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

BILL OF QUANTITIES

CONSTRUCTION OF SEMI PERMANENT CLASSROOMS AT TRECE CAMPUS
ABC: ₱ 1,679,414.03 **Bill of Quantities**
COLLEGE/UNIT/CAMPUS: TRECE CAMPUS

Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	MOBILIZATION (Pesos _____ _____ _____ and _____ centavos)				
II	EXCAVATION WORKS (Pesos _____ _____ _____ and _____ centavos)				
III	CONCRETE WORKS (Pesos _____ _____ _____ and _____ centavos)				
IV	CARPENTRY WORKS (Pesos _____ _____ _____ and _____ centavos)				
V	STEEL WORKS (Pesos _____ _____ _____ and _____ centavos)				
VI	TRUSSES AND ROOFING 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: _____

SCOPE OF WORK:

A. CONSTRUCTION OF SEMI PERMANENT CLASSROOMS AT TRECE CAMPUS

GENERAL NOTES:

1. The project should be finished in 75 calendar days.
2. There is an existing structure. Site inspection is a must to verify site condition.
3. The area should be cleared/cleaned before and after construction work at least ten meters away from the building line. Notify the end-user regarding the properties that need to be hauled away from the site prior to construction.

B. Technical Description

I. Mobilization

1. This work includes the following:
   a. Site preparation
   b. Site temporary enclosure may be blue sack or any suitable materials that may enclose the workplace.
   c. Mobilization and Demobilization
   d. Office/Bunk house, etc.

II. Excavation Works

1. This work includes excavation of footings and backfilling works and other earthworks.

III. Concrete Works

1. Concrete works include columns, beams, column footings, and wall footings.
2. Concrete should be plain cement finish.
3. Provide necessary tools and equipment needed in execution of concrete works.
4. Use deformed bar grade 40.
5. Provide 10mm Ø reinforcing steel bars at 0.30m in center both ways on slab on fill.
6. Provide necessary tools and equipment needed in execution of steel works

IV. Carpentry Works

1. Construction of dry wall partition.
   a) Use metal studs and track as framing.
   b) Use 12mm thick ordinary gypsum board as dry wall board.
   c) Spacing of metal studs must be 0.40m on center both vertical and horizontal.
   d) Use block screw on metal studs to secure its position.

V. Steel Works

1. Use 4” pre-painted GI pipe as structure’s column attached to the concrete pedestal.
2. All joint connections should be fully welded.
3. Use 2” x 4” pre-painted tubular for perimeter baluster of the structure.
4. See plan for the extent and details of steel works.

VI. Trusses and Roofing Works

1. Adopt gauge 26 (0.5 mm.) rib type pre-painted roofing sheets.
2. All joint connections should be fully welded.
3. All attachments for roofing sheets shall be 4” tek screw for metal connection.
4. Provide water sealant for all attachment (water sealant should be provided for both inside and outside surface of tek screw head).
5. See plan for details.

VII. Electrical Works

1. Supply and installation of conductors and PVC conduit/ junction box/ utility box from main panel to convenience outlets/ light outlet.
   a) Use PVC conduit orange pipes.
   b) Utility and junction boxes should be PVC and deep type.
2. Supply and installation of electrical fixtures/ switches/ outlets and other electrical devices.
   a) 18W light tube with fixture
   b) 1 gang switch, 15A 300 VAC
3. Include testing and commissioning.
4. Consult inspectors for details and extent of work.
5. Tap to existing source.

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. Resident site engineer is a must for the projects to be undertaken by the contractor of the university. In cases where there are electrical works, it is required that an electrical engineer or a master electrician be a part of the contractor's team to supervise all electrical works. Likewise, master plumbers must supervise plumbing works. It can be considered when only one person is the master plumber and master electrician at the same time as long as his major duty is supervision of both fields. Safety engineer is a must as per DOLE requirement. **Note: All key personnel should be included in the list of personnel for submission.**

E. In cases of participation in two or more projects, the set of workers and foreman shall be different per project, however, the set of engineers and equipment may be reused**.**

F. Construction safety and health program as well as construction schedule (PERT/CPM/S-Curve) shall be provided by the winning bidder.

G. 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.