



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

INVITATION TO SUBMIT QUOTATION
Check and Repair of Existing Airconditioning Units and Installation of Power Supply for CEMDS New Building

1. The Cavite State University (CvSU) invites interested firms/supplier to submit quotation for the project "**Check and Repair of Existing Airconditioning Units and Installation of Power Supply for CEMDS New Building**" with an Approved Budget for the Contract (ABC) of **Six Hundred Thirty-Two Thousand Five Hundred Seventy-Five Pesos and 78/100 Only (PhP 632,575.78)**. Quotation received in excess of the ABC shall be automatically rejected at the opening.

Item No.	Unit	Description	Quantity	Unit Cost	Total Cost
1.	Lot	Check and Repair of Existing Airconditioning Units and Installation of Power Supply for CEMDS New Building (Please see attached Request for Quotation)	1	632,575.78	632,575.78
TOTAL AMOUNT					632,575.78

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 September 30, 2024**.

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




REQUEST FOR QUOTATION

Date: _____
 Ref. No. _____

Company: _____
 Address: _____
 TIN: _____

Sir/Madam:

Please quote your lowest price on the item/s listed below, subject to the **Terms and Conditions** on the last page, stating the shortest time of delivery and submit your quotation duly signed by your authorized representative not later than _____.


PRECIOSA G. ERANA
 OIC, Procurement Office

NOTE:

1. All entries must be written legibly or typewritten.
2. Delivery Period: ____ calendar days from the receipt of P.O.
3. 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.
4. Price validity shall be for a period of ____ calendar days.
5. Bidders shall indicate the brand and model of the items being offered.
6. **Approved Budget for the Contract (ABC): P 632,575.78**

ITEM	ITEM & DESCRIPTION	QTY.	UNIT PRICE	TOTAL PRICE
1	Airconditioning Unit, 3TR/4HP, Floor Mounted, Dual Inverter	1 set		
	Split Type (Installation included with 50AT, 2P, 230V-Circuit Breaker)			
	- 3TR / 4HP			
	- Floor Mounted, Split Type			
	- Dual Inverter			
	- Cooling Capacity: 39,035 kJ/hr			
	- Power Supply: 230V / 1Ph/ 60Hz			
	- Remote Controlled			
	- with PS of ICC mark			
	- Warranty: One (1) year on Parts & labor/service			
	Five (5) years on compressor			
2	I. Mobilization/Demobilization	1 lot		
	II. ELECTRICAL WORKS			
	1. Panel boards & circuit breakers			
	Panel board GAP, 1 Main, 12 Branches, 3P	1 set		
	Main 200AT, 300 AF, 3P, 230V, MCCB			
	8-50AT 2P; 2-30AT 2P; 2-50AT 2P SPARE			
	250AT, 300AF, 3P, MCCB	2 sets		
	200AT, 300AF, 3P, MCCB	1 set		
	50 AT/50 AF/ 2P/230V MCCB with NEMA 3R Metal Enclosure. For A/C outdoor unit.	8 sets		
	30 AT/50 AF/ 2P/230V MCCB with NEMA 3R Metal Enclosure. For A/C outdoor unit.	2 sets		
	(Page 1 of 5)			

After having carefully read and accepted your **Terms and Conditions**, I quote you on the item/s at prices noted above.

 Printed Name/Signature

 Tel. No./E-mail address

Canvassed by:

 Date

 Signature over Printed Name




REQUEST FOR QUOTATION

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- Approved Budget for the Contract (ABC): P 632,575.78**

ITEM	ITEM & DESCRIPTION	QTY.	UNIT PRICE	TOTAL PRICE
2. Wires & cables				
	THHN 125.0 sq. mm. Stranded	10 mtrs.		
	THHN 80.0 sq. mm. Stranded	30 mtrs.		
	THHN 30.0 sq. mm. Stranded	5 mtrs.		
	THHN 22.0 sq. mm. Stranded	10 mtrs.		
	THHN 8.0 sq. mm. Stranded	4 boxes		
	THHN 5.5 sq. mm. Stranded	2 boxes		
	THHN 3.50 sq. mm. Stranded	1 boxes		
	THHN 2.0 sq. mm. Stranded	1 boxes		
3. Electrical conduits & fittings				
	63 mm o PVC orange conduit	2 pcs.		
	40 mm o PVC orange conduit	4 pcs.		
	25 mm o PVC orange conduit	60 pcs.		
	20 mm o PVC orange conduit	20 pcs.		
	Conduit pipe fittings, support, accessories and electrical micellaneous	1 lot		
4. Supply and installation of 1 outdoor ACU including check and repair of other existing ACUs				
	Outdoor unit for 3.0 TR ACU (<i>refer to page 1 for specifications</i>)	1 set		
	Check and repair of existing ACU including the wiring installation and copper tubing.	1 lot		
5. Miscellaneous				
	Skim coat	2 bag		
	Latex paint	2 gal.		
(Page 2 of 5)				

