



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

BILL OF QUANTITIES

REPAIR AND IMPROVEMENT OF GUEST ROOMS AT LOWER GROUND FLOOR OF INTERNATIONAL HOUSE 1 ABC: ₱3,096,109.63 COLLEGE/UNIT/CAMPUS: MAIN CAMPUS					
					Bill of Quantities
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	SITE CLEARING/ PREPARATION (Pesos _____ _____ and _____ centavos)				
II	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
III	PLUMBING WORKS (Pesos _____ _____ and _____ centavos)				
IV	ELECTRICAL WORKS (Pesos _____ _____ and _____ centavos)				
V	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 GUEST ROOMS AT LOWER GROUND FLOOR OF INTERNATIONAL HOUSE 1

GENERAL NOTES:

1. The project should be finished for 60 calendar days.
2. Site inspection is a must to verify its existing condition.
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 works should be disposed properly.

B. Technical Description

I. Site Clearing/ Preparation

1. Provide the following:
 - Billboard
 - Bankhouse with office
 - Temporary comfort rooms
 - Site temporary enclosure may be blue sack or any suitable materials that may enclose the workplace.
2. Dismantling of Doors
 - a. Dismantling of all the doors at lower ground floors' guest rooms including comfort room doors
 - b. All doors and hardwares must be turned over to the project inspector/ end-user.
 - c. All affected areas must be restored properly.
3. Dismantling of plumbing fixtures
 - a. This work includes dismantling of all water closets, lavatories, and shower sets.
 - b. All dismantled plumbing fixtures will be subject for inventory and inspection by the project inspector/end-user before disposing.
 - c. All affected areas must be restored properly.
4. Dismantling of lighting fixtures and wiring devices
 - a. This work will include dismantling of all existing lighting fixtures, lighting outlets and switches, convenience and ACU outlets.
 - b. All dismantled lighting fixtures will be subject for inventory and inspection by the project inspector/end-user before disposing
 - c. All affected areas must be restored properly.

II. Carpentry Works

1. Installation of Ceiling
 - a. Use 25mm x 25mm x 0.60mm thick wall angle
 - b. Use 1" concrete nail for fastening wall angle at concrete.
 - c. Use 0.60mm x 19mm x 50mm x 0.60mm thick 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 thick C-channel as ceiling joist, parallel to the shorter sides of the room spaced at 400mm middle on center.
 - e. Use 0.55mm x 12mm x 38mm x 0.55mm thick C-channel for ceiling hanger every 800mm middle on center.
 - f. Use 3/16" thick x 1.20m x 2.40m fiber cement board for ceiling boards.
 - g. Installation of 1" x 2" KD cornice.

III. Plumbing Works

1. This work will include
 - a. Waterproofing of all sewer and water supply pipelines
 - b. Replacement of fittings as needed
2. Installation of new plumbing fixtures:
 - a. Water closet and lavatory including bidet, toilet accessories and water supply fittings in every bathroom
 - b. New shower set including water supply fittings in every bathroom.
3. All plumbing fixtures and accessories must be HCG, American Standard or approved equal.
4. Tapping to the source is also included.

IV. Electrical Works

1. Replacement of existing lighting power supply line
2. Installation of new lighting fixtures
3. Installation of new wiring devices
4. Installation of new water heater at every bathroom
5. Use Bticino, National, or its approved equal for electrical fixtures/ switches/ outlets/ and other electrical devices. Use Phelps Dodge or approved equal for electrical wirings.
6. Tapping to source is also included.

V. Painting Works (Note: Color of paint will depend upon the preference of the end-user. Paints and its accessories should be Boysen or approved equal)

1. Ceiling
 - a. Surface Preparation
 - a.1. Affix drywall boards following specific standard installation guidelines by the board manufacturer.
 - a.2. Sand rough surfaces until smooth, then dirt off before painting.
 - a.3. Surface to be painted should be clean and dry, free from dust and other foreign matter.
 - b. Painting application
 - b.1. Prime bare substrate with flat latex. Allow to dry overnight.
 - b.2. Putty minor surface imperfections with suitable putty. Let dry for 6 to 8 hours. Spot prime puttied portions.
 - b.3. Apply at least two coats of colored dirt resistant factory mixed semi gloss latex paint.
2. Cornice and Doors
 - a. Surface Preparation
 - a.1. Use only kiln dried wood.
 - a.2. Countersink all nail heads for putty application.
 - a.3. Sand rough wood until smooth, then dust off before painting.
 - a.4. Surface to be painted must be clean and dry, free from dust, and other foreign matter.
 - b. Painting application
 - b.1. Prime bare substrate with flat latex. Allow to dry overnight.
 - b.2. Putty minor surface imperfections with suitable putty. Let dry for 6 to 8 hours. Spot prime puttied portions.
 - b.3. Apply at least two coats of Quick Dry Enamel in the desired color. Allow an overnight inter coating interval.
 - b.4. Caramel brown for cornice
 - b.5. White for doors
3. Interior and Hallway
 - a. Surface Preparation
 - a.1. Remove all loose, scaling, flaking, and peeling off paint by wire brushing, scraping or rough sanding.
 - a.2. When necessary, use varnish but make sure that residue is completely washed off from the surface to prevent adverse reaction with succeeding coats. Let it dry.
 - a.3. Sand smooth painted surfaces for improved intercoat adhesion.
 - a.4. For chalking old latex paint, apply one coat of chalk blocker. Allow to dry overnight.
 - a.5. In case of mildew infestation, treat affected areas with a fungicidal wash solution or household bleach mixed with water (1:3 respectively). Let the treatment stay overnight before wiping off residue with damp cloth. Let dry.
 - b. Painting Application
 - b.1. Prime bare substrate with one coat of pre-mix elastomeric paint. Consult the end-user for the color preference.
 - b.2. Putty minor imperfections. Allow to dry overnight then sand.
 - b.3. Apply two coats of pre-mix elastomeric paint. Allow an overnight inter coating interval.

VI. Contractor of the said project must provide an as-built plan of the project at the end of the contract as a requirement for the release of their final billing.

- VII. For color/types of any fixtures or materials to be used on site, consult the end-user and the inspector for approval. Consult the plan and the scope of work for the extent of tasks of the contract. If possible, let the end-user sign your sample as proof of approval. **Note: In the event that discrepancies on plans and scope of work occur, generally, the scope of work prevails.**
- VIII. 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.