



Republic of the Philippines
CAVITE STATE UNIVERSITY
Don Severino de las Alas Campus
Indang, Cavite, Philippines
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www.cvsu.edu.ph

INVITATION TO SUBMIT QUOTATION
Proposed Filipino-Chinese Friendship Arch (Straight Contract)

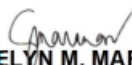
1. The Cavite State University (CvSU) invites interested firms/supplier to submit quotation for the project "**Proposed Filipino-Chinese Friendship Arch (Straight Contract) (Straight Contract)**" with an Approved Budget for the Contract (ABC) **Four Hundred Seventy-Six Thousand Two Hundred Eighty-Eight Pesos and 02/100 Only (PhP 476,288.02)**. Quotation received in excess of the ABC shall be automatically rejected at the opening.

Item No.	Quantity	Unit	Description	Unit Cost	Total Cost
1.	1	Lot	Proposed Filipino-Chinese Friendship Arch (Straight Contract)	476,288.02	476,288.02
TOTAL AMOUNT					476,288.02

2. Delivery Period: ____ calendar days from the receipt of P.O.
3. Price quotations must be valid for a period of sixty (60) calendar days from date of submission and shall include all taxes, duties and/or levies payable. Bidders shall also indicate the brand and model of the items being offered.
4. Warranty shall be for a period of six (6) months for supplies and materials. Warranty for equipment must not be less than one (1) year from the date of acceptance and shall be accompanied with Warranty Certificate.
5. The quotation must be submitted to the Procurement Office through mail, fax or email at the contact details listed below **on or before 5:00 PM of July 26, 2023**.

Address : Procurement Office, Administration Building
Cavite State University
Indang, Cavite
E-mail : procurementoffice@cvsu.edu.ph / rfqmain@cvsu.edu.ph
Telefax : (046) 889-6373

6. The CvSU reserves the right to reject any or all quotations and/or proposals and waive any formalities/informalities therein and to accept such bids it may consider as most advantageous to the agency and to the government. CvSU neither assumes any obligation for whatsoever losses that may be incurred in the preparation of bids, nor does it guarantee that an award will be made.


ROSELYN M. MARANAN
BAC Secretary, Goods and Consulting Services



Republic of the Philippines
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 Indang, Cavite

BILL OF QUANTITIES

NAME OF PROJECT: PROPOSED FILIPINO-CHINESE FRIENDSHIP ARCH (BY STRAIGHT CONTRACT) ABC: ₱ 476,288.02 COLLEGE/UNIT/CAMPUS: CvSU INDANG CAMPUS					
Bill of Quantities					
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	Earthworks (Pesos _____ _____ and _____ centavos)				
II	Formworks (Pesos _____ _____ and _____ centavos)				
III	Concrete and Masonry Works (Pesos _____ _____ and _____ centavos)				
IV	Tile Works (Pesos _____ _____ and _____ centavos)				
V	Plumbing and Electrical Works (Pesos _____ _____ and _____ centavos)				
VI	Painting Works (Pesos _____ _____ and _____ centavos)				

VII	Trusses and Roofing Works (Pesos _____ _____ and _____ centavos)				
VIII	Miscellaneous 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 WORKS:

A. PROPOSED FILIPINO-CHINESE FRIENDSHIP ARCH

1. The project must be finished in 60 working days.
2. Actual site inspection is a must.
3. The area should be cleared before and after the construction work at least twelve meters away from the job site. Unusable formworks, excessive soil fill and all other unwanted debris of rehabilitation works should be disposed properly.

B. TECHNICAL DESCRIPTION

I. Earthworks

1. Mobilization/demobilization of tools, equipment and manpower including billboard, bunkhouse, site enclosure and etc.
 - a. The scope involves mobilization and demobilization of equipment/manpower upon the start and completion of the project.
 - b. Securing the site by putting temporary enclosure to ensure the safety of the workers and other personnel.
 - c. Installation of signage/billboard for project information.
 - d. Construction of temporary bunkhouse
2. Demolition
 - a. There is an existing concrete structure for total demolition and clearing.
 - b. Use necessary tools and equipment for the demolition of structure
 - c. End User/Inspector for the disposal of all demolished structure
3. Excavation. This work will include:
 - a. Footing
 - b. Wall footing

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- c. Floor slab
 - d. Staircase footing
 - e. Water supply pipeline
 - f. Power supply pipeline
4. Additional Fill. This work will include:
- a. Spreading, leveling and compacting of 0.05 m. thick gravel fill on prepared compacted earth soil bedding.
 - b. Provide 0.05 m. gravel fill on slab on fill and footings.
 - c. Leveling and Compacting. This work will include:
 - c.1 Floor slab
 - c.2 Steps/stairs
 - c.3 Fountain area
5. Hauling of Debris
- a. This work will include hauling of debris and cleaning of area prior to accomplishment of the project

II. Formworks

- 1. Use appropriate materials for formworks.