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 Printed Name/Signature

 Tel. No./E-mail address

 Date

Canvassed by:

 Signature over Printed Name




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- Approved Budget for the Contract (ABC): P 632,575.78**

ITEM	ITEM & DESCRIPTION	QTY.	UNIT PRICE	TOTAL PRICE
3	SCOPE OF WORKS			
	A. CHECK AND REPAIR OF EXISTING AIRCONDITIONING UNITS AND INSTALLATION OF POWER SUPPLY FOR CEMDS NEW BUILDING			
	1. The project should be finished for 60 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			
	1. Provide the following:			
	- Billboard			
	- Bankhouse with office			
	- Temporary comfort rooms			
	- Site enclosure			
	ii. Electrical Works			
	1. Supply and installation of panel boards and circuit breakers including the tapping to the source			
	1 set of Panel board GAP, 1 Main, 12 Branches, 3P			
a.	Main: 1-200AT, 300 AF, 3P, 230V, MCCB Branches: 8-50AT 2P; 2-30AT 2P; 2-50AT 2P SPARE			
	Replacement of main circuit breaker of existing panel			
b.	GDP from 160AT, 200AF, 3P, MCCB to 250AT, 300AF, 3P, MCCB			
	Replacement of branch circuit breaker of existing panel			
c.	MDP from 160AT, 200AF, 3P, MCCB to 250AT, 300AF, 3P, MCCB			
	(Page 3 of 5)			

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Printed Name/Signature

Tel. No./E-mail address

Date

Canvassed by:



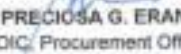
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 Ref. No. _____

Company: _____
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- Price validity shall be for a period of _____ calendar days.
- Bidders shall indicate the brand and model of the items being offered.
- Approved Budget for the Contract (ABC): P 632,575.78**

ITEM	ITEM & DESCRIPTION	QTY.	UNIT PRICE	TOTAL PRICE
d.	Replacement of branch circuit breaker of existing panel GDP from 125AT, 200AF, 3P, MCCB to 200AT, 300AF, 3P, MCCB			
e.	8 sets of 50 AT/50 AF/ 2P/230V MCCB with NEMA 3R Metal Enclosure. For ACU outdoor circuit breaker.			
f.	2 sets of 30 AT/50 AF/ 2P/230V MCCB with NEMA 3R Metal Enclosure. For ACU outdoor circuit breaker. note: Bolt-on type, Nema Standard should be used.			
	Refer to the schedule of load for proper color coding of conductor wires.			
	Any discrepancies or changes shall be promptly notified to the designer or consultant.			
	2. Supply and installation of conductors, PVC orange conduits, conduit fitting and galvanized support brackets from:			
	a. Branch circuit breaker 250AT, 300AF, 3P MCCB (installed at panel MDP) to main circuit breaker (installed at panel GDP). 3-125.00 sq. mm. THHN + 1-30.0 sq. mm. THHN (G) in 63 mm. dia. PVC			
	b. Branch circuit breaker 200AT, 300AF, 3P MCCB (installed at panel GDP) to main circuit breaker (installed at panel GAP). 3-80.00 sq. mm. THHN + 1-22.0 sq. mm. THHN (G) in 40 mm. dia. PVC			
	c. GAP to 10 ACU outdoor circuit breakers. Refer to plan for exact location of panels and circuit breakers.			
	Refer to schedule of loads for wire and conduit size.			
	Specification of materials to be used:			
	a. PVC conduit orange pipe and fittings.			
	b. THHN copper conductor wires. 99.9% copper and fire retardant.			
	c. Galvanized support brackets			
	(Page 4 of 5)			

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Printed Name/Signature

Tel. No./E-mail address

Date

Canvassed by:

Signature over Printed Name




REQUEST FOR QUOTATION

Date: _____
Ref. No. _____

Company: _____
Address: _____
TIN: _____

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4. Price validity shall be for a period of _____ calendar days.
5. Bidders shall indicate the brand and model of the items being offered.
6. **Approved Budget for the Contract (ABC): P 632,575.78**

ITEM	ITEM & DESCRIPTION	QTY.	UNIT PRICE	TOTAL PRICE
	Relocation of 1 set of existing ACU from ground floor to third floor including check and repair of 8 sets of existing ACUs located at the ground floor. Supply and installation of wirings, drain pipe, copper tubing and other ACU accessories.			
	Details of existing ACUs:			
	a. 7 sets of Fujidenzo Floor Standing AirCon FPA-360C			
	b. 1 set of Everest Split type AirCon ETR220ST			
	c. 1 set of TCL Split type AirCon TAC-09CS/LE			
	4. Repair and re-painting of concrete walls to be chipped.			
	a. Skim coat			
	b. Latex paint			
	5. Energize circuit breakers including testing and commissioning of ACU.			
	6. Consult inspectors for details and extent of work.			
	(Page 5 of 5)			

After having carefully read and accepted your **Terms and Conditions**, I quote you on the item/s at prices noted above.

