



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

BILL OF QUANTITIES

REPAIR AND IMPROVEMENT OF LOWER LEVEL OF GRANDSTAND					
ABC: ₱1,011,658.63				Bill of Quantities	
COLLEGE/UNIT/CAMPUS: MAIN CAMPUS					
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	MOBILIZATION (Pesos _____ _____ and _____ centavos)				
II	DISMANTLING AND CHIPPING WORKS (Pesos _____ _____ and _____ centavos)				
III	TILE WORKS (Pesos _____ _____ and _____ centavos)				
IV	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
V	ELECTRICAL WORKS (Pesos _____ _____ and _____ centavos)				
VI	PLUMBING 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 LOWER LEVEL OF GRANDSTAND

GENERAL NOTES:

1. The project should be finished for 45 calendar days.
2. Site inspection is a must to verify its existing condition.
 - a. Provide retouching works to all parts of the building affected by the repair/ improvement works
 - b. Provide adjustments on doors that will be affected by tile works.
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

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.

II. Dismantling and Chipping Works

1. This work includes dismantling of existing tile materials.
2. Any damages incurred during the dismantling and chipping process should be restored to its original state.

III. Tile Works

1. Supply and installation of colored ceramic tiles 0.40m x 0.40m on the flooring of all comfort rooms.
2. Supply and installation of colored ceramic tiles 0.30m x 0.30m on the walls of all comfort rooms.
3. Consult the end-user for the color preferences of tiles.

IV. Miscellaneous Works

1. Supply and installation of 10 sets D-1 0.90m x 2.10m steel panel door with complete accessories
2. Supply and installation of 6 sets D-2 0.60m x 2.10m steel panel door with complete accessories
3. Supply and installation of 2 sets D-3 1.60m x 2.10m double swing aluminum glass door with complete accessories
4. Supply and installation of 12 sets D-4 0.60m x 1.60m stainless door panel complete with all accessories

V. Electrical Works

1. Installation of electrical fixtures/ switches/ outlets and other electrical devices
 - Switches (Bticino, National or approved equal)
 - Convenience outlets (Bticino, National or approved equal)
 - Outlets for ACU, Emergency light and exhaust fan (Bticino, National or approved equal)
 - Fluorescent lamp with aluminum louver diffuser (see plan)
 - 7 units emergency light
2. Removal of existing and destroyed electrical wirings and fittings. All dismantled and removed electrical wires and fittings should be disposed of properly.
3. Installation of new wirings/ conductors and PVC conduits/ junction box/ utility box from main/ sub-main panel boards to convenience outlet/ light outlet/ ACU outlet.
 - THWN stranded wire, phelp dodge or approved equal
 - PVC conduit orange pipe with sizes as indicated on the plan

- Utility and junction boxes should be PVC and deep type.
- 4. Installation of MDP, ACP, LPP and all other panel boards and their circuit breakers, and other electrical accessories (see plan for details). Bolt-on type Nema Standard should be used.
- 5. Tap to the source including testing and commissioning.
- 6. Consult plan and inspectors for details and extent of work.

VI. Plumbing Works

A. Maintenance works

1. Siphoning and declogging of existing septic tank. Draining out the waste water accumulated inside the septic tank to avoid contamination.

B. Fixtures

1. Supply and installation of the following:

- 12 sets of water closet

- 2 sets of lavatory

- Consult the end-user for the color preference of the fixtures.

Note: All fixtures must be HCG, TOTO, Am. Std. or approved equivalent complete with heavy duty fittings and accessories

2. Restoration of kitchen sink. Repair of destroyed tiles, re-installation of water lines, re-installation of sewer lines.

C. Water Supply Lines

1. Removal of all existing water supply lines and fittings. All dismantled and removed water supply lines and fittings should be disposed of properly.
2. Adopt PPR pipes for installation of new water supply lines and fittings.
3. No pipes should be embedded without testing it to leak.

VII. Painting Works

A. 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. Provide colored elastomeric paint or factory mixed dist resistant semi-gloss latex.

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.

- IX. 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.
- X. 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.**
- XI. 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.