



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

BILL OF QUANTITIES

REPAIR AND IMPROVEMENT OF TWO UNITS GOAT HOUSE ABC: 1,207,770.57 COLLEGE/UNIT/CAMPUS: CAFENR			Bill of Quantities		
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	DISMANTLING AND CHIPPING WORKS (Pesos _____ _____ and _____ centavos)				
II	CONCRETE & MASONRY WORKS (Pesos _____ _____ and _____ centavos)				
III	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
IV	CARPENTRY WORKS (Pesos _____ _____ and _____ centavos)				
V	TRUSSES/ ROOFING WORKS (Pesos _____ _____ and _____ centavos)				
VI	PLUMBING WORKS (Pesos _____ _____ and _____ centavos)				
VII	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 TWO UNITS GOAT HOUSE

GENERAL NOTES:

1. The project should be finished for 60 calendar days.
2. Actual site inspection is a must.
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.
4. Mobilization
 - a. Provide the following:
 1. Billboard
 2. Bank house, temporary site enclosure and temporary comfort rooms
 3. Site enclosure

B. Technical Description

I. Dismantling and Chipping Works

1. Dismantling of all existing trusses/roofing and columns.
2. Chipping of existing pedestal columns.

II. Concrete and Masonry Works

1. Concreting of columns, beams and stairs (See plan for details).
2. Concrete mix should be 3,500 psi @ 28 days.
3. Retouching of all chips and cracks.
4. Concrete and masonry works should be plastered plain cement.

III. Miscellaneous Works

A. Supply and installation of the following:

1. Steel door, 0.60m. x 1.20m. (22 sets)
 - Steel matting with 1" G.I. pipe frame, complete with all accessories
2. Steel door, 0.80m x 2.0m. (2 sets)
 - Steel matting with 1" G.I. pipe frame, complete with all accessories
3. Steel matting perimeter walls
 - Steel matting with 12mm Ø deformed bar at 0.60m on center both ways
4. Steel matting partitions
 - Steel matting with 1 & ½" G.I. pipe S-40

IV. Carpentry Works

1. Provide necessary form lumber and scaffolding for the completion of the project.
2. Provide flooring works
 - Use 2" x 3" good lumber as floor joist space at 0.30m on center
 - Provide bamboo slat for flooring

V. Trusses and Roofing Works

A. Trusses

1. See plans for sizes of bar and other details for the installation of steel trusses
2. This work also includes painting of two (2) coats of epoxy primer and two (2) coats of QDE black.
3. Provide necessary tools and equipment.
4. All joint connections should be fully welded.
5. Use CEE purlins ga. 16, 2" x 4" at 0.60m. on center.
6. Use CEE purlins ga. 16, 2" x 4" and 2" x 6" for fascia board.

B. Roofing

1. Adopt gauge 26 rib type pre-painted roof sheet for roofing and cladding.
2. Adopt gauge 26 pre-painted ridge roll.
3. Adopt gauge 26 pre-painted flushing.
4. All attachments for roofing sheets and ridge roll shall be 2 & ½" teck screw for metal with water sealant.

VI. Plumbing Works

- A. Supply and installation of two heavy duty faucet
- B. Provide PPR pipes and fittings.

VII. Electrical Works

- A. Supply and installation of the following:

1. Feeder line/main line should be from building to secondary post only.
 - Provide THHN 3.50 sq.mm. for feeder lines.
 2. 30 A circuit breakers for each building
 3. PVC conduits/ junction boxes/ utility boxes/ lighting outlets
 - a) PVC conduit orange pipe
 - b) Utility and junction boxes should be PVC and deep type
 - c) THWN stranded wires with sizes indicated in the plan
 4. Electrical fixtures/ switches/ outlets and other electrical devices
 - a) Switches (Bticino, National or approved equal)
 - b) Convenience outlet (2 sets)
 - c) LED bulb 7W (18 sets)
- B. Other matters concerning electrical works.
1. Testing and commissioning of electrical system.
 2. See electrical plans and specifications for additional information.
- C. 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.