III. Concrete and Masonry Works

1. Concrete Works

- a. Concrete works include columns, footings, floor slab, stairs and all other concrete component indicated in the plan and needed to complete the structure.
 - a.1 Column Footing
 - a.1.1 Footing size is 300mm (D) x 1200mm (L) x 1500mm (W)
 - a.1.2 Concrete mixture is Class A
 - a.1.3 Provide 50mm aggregates
 - a.1.4 Reinforcement
 - a.1.4.1 Provide 16mm ϕ reinforcement steel bar spaced at every 100mm, bothways, o.c.b.w.
 - a.2 Column
 - a.2.1 Column size is 400mm (L) x 400mm (W) x 4.574m (H) (approx.)
 - a.2.2 Concrete mixture is Class A
 - a.2.3 Reinforcement
 - a.2.3.1 Provide 4-16mm ϕ long reinforcement steel bar and 10mm ϕ reinforcement steel bars as stirrups spaced at every 2-50mm, 4-75mm, 6-100mm and rest @ 200mm o.c.
 - a.2.4 Plain cement finished
 - a.3 Wall Footing (including staircase area)
 - a.3.1 Wall footing size is 100mm (D) x 400mm (W) x 18.75m (L) (approx.)
 - a.3.2 Concrete mixture is Class A
 - a.3.3. Provide 50mm aggregates
 - a.3.4 Reinforcement
 - a.3.4.1 Provide 3-100mm reinforcement steel bar at horizontal reinforcement.
 - a.4 Pedestal
 - a.4.1 Column size is 625mm (L) x 400mm (W)
 - a.4.2 Concrete mixture is Class A
 - a.4.3 Reinforcement
 - a.4.3.1 Provide 6-16mm ϕ long reinforcement steel bar and 10mm ϕ reinforcement steel bars as stirrups spaced at every 2-50mm, 4-75mm, 6-100mm and rest at 200mm o.c.
 - a.4.4 Sand blasted finished
- a.6 Floor Slab

- a.6.1 Floor slab size is 100mm (D) x 2.70m (L) x 2.70m (W)
 - a.6.2 Concrete mixture is Class A
 - a.6.3 Provide 50mm aggregates
 - a.6.4 Reinforcement
 - a.6.4.1 Provide 10mm ϕ reinforcement steel bar spaced at every 100mm, bothways, o.c.b.w..1
 - a.7 Fountain Area
 - a.7.1 Floor slab size is 100mm (D) x 2.70m (L) x 1.95m (W)
 - a.7.2 Concrete mixture is Class A
 - a.7.3 Provide 50mm aggregates
 - a.7.4 Reinforcement
 - a.7.5 Provide 10mm ϕ reinforcement steel bar spaced at every 100mm, bothways, o.c.b.w.
 - b. All concrete works must be plain cement finished.
 - c. See plan for the details, specification of concrete/rebar and extent of works.
 - d. Provide necessary tools and equipment needed for the completion of works.
- 2. Masonry Works
 - a. Installation of CHB at staircase and fountain area
 - a.1 CHB Laying
 - a.1.1 Laying of 4" concrete hollow blocks
 - a.1.2 Adapt Class B mortar and plaster mixture
 - a.2 Reinforcement
 - 1.2.1. Use 10mm ϕ corrugated steel bar as vertical reinforcement spaced at every 800mm and horizontal reinforcement
 - b. All masonry works including the interior wall of the fountain's water tank must be plain cement finished.

IV. Tile Works

- 1. Floor Tiles
 - a. Installation of floor tiles including steps and riser
 - a.1 Use 600mm x 600mm ceramic tiles (homogeneous) for flooring including steps and riser
 - a.2 Consult project inspector/end-user for tile design, color and reference
 - a.3 Tiles will be subjected to inspection and approval before installation by the project inspector/end user of the project
 - a.4 Provide 3-5mm tile spacing for floor tiles and 2-3mm tile spacing for wall tiles
 - b. Apply tile grout
 - b.1 Use suitable color for grouting
 - b.2 Clean residue prior to accomplishment of the project
- 2. Decorative Stone
 - a. Installation of decorative stone at fountain area (exterior wall only)
 - a.1 Consult project inspector/end-user for tile design, color and reference
 - a.2 Deco stone will be subjected to inspection and approval before installation by the project inspector/end user of the project.

