



Republic of the Philippines  
**CAVITE STATE UNIVERSITY**  
**Don Severino de las Alas Campus**  
Indang, Cavite, Philippines  
☎ (046) 889-6373  
[www.cvsu.edu.ph](http://www.cvsu.edu.ph)

**INVITATION TO SUBMIT QUOTATION**  
**Construction of Generator Housing and Installation of Generator Set at CvSU**  
**Maragondon Campus (Straight Contract)**

1. The Cavite State University (CvSU) invites interested firms/supplier to submit quotation for the project "**Construction of Generator Housing and Installation of Generator Set at CvSU Maragondon Campus (Straight Contract)**" with an Approved Budget for the Contract (ABC) **Eight Hundred Eighty Thousand Four Hundred Twelve Pesos and 27/100 Only (PhP 880,412.27)**. 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	Construction of Generator Housing and Installation of Generator Set at CvSU Maragondon Campus (Straight Contract)	880,412.27	880,412.27
			(See attached Bill of Quantities and Plan)		
<b>TOTAL AMOUNT</b>					<b>880,412.27</b>

2. Contract duration: **30** calendar days from the receipt of contract.
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. The offer 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 December 11, 2024**.

Address : Procurement Office, Administration Building  
Cavite State University  
Indang, Cavite  
E-mail : [svpinframain@cvsu.edu.ph](mailto:svpinframain@cvsu.edu.ph)  
Telefax : (046) 889-6373

5. 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.

  
**MICHELLE A. SANTOS**  
BAC Secretary, Infrastructure Projects



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

**BILL OF QUANTITIES**

<b>NAME OF PROJECT: CONSTRUCTION OF GENERATOR HOUSING AND INSTALLATION OF GENERATOR SET (STRAIGHT CONTRACT)</b> <b>ABC: ₱ 880,412.27</b> <b>COLLEGE/UNIT/CAMPUS: MARAGONDON CAMPUS</b>					
					<b>Bill of Quantities</b>
Item No.	Description	Unit	Quantity	Unit Price (Pesos)	Amount (Pesos)
I	<b>PRELIMINARY WORKS</b> (Pesos _____ _____ and _____ centavos)				
II	<b>EXCAVATION WORKS</b> (Pesos _____ _____ and _____ centavos)				
III	<b>CONCRETE WORKS</b> (Pesos _____ _____ and _____ centavos)				
IV	<b>MASONRY WORKS</b> (Pesos _____ _____ and _____ centavos)				
V	<b>TRUSSES &amp; ROOFING WORKS</b> (Pesos _____ _____ and _____ centavos)				
VI	<b>STEEL WORKS</b> (Pesos _____ _____ and _____ centavos)				
VII	<b>ELECTRICAL WORKS</b> (Pesos _____ _____ and _____ centavos)				
<b>GRAND TOTAL</b>					_____
<b>Write grand total in words</b>					_____ _____ _____

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

Name of Bidder/Bidder's Representative: \_\_\_\_\_

Position: \_\_\_\_\_

Construction Company/Contractor: \_\_\_\_\_

**SCOPE OF WORKS:**

**A. CONSTRUCTION OF GENERATOR HOUSING AND INSTALLATION OF GENERATOR SET AT CvSU MARAGONDON CAMPUS**

1. The project should be finished for 30 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. PRELIMINARY WORKS**

1. Site preparation/temporary enclosure/mobilization/demobilization

**II. EXCAVATION WORKS**

1. It includes excavation for footings, wall footings and other necessary excavation works to complete the project.

**III. CONCRETE WORKS**

1. Concrete works include column. Footings and wall footing.
2. Concrete should be plain cement finish.
3. Provide necessary tools and equipment needed in concrete works.
4. Use deformed bar grade 40.
5. Provide 10mm RSB @0.30 meter on center both ways on slab on fill.
6. Provide necessary tools and equipment needed in steel works.

**IV. MASONRY WORKS**

1. Supply and installation of CHB reinforced with 10 mm deformed bar spaced at 0.60 m on center every 3 layers.
  - a. CHB 5" for GRID A-B @ GRID 2
2. Masonry works should be plastered and painted finish.

**V. TRUSSES & ROOFING WORKS**

1. Adopt pre-painted roofing.
2. All attachment for roofing sheet shall be 4" teckscrew for metal connection.
3. Use pre painted 2" x 4" CEE purling & 2" x 6" Tubular for roof framing.
4. See roof framing plan for details.
5. Provide water sealant for all attachment (water sealant should be provided inside and outside of the connection).

**VI. STEEL WORKS**

1. Use 1-1/2" x 1-1/2" x 20' Angle bar (1/4" thk.) for framing of the galvanized Steel matting gauge 10.
2. Provide door openings on the steel matting wall on GRID 1-2 AT GRID B & GRID A-B AT GRID 1 GRID A-B AT GRID 1
3. No permanent welding shall be done until such steel structures are properly aligned.
4. Apply red oxide primer by brush or spray on steel structure. Allow to dry for 24 hours. Apply suitable putty on imperfection.
5. Apply at least two coats of Quick Dry Enamel in the desired color.

