



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

BILL OF QUANTITIES

REHABILITATION OF COMFORT ROOMS ABC: ₱ 1,225,267.84 COLLEGE/UNIT/CAMPUS: CARMONA CAMPUS			Bill of Quantities		
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	EARTHWORKS (Pesos _____ _____ and _____ centavos)				
II	CONCRETE, MASONRY AND TILE WORKS (Pesos _____ _____ and _____ centavos)				
III	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
IV	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
V	PLUMBING WORKS (Pesos _____ _____ and _____ centavos)				
VI	ELECTRICAL WORKS (Pesos _____ _____ and _____ centavos)				
VII	PAINTING WORKS (Pesos _____ _____ and _____ centavos)				
GRAND TOTAL					_____
Write grand total in words					_____ _____ _____

Submitted by: _____ Date: _____
 Name of Bidder/Bidder's Representative: _____
 Position: _____

SCOPE OF WORK:

A. REHABILITATION OF COMFORT ROOMS

GENERAL NOTES:

1. The project should be finished for 60 calendar days.
2. There is an existing structure. Site inspection is a must to verify site condition.
3. The area should be cleared/cleaned before and after the construction work at least six meters away from the building line. Unusable used formworks, excessive soil fill and all other unwanted debris of construction works should be disposed properly.
4. Mobilization
 - a. Provide the following:
 1. Billboard
 2. Bank house, temporary site enclosure and temporary comfort rooms
 3. Site enclosure

B. Technical Description

I. Earthworks

- A. Excavation/backfilling/clearing
 1. Excavation of new septic tank
 2. This work includes chipping and excavation and backfilling for footings.
- B. Chipping works
 1. Chipping and dismantling of all existing partitions, tiles and fixtures at ground & second floor (North Wing)
 2. Chipping and dismantling of existing partitions at stock/comfort room and fixtures at third floor (North Wing)
 3. Chipping of all existing floor tiles at the Comfort Rooms at fourth floor.

II. Concrete, Masonry and Tile Works

- A. Concrete Works
 1. Concreting of lavatory counter reinforced with 10mm Ø deformed bar with CHB support.
- B. CHB Laying
 1. Installation of CHB wall reinforced with 10mm Ø deformed bar spaced at 0.60m on center every 3 layers
 2. Masonry works should be plastered plain cement.
- C. Tile Works (Supply and installation)
 1. Ceramic tiles (locally made) 2" x 12" for the whole area of comfort room at ground to third floor (floor and walls)
 - Walls should be provided with belts using decorative tiles at 4 layers from ceiling line and 4 layers from floor line
 2. Granite tiles 24" x 24" for the lavatory counters
 - Consult end-user for color preference of tiles

III. Miscellaneous Works

1. Supply and installation of all doors needed to complete the project
 - 6 units Grill Door; complete with all accessories including stainless barrel bolt
 - 18 units Aluminum door (YP/Buss body) complete with all accessories including door lock with indicator

IV. Carpentry Works

1. Provide formworks and scaffolding for the completion of the project.

V. Plumbing Works

- A. Water Supply Line
 1. Adopt PPR pipes and fittings for water line.
 2. Tapping to source is included.
 3. Provide one unit gate valve for every floor.
- B. Sewer Line
 1. Adopt PVC heavy duty orange pipes and fitting (Sanimold type with O-ring or its equivalent) for ventilation and the whole sewer line system including the septic vault fittings

- Use 4" Ø for water closet
- Use 2" Ø for all floor drains, lavatory and ventilation

Note: Maintain a 2% slope on all CR floorings towards the drain.

- C. Fixtures (All fixtures must be TOTO/HCG/American STD> or any approved equal with complete heavy duty fittings and accessories)
1. Provide BRASS floor drains for every cubicle. See plan.
 2. Adopt colored tank type water closet. (12 sets)
 3. Adopt colored urinal with partition (6 units)
 4. Adopt faucet, US. Std. (15 pcs)
 5. Adopt faucet wall mounted, US std. (15 pcs)
 6. Provide 1.0m x 1.2m mirror (5 units)
- D. Septic tank
1. Construction of new septic tank (See plan).

VI. Electrical Works

- A. Supply and installation of the following:
- PVC conduit orange pipe
 - Utility and junction boxes should be PVC and deep type
 - THWN stranded wires with sizes indicated on the plan (phelp dodge or its approved equal)
 - Electrical fixtures/switches/outlets and other electrical devices
 - 15 sets of LED lamp (9W)

VII. Painting Works

For painting works, (Painting of the whole new structure at Comfort Room)

- A. Wood
1. Apply one coat of flatwall enamel white. Allow to dry overnight.
 2. Apply two coats of Quick Dry Enamel in the desired color.
- B. Concrete
1. Treat the surface with concrete neutralizer. Mix one part with 16 parts water by volume.
 2. Repair minor surface imperfections with a suitable putty. Let dry, sand then spot coat with top coat color.
 3. Apply two coats of colored elastomeric paint of factory mixed dirt resistant semi-gloss latex. Apply with brush or roller.

Note: Color of paint will depend upon the preference of the end-user. Paints and its accessories to be used shall be Boysen brand or approved equal.

- C. See plans/consult the end-user and project inspector for details and extent of work. The silence of specifications, plans, special provisions and supplementary specifications as to any detail, or the apparent omission therein of 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.