



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

BILL OF QUANTITIES

RENOVATION OF BIRTHING HOME FACILITY 2nd POSTING ABC: ₱2,251,577.34 COLLEGE/UNIT/CAMPUS: MAIN CAMPUS					
				Bill of Quantities	
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	MOBILIZATION (Pesos _____ _____ _____ and _____ centavos)				
II	CHIPPING AND DISMANTLING WORKS (Pesos _____ _____ _____ and _____ centavos)				
III	MASONRY WORKS (Pesos _____ _____ _____ and _____ centavos)				
IV	CARPENTRY WORKS (Pesos _____ _____ _____ and _____ centavos)				
V	MISCELLANEOUS WORKS (Pesos _____ _____ _____ and _____ centavos)				
VI	ROOFING WORKS (Pesos _____ _____ _____ and _____ centavos)				
VII	ELECTRICAL WORKS (Pesos _____ _____ _____ and _____ centavos)				

VIII	FIRE PROTECTION WORKS (Pesos _____ _____ and _____ centavos)				
IX	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. RENOVATION OF BIRTHING HOME FACILITY - 2nd POSTING

GENERAL NOTES:

1. The project should be finished in 75 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 works should be disposed properly.

B. Technical Description

I. Mobilization

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. Chipping and Dismantling Works

1. This work includes dismantling of the existing CHB partition wall and dismantling of **ALL** ceiling components and dismantling of existing door and door components. Please refer to the plan or consult the project inspector to identify the partition wall and doors to be chipped and dismantled.
2. The area should be cleared before and after the construction work at least six meters away from the building. Unusable masonry and ceiling components should be disposed of properly.
3. Consult the project inspector for the other scope and technical details of the project.

III. Masonry Works

1. Installation of CHB reinforced with 10 mm Ø deformed bar spaced at 0.60 m. on center every three layers.
 - a. CHB 4" for interior/ partition walls.
2. Consult the end user or project inspector for the other scope and technical details of the project.

IV. Carpentry Work

1. Provide necessary scaffolding for the completion of the project.
2. Remove and replace all existing ceiling components.
3. Provide ceiling works for the entire building:
 - a) Use fiber cement board for interior ceiling boards.
 - b) Use metal furring as ceiling runner and ceiling joist at 0.40 m. on center both ways.
 - c) Provide decorative wooden molding to all interior ceiling perimeter and corners.
 - d) Use pre-painted spandrel for exterior ceiling boards.

V. Miscellaneous Works

Supply and installation of the following:

1. 3 sets of D-1 0.80m X 2.10m steel door complete with accessories
2. 5 sets of D-2 1.00m X 2.10m steel panel door with 1/4" thick clear glass view window complete with accessories.
3. 1 set of D-3 1.00m X 2.10m steel double leaf door with protection plate complete with accessories

VI. Roofing Works

1. Provide water sealant for all attachment and holes present in the roof (water sealant should be provided for both inside and outside surface of teck screw head).

VII. Electrical Works

1. Dismantling of existing electrical equipment needed to be replaced.
2. Supply and installation of panel boards and circuit breakers including the tapping/connection to the source. See schedule of loads and electrical plans for details and specifications.

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/ ACU outlet

V01-2018-06-14

- a. PVC conduit orange pipe and RSC/IMC metal conduit.
- b. Utility and junction boxes should be PVC and deep type
- c. THHN and THW copper stranded wire, Phelps Dodge or approved equal.
 -Refer to the Schedule of loads for size and color coding of conductor wires.
 -THW type of conductor wires for outdoor installation.
- 4. 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 (11 sets)
 - d. 1-18W (4') LED fluorescent lamp with diffuser (19 sets)
 - e. 2-9W (2') LED fluorescent lamp with diffuser (5 sets)
 - f. 9W LED light bulb (7 sets)
 - g. 9W LED pin light (15 sets)
 - h. Fire/ Emergency exit light (2 sets)
 - i. Emergency light twin head (14 units)
 - j. ACU 1.0 HP split type with mounting bracket (8 outdoor and indoor units)
 - k. ACU 1.5 HP split type with mounting bracket (1 outdoor and indoor unit)
- 5. Supply and installation of the following:
 - a. KWH digital meter as per design
 - b. Generator set and Manual Transfer Switch with MCCB and housing
- 6. Include tapping to the source, testing and commissioning.
- 7. Consult the project inspectors for details and extent of work.

VIII. Fire Protection Works

- 1. Supply and installation of conductors, PVC conduit/ junction box and accessories
- 2. Supply and installation of the following:
 - a. 4 - units stored pressure type HCFC 123 CEA fire extinguisher
 - b. 2 - units fire alarm bell with control
 - c. 1 - unit fire alarm control panel
 - d. 15 - units smoke detector
 - e. 1 - unit heat detector
- 3. Include testing and commissioning.
- 4. Consult the project inspectors for details and extent of work

IX. Painting Works

For painting works, **ALL INTERIOR CEILING COMPONENTS AND ROOFING COMPONENTS ARE TO BE PAINTED.**

- 1. Wood
 - a. Apply one coat of flatwall enamel white. Allow to dry overnight.
 - b. Repair minor surface imperfections with glazing putty. Let dry then sand.
 - c. Apply at least two coats of Quick Dry Enamel in the desired color. Allow an overnight intercoating interval.
- 2. Metal
 - a. Apply epoxy primer by brush or spray. Allow to dry for 24 hours. Apply suitable putty on imperfections. Let dry then sand.
 - b. Apply at least two coats of Quick Dry Enamel in the desired color.

Note: Color of paint will depend upon the preference of the END-USER. Paints and its accessories should be BOYSEN or approved equal.

- C. 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.
- D. 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.**
- E. 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.