Printed Name/Signature

Tel. No./E-mail address

Date

Canvassed by:

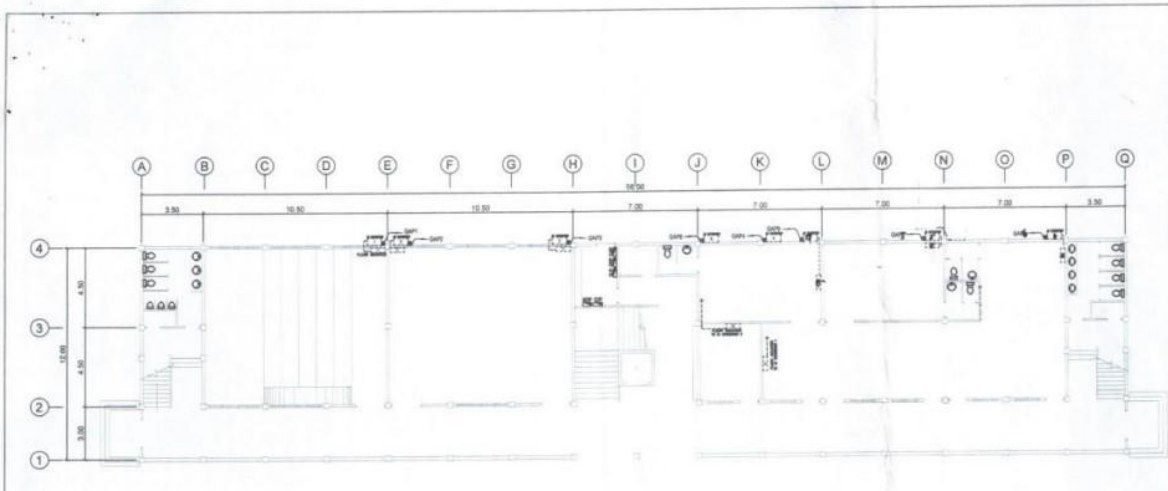
Signature over Printed Name

Please print at the back

IMPORTANT, PLEASE READ:

TERMS AND CONDITIONS

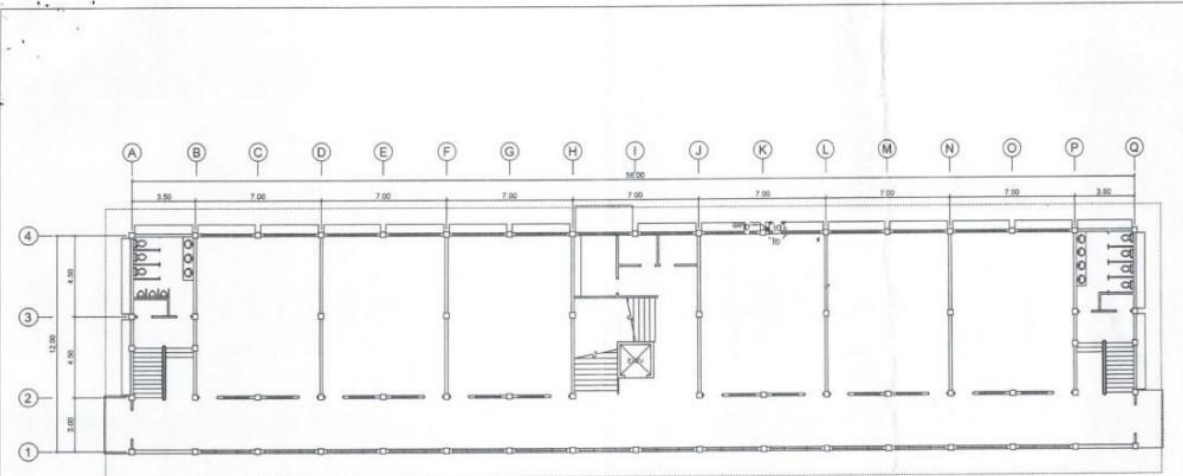
1. Bidders must possess PhilGEPS Registration Certificate, Valid Business Permit, BIR Registration and Official Receipt (OR) duly registered with the BIR. Copy of the first three documents must be submitted to the BAC.
2. Bidders shall provide correct and accurate information required in this form.
3. Bidders may quote for any or all the items.
4. Price quotation/s must be valid for a period of sixty (60) calendar days from date of submission.
5. Price quotation/s shall include all taxes, duties and/or levies payable.
6. Quotations exceeding the Approved Budget for the Contract (ABC) shall be rejected.
7. Any erasures or overwriting should be duly signed or initialed by you or your authorized representative.
8. Brochure and/or manual of operation of the product being offered must be attached with the quotation and the bidder/supplier must be able to demonstrate the operation of the machine upon request.
9. Terms of payment shall be **Charged Account** unless specified.
10. The item/s shall be delivered within the specified number of days of delivery.
11. Liquidated damages equivalent to one tenth (1/10) of one percent (1%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. The University shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.



