements and specification, Complete with Necessary Accessories	1.00	lot		
2	Fabrication and Installation of Aluminum and Tempered Glass Windows as per plan requirements and specification, Complete with Necessary Accessories	1.00	lot		
3	Fabrication and Installation of Security Grills as per plan requirements and specification, Complete with Necessary Accessories	1.00	lot		
4	Fabrication and Installation of Shower Phenolic Door Enclosure as per plan requirements and specification, Complete with Necessary Accessories	17.00	set		
5	Fabrication and Installation of Aluminum Modular Cabinets at Nurse's Station and Medicine Prep Area as per plan and specifications, Complete with Necessary Accessories	1.00	lot		
6	Fabrication and Installation of Pantry Dining Tables and Benches with Granite Counter Top as per plan requirements and specifications, Complete with Necessary Accessories	4.00	sets		
7	Fabrication and Installation of Concrete Pantry Washing Area, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		
8	Fabrication and Installation of Staff Pantry Concrete Counter Top for Handwashing, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		
9	Fabrication and Installation of Dental Concrete Counter Top for Handwashing, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		

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10	Fabrication and Installation of Optha Concrete Counter Top for Handwashing, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		
11	Fabrication and Installation of ENT Room Concrete Counter Top for Handwashing, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		
12	Fabrication and Installation of Nurse Station Ward Concrete Counter Top for Handwashing, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		
13	Fabrication and Installation of Female Ward Toilet Concrete Counter Top for Handwashing, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		
14	Fabrication and Installation of Male Ward Toilet Concrete Counter Top for Handwashing, Granite Finish as per plan requirements and specifications, Complete with Necessary Accessories	1.00	set		
<b>SUB -TOTAL (L)</b>					
<b>M</b>	<b>HVAC SYSTEM WORKS</b>				
1	Supply and Installation of Inverter Airconditioning Unit on All Required Areas as per plan specifications, Complete with Necessary Accessories	1.00	lot		
2	Installation of Exhaust Fans on all Office Comfort Rooms and Wards as per plan specifications and requirements, Complete with Necessary Accessories	1.00	lot		
<b>SUB -TOTAL (M)</b>					
<b>N</b>	<b>ETHERNET (WiFi), TELECOMMUNICATIONS AND CCTV SYSTEM WORKS</b>				
1	Installation of Ethernet and Telecommunications Wiring and Devices, Complete with Necessary Accessories	1.00	lot		
2	Installation of CCTV Wiring and Devices, Complete with Necessary Accessories	1.00	lot		
<b>SUB -TOTAL (N)</b>					
<b>O</b>	<b>FIRE SUPPRESSION AND DETECTION SYSTEM WORKS</b>				
1	Supply and Installation of Fire Detection and Alarm System Wiring and Devices as per plan specifications, Complete with Necessary Accessories	1,800.00	sq.m		
2	Supply and Installation of Fire Sprinkler System (Wet Pipe System) Piping and Devices, Complete with Necessary Accessories	1,800.00	sq.m		
3	Construction of Underground Concrete Cistern Tank for Fire Suppression System including Pump Housing (Concreting Works, Masonry Works, Structural Steel and Roofing Works and Painting Works), Complete with Necessary Accessories as per plan requirements and specifications.	1.00	lot		

Signature of Authorized Representative:

<b>SUB -TOTAL (O)</b>				
<b>P</b>	<b>MISCELLANEOUS</b>			
1	Fabrication and Installation of High Grade Panaflex NCMH Logo, Building and Room Identification Signages on all required areas as per plan specifications	1.00	lot	
2	Supply, Fabrication and Installation of Fall Protection Grab Handrails on All Required Areas (Hallway, Wards, PWD Ramp and Comfort Room) as per plan requirements and specifications, Complete with Necessary Accessories	1.00	lot	
3	Supply and Installation of WPC Indoor Wall Panel (Wood Grain Finish) in Hallway as per plan requirements and specification, Complete with Necessary Accessories	4.00	sets	
4	Construction of Garden Gazebo with Plant Boxes and Benches as per plan requirements and specification (Concreting Works, Masonry Works, Steel and Roofing Works, Painting Works and Tiling Works)	1.00	lot	
5	Construction of Plant Boxes on all required area as per plan requirements and specification (Masonry Works and Painting Works)	1.00	lot	
6	Construction of Fish Ponds and bridge including Pond Walls, Inlet/Outlet Pipes or Channels, Filtration, Decorations and Supply of Aquatic Animals	1.00	lot	
7	Construction of Cascade Water Feature at Calm Garden as per plan requirements and specifications, Complete with Necessary Accessories.	1.00	lot	
8	Construction of Generator Set Housing as per plan requirements and specification (Black QDE Paint Finish)	1.00	lot	
9	Supply, Delivery and Planting of Gardening Growing Plants for Landscaping	1.00	lot	
10	Supply, Delivery and Installation of Office Furnitures and Accessories as per specifications	1.00	lot	
<b>SUB -TOTAL (P)</b>				
<b>Q</b>	<b>CONSTRUCTION OF SEPTIC TANK AND CONCRETE CANAL</b>			
1	Construction of Width = 3 meters x Length = 5 meters x Depth = 2.775 meters Masonry Septic Tank	2.00	sets	
2	Installation of the required Septic Tank and Water Tank Piping System, Complete with Necessary Accessories	1.00	lot	
3	Construction of Concrete Canal with Concrete Cover (Class B = 3000 psi) and Trench Drain as per plan requirements and Specifications, Complete with Necessary Accessories	100.00	lm	
<b>SUB -TOTAL (Q)</b>				
<b>R</b>	<b>CONSTRUCTION PERIMETER FENCE</b>			
1	Excavation Works for Perimeter Column and Wall Footing (Adobe Soil)	225.00	cu.m	

Signature of Authorized Representative:

2	Application of Gravel Bedding (3/4")	15.00	cu.m		
3	Application of Soil Poisoning	225.00	sq.m		
4	Fabrication and Installation of Reinforced Concrete Isolated Footings (3500 psi)	20.00	cu.m		
5	Fabrication and Installation of Reinforced Concrete Columns (3500 psi)	20.00	cu.m		
6	Fabrication and Installation of Reinforced Concrete Wall Footings (3500 psi)	25.00	cu.m		
7	Fabrication and Installation of Reinforced Concrete Stiffener Beams (3500 psi)	12.00	cu.m		
8	Fabrication and Installation of Masonry Walls (Main Fence), Plastered Finish on both sides	210.00	l.m		
9	Application of Paint Finish on both sides of the Perimeter Fence	950.00	sq. m		
10	Fabrication and Installation of Steel Grills on Perimeter Wall as per plan requirements and specification	1.00	lot		
<b>SUB -TOTAL (R)</b>					
<b>S</b>	<b>PROVISIONAL ITEMS</b>				
1	Processing of the Required Permits (DOH Permit to Construct, Building Permit and License to Operate) and Submission of As Built Plans upon Project Completion, Complete with all Necessary Documents	1.00	lot		
<b>SUB -TOTAL (S)</b>					
<b>T</b>	<b>CLEARING&amp;GRUBBING/DEMOBILIZATION</b>				
1	Site Clearing and Grubbing, Includes Hauling of Debris and Construction Waste Prior Project Turn - Over	1.00	lot		
2	Demobilization	1.00	lot		
<b>SUB -TOTAL (T)</b>					
<b>TOTAL PROJECT COST</b>				<b>74,280,227.29</b>	

Submitted by:

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

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Name and Signature of Bidders Authorized Representative

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Position

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

Signature of Authorized Representative:
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