**VII. ELECTRICAL WORKS**

1. Hauling of Generator set from Cavite State University Main Campus, Indang Cavite to Cavite State University Maragondon Campus, Maragondon, Cavite.
2. Installation and positioning of generator set to the generator housing.
3. Supply and installation of Manual Transfer Switch, conduit pipes, copper conductor wire, accessories and supports brackets.
  - a. 1 assy. of MTS (Manual Transfer Switch) - 3 Pole, 230 Volts in surface mounted NEMA 1 enclosure using G.I. metal sheet in powder coated wrinkled gray finish with pilot light, GTB, pushlock with key and sliding bar mechanical interlock complete with circuit breakers consist of:

V01-2018-06-14

2 - 500 AT 230V MCCB

b. 150 mm<sup>2</sup> THW stranded cu. Wire (99.9% pure CU. And fire retardant).

Additional leg of feeder line for ACP1 and ACP2.

c. 100 mm<sup>2</sup> THW stranded cu. Wire (99.9% pure CU. And fire retardant).

Additional leg of feeder line for MDP.

d. 30 mm<sup>2</sup> THW stranded cu. Wire (99.9% pure CU. And fire retardant) as grounding wire.

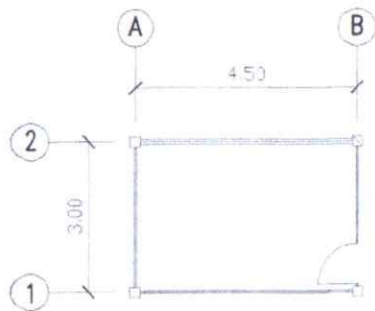
e. PVC orange conduit pipes and fittings

f. Lug shields

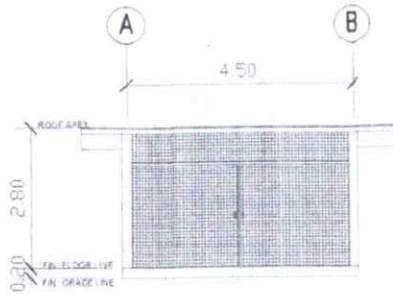
g. Uni-strut clamp

h. Other miscellaneous materials and accessories

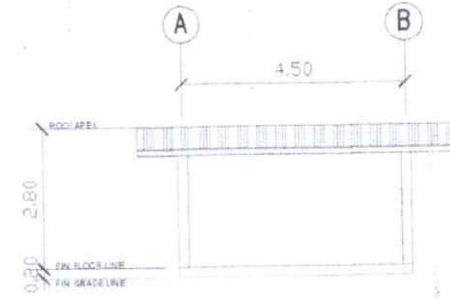
**See plans/consult the end-user and project inspector for details and extent of work.**



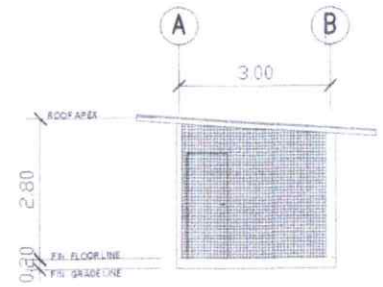
**1**  
**A1** SCALE FLOOR PLAN 1:100 MTS



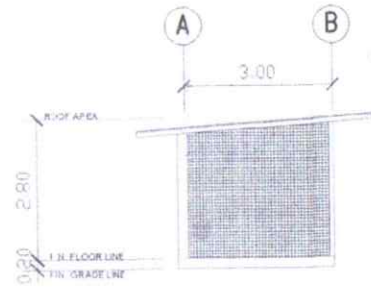
**2**  
**A1** SCALE FRONT ELEVATION 1:100 MTS






