



Republic of the Philippines
CAVITE STATE UNIVERSITY
 Don Severino delas Alas Campus
 Indang, Cavite

BILL OF QUANTITIES

NAME OF PROJECT: REPAIR AND IMPROVEMENT OF WHITEHOUSE					
ABC: PhP 1,788,485.74			Bill of Quantities		
COLLEGE/UNIT/CAMPUS: OBA					
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I.	SITE CLEARING				
	(Pesos				
	and centavos)				
II.	FORMWORKS, CONCRETE AND MASONRY WORKS				
	(Pesos				
	and centavos)				
III.	TILEWORKS				
	(Pesos				
	and centavos)				
IV.	PLUMBING WORKS				
	(Pesos				
	and centavos)				
V.	ELECTRICAL WORKS				
	(Pesos				
	and centavos)				



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Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
VI.	CARPENTRY WORKS				
	(Pesos				
	and				
	centavos)				
GRAND TOTAL					
Write grand total in words					

Submitted By: _____ Date: _____
 Name of Bidder/Bidders's Representative: _____
 Position: _____
 Construction Company/Contractor: _____

SCOPE OF WORKS

A. REPAIR AND IMPROVEMENT OF WHITEHOUSE

1. The project must be finished in 105 working days
2. Actual site inspection is a must.
3. The area should be cleared before and after the construction work at least twelve meters away from the job site. Unusable formworks, excessive soil fill and all other unwanted debris of installation works should be disposed properly.

B. TECHNICAL DESCRIPTION

I. Site Clearing

- A. This work will include:
1. Dismantling of existing ceiling
 2. Chipping of existing kitchen counter
 3. Chipping of bathroom tiles (floor and wall)
 4. Dismantling of existing plumbing and electrical fixtures

II. Formworks, Concrete and Masonry Works

1. Formworks
 - a. Use only specified materials for formworks.
2. Concrete Works
 - a. Cast-in-place concrete
 - a.1. See attached plan for details and reference.
 - a.2. Adapt Class A concrete mixture.
 - a.3. Provide 50mm aggregates
 - a.4. Concrete works should be free from honeycomb upon turn-over.
 - a.5. Provide necessary tools and equipment needed for concrete works.
 - b. This work will include construction of new kitchen counter.
3. Masonry Works
 - a. CHB Laying
 - a.1. Adapt Class B mortar and plaster mixture to all masonry works.
 - a.2. All masonry works must be plain cement finished.
 - a.3. Provide 10mm Φ RSB as vertical reinforcement spaced at every 800mm and horizontal reinforcement spaced at every 600mm.
 - b. This work will include:
 - b.1. Construction of new masonry wall near master's bedroom
 - b.2. See attached plan for details and reference.
4. Reinforcement
 - a. Use 10mm Φ x 6.0m corrugated steel bar spaced at every 200mm on center bothways for concrete counter.
 - b. Use 10mm Φ x 6.0m corrugated steel bar spaced at every 800mm as horizontal reinforcement and every 600mm as vertical reinforcement for masonry walls
 - c. Use 4-10mm Φ x 6.0m corrugated steel bar for stiffener

III. Tile Works

1. Installation of tiles. This work will include the following area:
 - a. 400mm x 400mm impervious and non skid ceramic floor tiles comfort rooms
 - b. 400mm x 400mm ceramic glazed wall tiles at comfort room, height=2.60m
 - c. 600mm x 1200mm granite tiles for kitchen counter top and splash board
2. Consult end user for design and color preference
3. Adapt Class A mortar mixture for the installation of tiles
4. Application of tile grout after installation
5. Clean residue prior to completion of work
6. Consult end-user for design and color preference of tiles

IV. Plumbing Works

1. Roughing-in
 - a. This work will include the installation of the following:
 - a.1. Water supply pipeline and fittings tap to existing source
 - a.2. Waste water pipeline and fittings tap to existing drainage
 - a.3. Soil pipeline and fittings tap to septic tank
2. Installation of plumbing fixtures and accessories
 - a. Comfort rooms
 - b. Kitchen
3. See attached plan for details and reference.

V. Electrical Works

1. Roughing-in
 - a. This work will include installation of the following:
 - a.1. Service entrance wire tap to existing power supply source
 - a.2. Panel board
 - a.3. Convenience outlet electrical layout
 - a.4. Lighting outlet electrical layout
 - a.5. Special convenience outlet electrical layout
2. Installation of new wiring devices, electrical and lighting fixtures.
3. See attached plan for details and reference.
4. Tap to existing source.

VI. Carpentry Works

1. Installation of Ceiling
 - a. Use 25mm x 25mm x .60mm thk. Wall angle
 - b. Use 1" concrete nail for fastening wall angle at concrete
 - c. Use .60mm x 19mm x 50mm x .60mm thk. J-furring as ceiling joist, parallel to the longer sides of the room spaced at 400mm middle on center
 - d. Use 1mm x 12mm x 38mm x 1.0mm thk. C-channel as ceiling joist, parallel to the shorter sides of the room spaced at 400mm middle on center
 - e. Use .55mm x 12mm x 38mm x .55mm thk. C-channel for ceiling hanger every 800mm middle on center
 - f. Use 3/16" thk. x 1.20m x 2.40m fibercement board for ceiling boards
 - g. Installation of 1" x 2" KD cornice
2. Installation of Doors with Hardwares and Accessories
 - a. Install 4 pcs.hinges heavy duty per door
 - b. All panel door must be kiln dry, sand smooth and made of thick hardwood.
 - c. Install heavy duty lockset per door.

XII. Note

1. Distance and elevations are in meters, unless otherwise specified.
2. See/consult end user for details/extent of work. The silence of specification, plans, special provision and supplementary specifications as to any detail, or the apparent omission therein of a detailed description or definition of the quality of materials and workmanship shall be regarded to mean that only materials and workmanship of first class quality are to be used or employed.
3. All works will be facilitated by the contractor.
4. All tools and equipment necessary for executing the work will be provided by the contractor.
5. Works that are necessary but are not cited in the above specifications will be facilitated by the contractor.
6. Materials that are necessary but are not included in the above program of works will be provided by the contractor.
7. No modifications will be done without the approval of end user, project inspector and implementor.
8. Verify actual measurement on site.
9. All materials is subject for inspection before installation.