V. Plumbing and Electrical Works

- 1. Plumbing Works
 - a. Roughing-in
 - a.1 Installation of water supply pipeline at fountain area.
 - a.1.1 Use 20mm ϕ PP-R pipe, PN 10, for water supply pipeline.
 - a.1.2 Install 20mm PP-R gate valve/compact gate valve.
 - a.1.3 Use suitable PP-R water supply fittings and appropriate tools and equipment upon installation
 - a.1.4 Tap from the nearest/existing water supply.
 - a.2 Installation of storm drain pipeline.
 - a.2.1 Use 34mm ϕ PPR pipe, PN 20, for storm drain pipeline

- a.2.2 Use suitable PP-R fittings and appropriate tools and equipment upon installation.
 - a.2.3 Tap to the nearest/existing catch basin.
 - b. Installation of plumbing fixtures:
 - b.1 Installation of 60 Watts submersible pump motor with filter and 3 nozzle fountain set.
- 2. Electrical Works
 - a. Roughing-in
 - a.1 Installation of power supply line at the fountain area and at the proposed arch.
 - a.1.1 See E-1 for General Notes and Specifications
 - b. Installation of lighting fixtures and wiring devices
 - b.1 Fountain Area
 - b.1.1 Installation of 8 sets of 3-5 Watts LED submersible (IP-68) light, warm white
 - b.2 Proposed Arch
 - b.2.1 Installation of 2 sets of 9-11 Watts LED floor mounted outdoor lamp (IP-67), warm white, in front of the Chinese Foo Dog statue.
 - b.2.2 Installation of 2 sets of 20 Watts LED spotlight (IP-67), warm white, in each side of the arch's columns.
 - b.3 Installation of 2P surface-type panel board with enclosure (NEMA 3R) with 4 branches including 1-30 AT CB (main), 3- 20 AT and spare, bolt-on
 - c. Tap to the nearest/existing power supply source.

VI. Painting Works

- 1. Painting of columns, pedestals, ornaments and fountain
 - a. Use pre-mix waterproofing elastomeric paint
 - b. Painting Schedule:
 - b.1 Surface Preparation
 - b.1.1 Allow new concrete to cure for at least four (4) weeks. All surfaces should be sound, clean, dry and free from loose and flaking material, dust, dirt, oil, efflorescence, laitance, and other contaminants. Treat with concrete neutralizer and let dry before dusting off the formed white crystalline deposits.
 - b.2 Painting Application
 - b.2.1 Number of Coats:
 - b.2.1.1. Apply at least three (3) coats of pre-mix elastomeric waterproofing paint by brush, roller or airless spray.
 - b.2.1.2. See attached plan for details and reference.
- 2. Painting of steel trusses
 - a. Use pre-mix quick drying enamel (chocolate brown) for second and top coat
 - b. Painting Schedule:
 - b.1 Surface Preparation
 - b.1.1 Wipe the surface with rag soaked in paint thinner to remove dust, dirt, grease, oil, wax and other foreign matter
 - b.2 Painting Application
 - b.2.1 Prime bare metal with red oxide primer. Let dry eight (8) hours before recoating. Topcoat with 2-3 coats of quick drying enamel. Let dry overnight before recoating.

VII. Trusses and Roofing

- 1. Fabrication of steel truss
 - a. See plans for details and reference.
 - b. All joint connections should be fully welded.
 - c. Use 3mm thick x 50mm x 100mm C-Channel for roof framing.
 - d. Use 3mm thick x 50mm x 100mm C-Purlins spaced @ 0.30M.O.C. for roof framing

2. Roofing Works
 - a. All attachment for roofing sheet and ridge roll shall be 2 1/2" teckscrew for metal.
 - b. Provide water sealant for all attachment (water sealant should be provided for both inside and outside surface of teckscrew head)
 - c. Use 6mm thick tiles pan roofing sheet in spanish red

VIII. Miscellaneous Works

1. Supply and installation of decorative tubular lattice
2. Supply and installation of two pre-cast Chinese Foo Guarddog concrete sculpture
3. Supply and installation of mythical beast sculpture at roofing
4. Supply and installation of Chinese Elm Tree Penjing with vessel
5. Supply and installation of signage

IX. Note

1. See approved plans and consult end user/project inspector for details/extent of work. The silence of specification, plans, special provision and supplementary specifications as to any detail, or the apparent omission therein of a 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.
2. All works will be facilitated by the contractor.
3. All tools and equipment necessary for executing the work will be provided by the contractor. Construction of the main gate facade and modern design steel gate
4. Works that are necessary but are not cited in the above specifications will be facilitated by the contractor.
5. Materials that are necessary but are not included in the above program of works will be provided by the contractor.
6. No modifications will be done without the approval of end user, project inspector and implementor.
7. Verify actual measurement on site.