



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

BILL OF QUANTITIES

REPAIR AND IMPROVEMENT OF CAFENR (CROP SCIENCE BUILDING)					
ABC: ₱ 1,567,837.25				Bill of Quantities	
COLLEGE/UNIT/CAMPUS: MAIN CAMPUS - CAFENR					
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	DISMANTLING, CHIPPING AND CLEARING AND EXCAVATION WORKS (Pesos _____ _____ and _____ centavos)				
II	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
III	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
IV	PLUMBING WORKS (Pesos _____ _____ and _____ centavos)				
V	ELECTRICAL 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 CAFENR (CROP SCIENCE 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. Bank house, temporary office and temporary comfort rooms
 3. Site enclosure

B. Technical Description

I. Dismantling, Chipping and Clearing and Excavation Works

1. Chipping and dismantling of existing water lines for all comfort rooms.
2. Excavation for feeder lines of electrical service entrance from building to source.

II. Carpentry Works

1. Provide necessary forlumber and scaffolding needed for the completion of the project.
2. Supply and installation of PVC partition at ground floor.

III. Miscellaneous Works

1. Fabrication/Supply and installation of two units stainless ladder for the fire escape.
 - a. Use 1/4" x 2" stainless flat bar with 1.5" stainless pipe.

IV. Plumbing Works

A. Water Supply Line

1. Remove and replace all water lines.
2. Adopt PPR pipes and fittings for water line.
 - a. 1/2" Ø for water line
3. Tapping to the source is included.
4. No pipe should be embedded without testing it to leak.

B. Sewer Line

1. Repair all existing sewer line
2. Rehabilitation of two units septic tank and declogging/hauling of sludge.

C. Fixture

1. Remove and replace all water closets
2. Provide the following for the comfort rooms:
 - a. 8 sets colored tank type water closet
Note: All fixtures must be HCG, American Std, Toto or approved equivalent
 - b. 16 units heavy duty faucet (US std.)

V. Electrical Works

1. Supply and installation of feeder lines from new MDP to source (117.0 meters).
2. Supply and installation of panel board and circuit breakers except LP1 and LP2.
Note: Bolt-on type, Nema standard should be used.
3. Supply and installation of conductors and PVC conduit/ junction box/ utility box from main panel to convenience outlet/ light outlet.
 - a. PVC conduit orange pipe
 - b. Utility and junction boxes should be PVC and deep type
4. Fabrication, supply and installation of cable tray for air-conditioning wirings.
5. Supply and installation of electrical outlets for aircon.
 - a. Convenience outlets (Bticino, National or its equivalent)
6. Repair/replacement of existing wirings, outlets and switches.

- 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.