



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

BILL OF QUANTITIES

REPAIR AND IMPROVEMENT OF CAFENR (AGRICULTURAL SCIENCE BUILDING)					
ABC: ₱ 1,047,361.70				Bill of Quantities	
COLLEGE/UNIT/CAMPUS: MAIN CAMPUS - CAFENR					
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	DISMANTLING, CHIPPING AND CLEARING WORKS (Pesos _____ _____ and _____ centavos)				
II	MASONRY AND TILE WORKS (Pesos _____ _____ and _____ centavos)				
III	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
IV	MISCELLANEOUS 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: _____
 Construction Company/Contractor: _____

CAVITE STATE UNIVERSITY

SCOPE OF WORK:

A. REPAIR AND IMPROVEMENT OF CAFENR (AGRICULTURAL SCIENCE BUILDING)

GENERAL NOTES:

1. The project should be finished for 120 calendar days.
2. Actual site inspection is a must.
3. The area should be cleared/cleaned before and after the construction work at least ten meters away from the building line. Unusable used formworks, excessive soil fill and all other unwanted debris of construction work should be disposed properly.
4. Mobilization
 - a. Provide the following:
 1. Billboard
 2. Bank house, temporary office and temporary comfort rooms
 3. Site enclosure

B. Technical Description

I. Dismantling, Chipping and Clearing Works

1. Chipping and dismantling of existing floor tiles, ceiling, water lines and water closet at comfort rooms.

II. Masonry and Tile Works

A. Plastering

1. Plastering of gutter at grid 1/A to P (flooring and walls)
→ Plastering should be 1" thick with 1" x 1" welded wire mesh.
2. Masonry works should be plastered plain cement.

B. Tile Works

1. Replacement of all floor tiles of all comfort rooms using 12" x 12" ceramic tiles.
2. Consult the end user for color preference of tiles.

III. Carpentry Works

1. Provide necessary formlumber and scaffolding needed for the completion of the project.
2. Provide painted eight (8) units long tables at audio visual room.
→ Use ½" STA CLARA MARINE PLYWOOD for table top and kiln dry lumber for frame.
3. Supply and installation of ceiling for the whole ground floor and all comfort rooms.
 1. Use ¼" marine plywood for ceiling board
 2. Use 2" x 3" good lumber spaced at 1.20 m. for ceiling runner & 2" x 2" good lumber every 0.40 m for ceiling joist.
 3. Provide ⅛" x 1" flat bar for ceiling hanger.
 4. Provide 3" corneza for all ceiling corners.
 5. Repair of existing ceiling.

IV. Miscellaneous Works

1. Fabrication/Supply and installation of two (2) units stainless fire escape ladder from the second to ground floor.
2. Supply and application of waterproofing for all comfort rooms and concrete gutter at grid 1/A to P.

V. Plumbing Works

A. Water Supply Line (remove and replace all water lines)

1. Adopt PPR pipes and fittings for water line.
→ 1" and ½" Ø for water line.
→ Provide a gate valve for every comfort room and one main gate valve outside the building.
2. Tapping to the source is included.
3. No pipe would be embedded without testing it to leak.

B. Sewer Line (repair of all existing sewer lines)

1. Adopt PVC heavy duty orange pipes and fittings (Sanimold type with O-ring or its equivalent) for ventilation, downspout and the whole sewer line system including the septic vault fittings.

C. Fixtures (remove and replace of 12 sets of water closet)

1. Provide the following for the comfort rooms:
 - 12 sets of colored tank type water closet
Note: All fixtures must be **HCG, American Std, Toto** or approved equivalent
 - 6 pcs faucet (US std.)
 - Repair of all fittings is included.

VI. Electrical Works

- A. Supply and installation of the following for the comfort rooms:
 1. 6 units pin lights with 7W LED bulb
 2. 4 sets of one-gang switch with utility box
 3. Re-installation of lighting fixture for the new ceiling

VII. Painting Works

- A. Painting of all new ceiling including the ceiling at comfort room (metal decking)
 1. Apply one coat of flatwall enamel white. Allow to dry overnight.
 2. Repair minor surface imperfections with glazing putty. Let dry for 3-4 hours then sand.
 3. Apply two coats of semi-gloss enamel in the desired color. Allow an overnight intercoating interval.

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. 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.