

Republic of the Philippines
CAVITE STATE UNIVERSITY

Indang, Cavite

BILL OF QUANTITIES

CONSTRUCTION OF FACULTY HOUSING (2nd POSTING)					Bill of Quantities
ABC: 7,936,125.80					
COLLEGE/UNIT/CAMPUS: MAIN CAMPUS					
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
1	EARTHWORKS (Pesos _____)				

CAVITE STATE UNIVERSITY

SCOPE OF WORK:

A. CONSTRUCTION OF FACULTY HOUSING (FOUR UNITS DUPLEX) – 2nd POSTING

GENERAL NOTES:

1. The project should be finished in 120 calendar days.
2. Actual site inspection is a must. The construction includes 4 units duplex houses, that are suited for 8 occupants.

B. Technical Description

I. Earthworks

- A. Site Preparation/Temporary enclosure/ Mobilization/ Demobilization/ Office/ Bunkhouse/ Billboard/etc.
 1. Site temporary enclosure may be sack or any suitable materials that may enclose the workplace.
- B. Clearing, Excavation and Backfilling
 1. This work includes excavation for all columns/wall footings, tie beam and septic tank.
 2. All clearing works including cutting of trees is included but permits shall be processed by the university. Also, there is an existing slab to be dismantled.
 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.
- C. Additional fill and soil poisoning
 1. Provide additional fill.
 2. The entire area for the proposed building should be treated with termite proofing.
 3. Gravel fill = 0.05m. fill.

II. Concrete Works

- A. Cast-in-place concrete
 - 1.

2. For comfort room:
 - a.
 - b.
3. Use tile adhesive for tiling.
4. Use colored tile grout to finish tile works.
5. Consult the end user for color preference of tiles.

V. Carpentry Works

1. Provide necessary form lumber and scaffolding needed for the completion of the project.
2. Provide ceiling works.
 - a.
 - b. Use metal furring as ceiling runner and ceiling joist at 0.40m. on center both ways.
 - c.

VIII. Electrical Works

1. Supply and installation of feeder line and secondary post including all its accessories (Bolt-on type Nema Standard should be used)
 - Installation of MDP, ACP, LP and all other panel boards on the plan and their circuit breakers.
2. Supply and installation of wiring/ conductors and PVC conduit/ junction box/ utility box from main/sub-main panel to convenience outlet/ lighting outlet/ ACU outlet
 - a. THWN stranded wire (Phelp dodge or approved equivalent)
 - b. PVC conduit orange pipe with sizes as indicated on the plan
 - c. Utility and junction boxes should be PVC and deep type.
- 3.

intercoating interval.

B. Metal

1. Apply epoxy primer by brush or spray. Allow to dry for 24 hours. Apply suitable putty in imperfections.
2. Apply at least two (2) coats of QDE in the desired color.

C. Concrete

1. Treat the surface with concrete neutralizer. Mix one part with 16 parts water by volume.
2. Apply skim coat as primer. Repair minor surface imperfections with a suitable putty. Let dry, then sand.
3. Apply at least two coats of colored dirt resistant semi gloss latex paint (factory mixed).

Note: Color paint will depend upon the preference of the end-user. Paints and its accessories should be boysen or approved equivalent.

C. 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.

D. 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. **In the event that discrepancies on plans and scope of work occur, generally, the scope of work prevails.**

E. 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.