



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

BILL OF QUANTITIES

REPAIR AND IMPROVEMENT OF COFFEE PROCESSING (REPLACEMENT OF ROOFING AND INSTALLATION OF TILES) 2nd POSTING ABC: ₱ 2,709,138.78 COLLEGE/UNIT/CAMPUS: MAIN CAMPUS					
					Bill of Quantities
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	CLEARING, DISMANTLING AND EARTHWORKS (Pesos _____ _____ and _____ centavos)				
II	TILE WORKS (Pesos _____ _____ and _____ centavos)				
III	MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos)				
IV	ROOFING WORKS (Pesos _____ _____ and _____ centavos)				
V	ELECTRICAL AND PLUMBING 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 COFFEE PROCESSING (REPLACEMENT OF ROOFING AND INSTALLATION OF TILES) – 2nd POSTING

GENERAL NOTES:

1. The project should be finished for 60 calendar days.
2. There is an existing structure. Site inspection is a must to verify site condition.
 - a. Site temporary enclosure may be blue sack or any suitable materials that may enclose the workplace.
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 office and temporary comfort rooms
 3. Site enclosure

B. Technical Description

I. Clearing, Dismantling and Earthworks

A. Dismantling and Clearing

1. Removal of all roofing sheets for the entire area of the building. Removal of tiles of the comfort rooms.
2. Chipping of ground slab to prepare for installation of tiles.
3. All dismantled materials should be piled and hauled to the designated place.

II. Tile Works

1. All walls and structures affected by the dismantling/repair works should be retouched/be plastered plain cement finish.
2. Supply and installation of locally made 16" x 16" ceramic tiles for the whole untiled flooring of the whole building.
3. For the comfort room:
 - a. Ceramic colored tiles 12" x 12" for flooring.
 - b. 24" x 24" granite tiles for the entire wall with accented dark color (from floor to ceiling)
4. Consult the end-user for color preference of tiles.

III. Miscellaneous Works

1. Provide necessary form lumber and scaffolding needed for the completion of the project.
2. Supply and installation of the following:
 - a. Two units of pre-painted steel flush doors complete with all accessories.
 - b. Aluminum screen for all windows including louver block.
 - c. Aluminum screen door for lavatory counter.
3. Repair of roof ventilator is included.

IV. Roofing Works

1. Supply and installation of gauge 26 (0.5mm) rib type pre-painted long span roofing sheets with 20mm thick insulation (sandwich panel type).

Specifications:

Effective coverage	:	1000 mm
Rib height	:	33 mm
Rib spacing	:	200 mm
Insulation Thickness	:	50 mm
Insulation Materials	:	POLYISOCYANORATE (PIR)
Density	:	32-35 kg/cu.m.
Material Finish	:	Colorlume
Metal Thickness	:	0.50 mm.

2. Adopt 0.5 mm. thk. stainless valley gutter.
3. Provide pre painted ridge roll (0.5 mm. thk.)

4. All attachment for roofing sheet and ridge roll shall be 4" teckscrew for metal.
5. Provide water sealant for all attachment

V. Electrical and Plumbing Works

Supply and installation of the following:

a. Electrical Works:

1. 24 - sets of high bay IP 65 aluminum gear box with metal halide lamps aluminum dome 16" with bulb (400W)
2. 2 - units of exhaust fan (12" x 12") for comfort room.
3. Check and supply additional wirings for the installation of electrical lighting.

b. Plumbing Works:

1. 2 - sets of colored tank type water closet with wall hung lavatory, complete with all accessories.
2. 2 - pcs of heavy duty faucets.
3. 2 - pcs of heavy duty bidet with hose.
4. Check the sewer and water supply lines prior to fixture installation. Provide necessary adjustments/cleaning.
5. Consult the end user for color preference.

C. 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.**

D. 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.