



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

BILL OF QUANTITIES

REPAIR OF TWO-STOREY CEMDS BUILDING (FORMERLY AGRICULTURAL ENGINEERING BUILDING)					
ABC: ₱ 4,209,797.64				Bill of Quantities	
COLLEGE/UNIT/CAMPUS: MAIN CAMPUS - CEMDS					
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	DISMANTLING WORKS (Pesos _____ _____ and _____ centavos)				
II	CONCRETE AND MASONRY WORKS (Pesos _____ _____ and _____ centavos)				
III	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
IV	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
V	ELECTRICAL WORKS (Pesos _____ _____ and _____ centavos)				
VI	TRUSSES AND ROOFING WORKS (Pesos _____ _____ and _____ centavos)				
VII	PLUMBING WORKS (Pesos _____ _____ and _____ centavos)				

VIII	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 OF TWO-STOREY CEMDS BUILDING (FORMERLY AGRICULTURAL ENGINEERING BUILDING)

GENERAL NOTES:

1. The project should be finished for 90 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. Bankhouse, temporary office and temporary comfort rooms
 3. Site enclosure

B. Technical Description

I. Dismantling Works

- a. This work includes removal/ dismantling of all existing roofing sheets
- b. Clearing of existing concrete gutter is included.

II. Concrete and Masonry Works

- a. Retouching/plastering of all concrete cracks, holes and others.
- b. Construction of service entrance post.

III. Carpentry Works

- a. Remove and replace all dilapidated ceiling. Use cement board and lightweight metal furring.
- b. Provide formworks and scaffolding.

IV. Miscellaneous Works

A. Doors:

1. Remove and replace all existing doors
2. Supply and installation of of 24 sets powder coated steel door and jamb complete with all accessories
3. Supply and installation of of 12 sets of aluminum door (YP/ Buss body)

B. Windows

1. Repair all existing grill doors and windows.

V. Electrical Works

A. Remove and replace all existing electrical materials / devices (THREE PHASE)

1. Supply and installation of panel board and circuit breakers
Note: Bolt-on type, Nema standard should be used
2. Supply and installation of conductors and PVC conduit/ junction box/ utility box from panel to convenience outlet/ light outlet
 - a. PVC orange conduit pipe
 - b. Utility and junction boxes should be PVC and deep type
3. Supply and installation of electrical fixtures/ switches/ outlets and other electrical devices
 - a. Switches (Bticino, National or its equivalent)
 - b. Convenience outlets (Bticino, National or its equivalent)
 - c. 2-18W (4') LED fluorescent lamp with diffuser (52 sets)
 - d. Pinlight 9W (22 sets)
 - e. ACU window type 2HP inverter type (15 units)
 - f. Emergency light twin head (6 units)
 - g. Feeder lines
4. Tap to the source.

VI. Trusses and Roofing Works

1. Remove and replace all existing roofing sheets including ridge roll.
2. Remove and replace all dilapidated trusses and purlins
3. Supply and installation of pre-painted ga. 16 (0.50 mm) rib type roofing sheets and ridge roll.

4. All removed materials must be turned over and hauled to Physical Plant Services (PPS)
5. Provide pre-painted roofing sheet with frame for canopy at exit door (1.20m. x 2.0m)

VII. Plumbing Works

1. Remove and replace all existing water lines and toilet fixtures.
2. Supply and installation of PPR water lines and fittings.
3. Supply and installation of the following:
 - a. 13 sets tank type water closet
 - b. 9 sets lavatory
 - c. 13 pcs heavy duty faucet (US std.)
4. Declogging of all existing downspout

VIII. Painting Works

- A. Scraping and Cleaning Works
 1. Remove all chalky surface, loose paint, dirt and other contaminants by siren brushing or by using paint remover.
- B. Scaffold and Miscellaneous Works
 1. Provide necessary form lumber and scaffolding needed for the completion of the project.
- C. Painting Works
 1. Wood
 - a. Apply one coat of flatwall enamel white. Allow to dry overnight.
 - b. Repair minor surface imperfection with glazing putty. Let dry 3-4 hours then sand.
 - c. Apply two coats of semi-gloss enamel in the desired color. Allow an overnight intercoating interval.
 2. Metal
 - a. Apply zinc chromate primer by brush or spray. Allow to dry for 24 hours. Apply suitable putty on imperfections. Sand to a smooth finish.
 - b. Apply at least three coats of Quick Dry Enamel in the desired color.
 3. Concrete
 - a. Repair minor surface imperfections with a suitable putty.
 - b. Apply at least three coats of colored factory dirt resistant semi-gloss latex. Apply with brush or roller.

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.