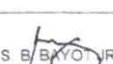




**3**  
**A1** SCALE REAR ELEVATION 1:100 MTS

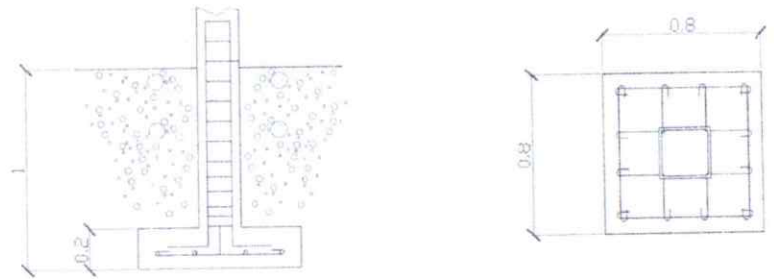
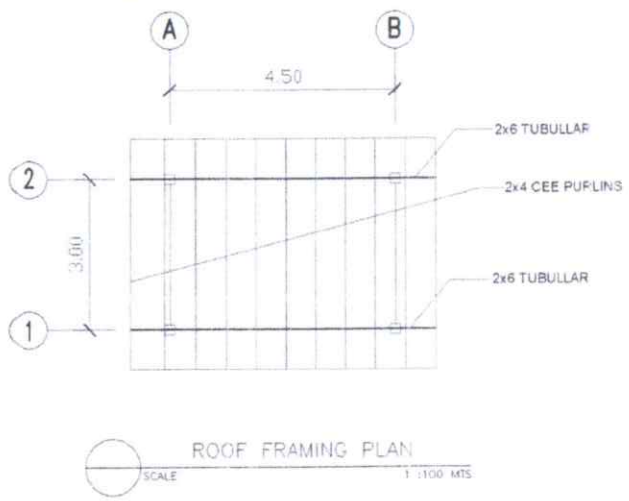
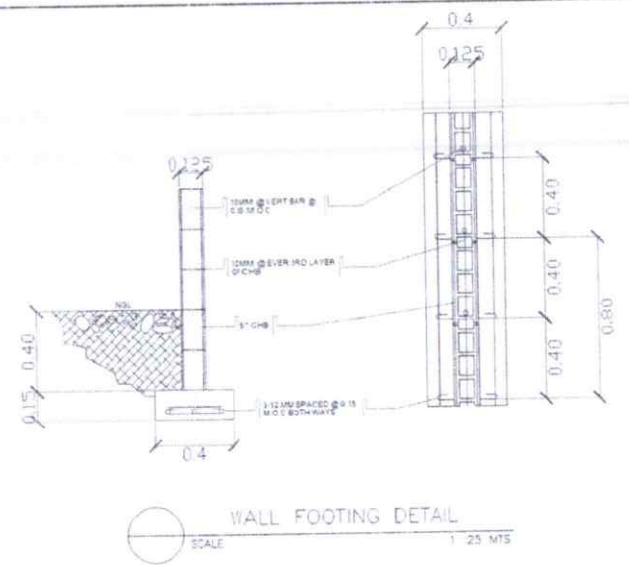
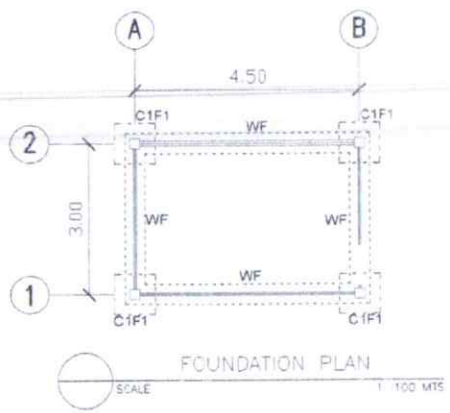


**4**  
**A1** SCALE RIGHT SIDE ELEVATION 1:100 MTS



**5**  
**A1** SCALE LEFT SIDE ELEVATION 1:100 MTS

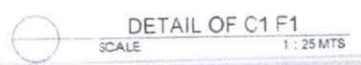
PREPARED BY	END USER	REVIEWED BY	ENDORSED BY	REC. APPROVAL	APPROVED BY	PROJECT TITLE / LOCATION	IMPLEMENTING AGENCY	SHT. NO.	
 R. PASCUAL RDU CUPPD	 M.L. IKAN DEAN CCJ	 E. RODRIGOS ARCHITECT	 S. B. BAYOT JR. HEAD RDU	 O. B. DELOS REYES VP RDU	 A. G. MAGCAYAS VP RDU	 J. X. B. NEPOMUCENO VP RDU	 H. D. ROBLES RDU	HOUSING FOR DIESEL GENERATOR SET CAVITE STATE UNIVERSITY	A-1



SCHEDULE OF COLUMNS

COLUMN	DIMENSION	REINFORCEMENT	NO. OF TIES & SPACING
C1	200 MM X 200 MM	4 - 16mm Ø R.S.B.	2 SETS OF 10mm Ø TIES @ 2-50mm 4-75mm 6-100mm REST @ 200mm C.C

FOOTING 1  
4 - 16mm@175 Ø R.S.B.  
B.W  
FOOTING 1 (F1)



PREPARED BY	END USER	REVIEWED BY	ENDORSED BY	REC. APPROVAL	APPROVED BY	PROJECT TITLE / LOCATION	IMPLEMENTING AGENCY	SHT NO.
R. PASCUAL D.V.P.P.O.	M.L. IKAN DEAN	L. ERICELLA CIVIL ENGINEER	S. B. BAYOT JR. HEAD	O. B. DELOS REYES CIVIL ENGINEER	A. G. MAGCAVAS V.P.P.O.	J. X. B. NEPOMUCENO V.P.A.S.S.	H. D. ROBLES V.P.S.	HOUSING FOR DIESEL GENERATOR SET CAVITE STATE UNIVERSITY S - 1