



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

BILL OF QUANTITIES

| IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVELOPMENT AND LOCAL TOURISM (SALUYSOY RESORT) 2nd POSTING ABC: ₱ 6,596,351.22 COLLEGE/UNIT/CAMPUS: MAIN CAMPUS | | | | | |
|---|--|------|----------|--------------------|----------------|
| Bill of Quantities | | | | | |
| Item No. | Description | Unit | Quantity | Unit Price (Pesos) | Amount (Pesos) |
| I | EARTHWORKS (Pesos _____ _____ and _____ centavos) | | | | |
| II | CONCRETE WORKS (Pesos _____ _____ and _____ centavos) | | | | |
| III | MASONRY AND TILE WORKS (Pesos _____ _____ and _____ centavos) | | | | |
| IV | CARPENTRY WORKS (Pesos _____ _____ and _____ centavos) | | | | |
| V | MISCELLANEOUS WORKS (Pesos _____ _____ and _____ centavos) | | | | |
| VI | RAFTER AND ROOFING WORKS (Pesos _____ _____ and _____ centavos) | | | | |
| VII | ELECTRICAL WORKS (Pesos _____ _____ and _____ centavos) | | | | |

| | | | | | |
|---|--|--|--|--|--|
| VIII | 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. IMPROVEMENT OF WATER SPORTS FACILITY FOR SPORTS DEVELOPMENT AND LOCAL TOURISM (SALUYSOY RESORT) - 2nd POSTING

GENERAL NOTES:

1. The project should be finished for 120 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 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. Earthworks

- A. Excavation/backfilling/chipping/clearing
 1. Remove and replace all gazebos.
 2. This work includes chipping and excavation and backfilling for footings.

II. Concrete Works

- A. Construction of Retaining walls (57.60 meters)
 1. Concrete walls include wall footings and retaining walls.
 2. Strength of concrete to be adopted shall be **3,500 psi**.
 3. Cast-in-place concrete
 - Concrete works should be rough cement finish.
 - Use deformed bar grade 40. See plan for sizes of bars needed.
- B. Construction of retaining wall between two pools (20.0 meters) and railing at view deck (24 meters)
 1. Concrete walls include wall footings and retaining walls.
 2. Strength of concrete to be adopted shall be **3,500 psi**.
 3. Cast-in-place concrete
 - Concrete works should be rough cement finish.
 - Use deformed bar grade 40. See plan for sizes of bars needed.
- C. Construction of stairs (70.0 meters)
 1. Concrete walls include wall footings and steps.
 2. Strength of concrete to be adopted shall be **3,000 psi**.
 3. Cast-in-place concrete
 - Concrete works should be rough cement finish.
 - Use deformed bar grade 40. See plan for sizes of bars needed.
- D. Construction of walkway (190.0 x 1.30 x 0.10 meters)
 1. Strength of concrete to be adopted shall be **3,000 psi**.
 2. Cast-in-place concrete
 - Concrete works should be rough cement finish.
 - Use deformed bar grade 40. See plan for sizes of bars needed.
- E. Construction of two gazebos
 1. Concrete works include columns/wall footings, tie beams and slab.
 2. Strength of concrete to be adopted shall be **3,500 psi**.
 3. Cast-in-place concrete
 - Concrete works should be rough cement finish.
 - Use deformed bar grade 40. See plan for sizes of bars needed.
- F. Concreting of second floor of existing two cottages
 1. Provide metal decking with rebars
 - Concrete works should be plain cement finished.
 - Use deformed bar grade 40. See plan for sizes of rebars.

III. Masonry and Tile Works

1. Provide CHB #4 for stairs going to the river.

2. Supply and installation of unglazed ceramic tiles for two units gazebos.
3. Provide rubble finish design for all columns (gazebo), retaining wall (between pool) and railing at view deck.
4. Replacement of all damaged/dilapidated tiles for all swimming pools.
5. Retouching of all chips and cracks of existing stairs.

IV. Carpentry Works

1. Provide formworks and scaffolding.

V. Miscellaneous Works

A. Supply and installation of the following:

1. 2" stainless pipe (404) for stair railings of existing two stairs
2. 1" stainless pipe (404) for ladder of swimming pool (A). Removal of existing ladder is included.
3. 2" G.I. pipe (S-40) for stair railings of stair going to the river
4. 3" G.I. pipe (S-40) for railings of view deck

VI. Rafter and Roofing Works

A. Rafter

1. See plans for sizes of bars 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 Quick Dry Enamel black.
3. Provide necessary tools and equipment.
4. All joint connections should be fully welded.
5. Use galvanized tubular bar 2" x 4" for purlins at 0.60 meters on center.
6. Use galvanized tubular bar 2" x 6" as fascia board.
7. Provide 4 - 16 mm Ø anchor bolts with nut and washer for each support.

B. Roofing

1. Adopt gauge 26 (0.5mm) rib type pre-painted roof sheets.
2. Adopt gauge 26 x 18 (0.5mm) pre-fabricated and pre-painted ridge roll.
3. All attachment for roofing sheet and ridge roll shall be 2 ½ teckscrew for metal.
4. Provide water sealant for all attachment (water sealant should be provided for both inside and outside surface of teckscrew head).

VII. Electrical Works

A. Supply and installation of the following:

1. 30 units galvanized lamp post (15'), single arm with anchor bolt
2. 30 units LED street light 30-watt, 400K (cool white) 220 V, 3300 lumens, IP 65 435 x 190 80 mm.
3. 12 units wall lamp with LED 7-watt bulb
4. 12 units weatherproof outlet (2-gang)
5. 2 sets 1-gang switch
6. 12 pcs deep type PVC octagonal box
7. 14 pcs deep type PVC utility box
8. Wirings, fittings, and two panel board with housing are included.

VIII. Painting Works

1. Repainting of all concrete wall at swimming pool (A) and two cottages
2. Painting of all new structures (two gazebos, view deck railing and retaining wall between two swimming pools).

- 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.