

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

**BILL OF QUANTITIES**

REPAIR AND IMPROVEMENT OF PLANNING AND IDO OFFICE 2nd POSTING ABC: 4,996,923.68 COLLEGE/UNIT/CAMPUS: MAIN CAMPUS					
				Bill of Quantities	
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	MOBILIZATION (Pesos _____ _____ and _____ centavos)				
II	CONCRETE WORKS (Pesos _____ _____ and _____ centavos)				
III	MASONRY AND TILE WORKS (Pesos _____ _____ and _____ centavos)				
IV	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
V	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
VI	TRUSSES AND ROOFING WORKS (Pesos _____ _____ and _____ centavos)				
VII	ELECTRICAL WORKS (Pesos _____ _____ and _____ centavos)				
VIII	PLUMBING WORKS (Pesos _____ _____ and _____ centavos)				

## FIRE DETECTION AND AL

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**CAVITE STATE UNIVERSITY**

**SCOPE OF WORK:**

**A. REPAIR AND IMPROVEMENT OF PLANNING AND IDO OFFICE - 2nd POSTING**

**GENERAL NOTES:**

1. The project should be finished in 210 calendar days.
2. There is an existing structure and verification of the actual site 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 works should be disposed properly.

**B. Technical Description**

**I. Mobilization**

**A. Site Preparation/ Temporary Enclosure/ Mobilization/ Demobilization/ Office/ Bunkhouses/ Comfort Rooms/etc.**

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

**B. Dismantling, Chipping and Excavation Works**

1. This work also includes the excavation for column footing of the stairs.
2. Dismantling of existing canopy, gutter, ceiling, electrical components, trusses, roofing. Included also are the dismantling of beams and slab for water and sewer lines.
3. All dismantled items will be subjected to inventory and inspection by the project inspector/end-user.

**II. Concrete Works**

1. This work includes gutter and cantilever beam. Adopt the existing architectural design.
2. This work also includes the additional footings, columns, beams and slab for the stairs.
3. Concrete strength to be adopted shall be 3,500 psi.
4. Concrete works should be plain cement finished.
5. Adopt grade 40 deformed steel bars for reinforcement.
6. Provide necessary tools and equipment for the completion of the scope of work.

**III. Masonry and Tile Works**

**A. CHB Laying**

1. Installation of CHB reinforced with 10 mm Ø deformed bar spaced at 0.60 m. on center every three layers.

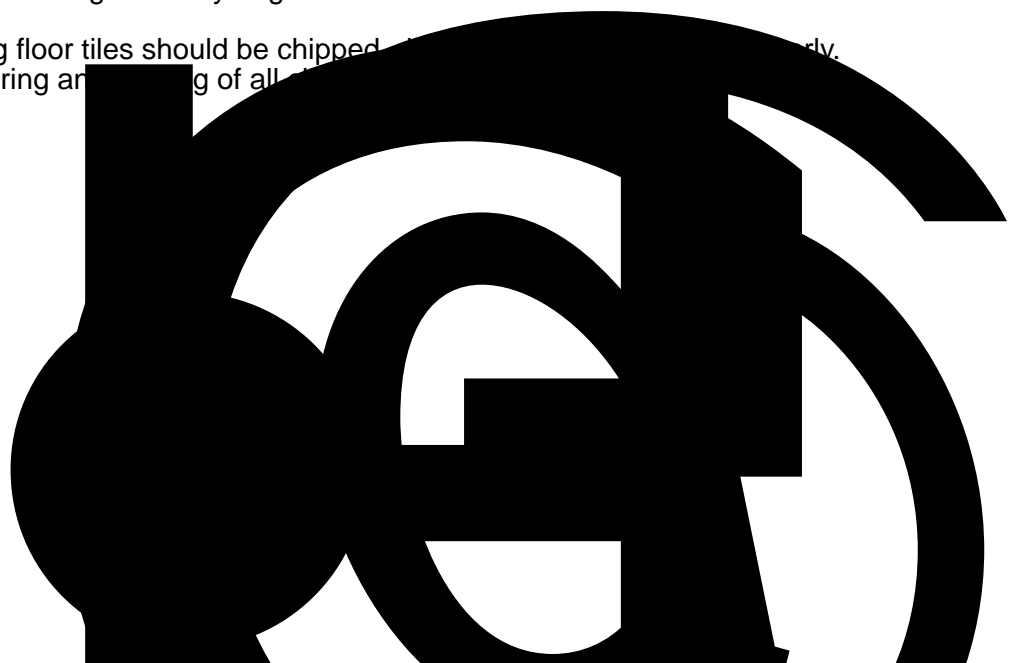
a. CHB 4" to be installed for counter top, pantry and support of concrete counter.

**B. Sahara Plastering**

1. Area of gutter for plastering with sahara is 165.0 sq.m.
2. Thickness of plaster is 1 inch.
3. Also included is the waterproofing of the entire concrete gutter by adding 1 bag of sahara plastering for every bag of cement.

**C. Tile Works**

1. All existing floor tiles should be chipped and disposed properly.
  - a. Clearing and disposal of all debris.





- Refer to the Schedule of loads for size and color coding of conductor wires.
- THW type of conductor wires for outdoor installation.
- d. Utility and junction boxes should be PVC and deep type.
- e. Galvanized support brackets for conduits.
- 3. Supply and installation of electrical fixtures/switches/outlets and other electrical devices in accordance with the plan.
  - a. 2-18W (4") LED fluorescent lamp w/ diffuser (28 sets).
  - b. 1-9W (6") LED Pin light, surface type, vertical round fixture (22 sets).
  - c. Emergency light twin head (4 sets).
  - d. Switches (Bticino, National or its equivalent).
  - e. Convenience outlets (Bticino, National or its equivalent).
  - f. Electric KWH meter, Three Phase, 230V, 200 Amps, 60 Hz, 4 wire, Digital Type wiq

2. Treat the surface with concrete neutralizer. Mix one part with 16 parts water by volume.
3. Apply latex flat as primer. Repair minor surface imperfections with a suitable putty. Let dry, then sand.
4. Apply at least two coats