1
E-1 SCALE 1: 175 M.

PREPARED BY:	END USER:	REVIEWED BY:	ENDORSED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	DATE:
R. J. R. SANCHEZ PECE	MA. S. M. LACANG SMA OWNER	<i>[Signature]</i> S. B. BAYOT JR. PECE PECE ENGINEER	G. B. DELOS REYES PECE MANAGEMENT OFFICER	A. G. MAGDIWAS PECE	J. X. B. NEPOMUCENO PECE	CHECK AND REVIEW OF EXISTING AIRCONDITIONING UNITS AND INSTALLATION OF POWER SUPPLY FOR CBMS NEW BUILDING DATE: 2019-06-07	CAVITE STATE UNIVERSITY	E-1

Activate Windows
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1
E-2 **THIRD FLOOR AIRCONDITION LAYOUT**
 SCALE 1: 175 M.

	PREPARED BY:	ENG. USER:	REVIEWED BY:	DESIGNED BY:	REC. APPROVAL:	APPROVED BY:	PROJECT TITLE / LOCATION:	IMPLEMENTING AGENCY:	REF. NO.
	R. J. R. SANCHEZ	MA. S. M. LEGASPI	S. B. BAYOT JR.	O. B. DELAS REYES	A. G. MAGCAYAS	J. X. B. NEPOMUCENO	CHECK AND REPAIR OF EXISTING AIRCONDITIONING UNITS AND INSTALLATION OF POWER SUPPLY FOR CEMAS NEW BUILDING CAVITE STATE UNIVERSITY	CAVITE STATE UNIVERSITY	E-2

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GENERAL NOTES AND SPECIFICATIONS:

- ALL WORK HEREIN SHALL BE DONE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
- ELECTRICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE, MUNICIPAL/CITY LAWS AND ORDINANCES AND THE REGULATIONS FOR THE LOCAL POWER AND TELEPHONE COMPANY.
- THE JOB SHALL BE EXECUTED IN THE MOST THOROUGH PROMPT AND WORKMANLIKE MANNER EMPLOYING STANDARD TOOLS, EQUIPMENT, METHODS AND GOOD ENGINEERING PRACTICE. THE JOB SHALL BE DONE IN ALL ASPECTS AS REQUIRED PER PLANS AND SPECIFICATIONS AND READY FOR OPERATION.
- THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO PRESENT A GENERAL LAYOUT AND BROAD OUTLINE/DESCRIPTION OF THE PROJECT, BUT DO NOT NECESSARILY INDICATE OR DESCRIBE ACTUAL LOCATIONS, LEVELS AND DISTANCES OF THE EQUIPMENT. THE CONTRACTOR IS HEREBY REQUIRED TO MAKE SUCH ADJUSTMENTS AT THE JOBSITE THAT ARE GOVERNED BY ACTUAL FIELD CONDITION.
- SERVICE VOLTAGE TO THE BUILDING FROM THE POWER SOURCE SHALL BE 230V.
- SERVICE ENTRANCE WIRING SHALL BE RIGID STEEL CONDUIT (RSC).
- FEEDER WIRING SHALL BE ELECTRICAL METALLIC TUBING (EMT).
- BRANCH CIRCUIT WIRING ELECTRICAL METALLIC TUBING (EMT) OR IMC.
- BRANCH CIRCUIT WIRING EMBEDDED IN CONCRETE SHALL BE IN PVC PIPE WITH ADEQUATE GROUND WIRE FOR EQUIPMENT GROUNDING.
- LIGHT SWITCHES SHALL BE 15A, 230VAC.
- ALL MATERIALS SHALL BE BRAND NEW AND OF APPROVED TYPE FOR LOCATION AND PURPOSE INTENDED.
- DEVICES, FIXTURES LOCATED OUTDOOR SHALL BE WEATHERPROOF TYPE.
- MOUNTING HEIGHTS ARE:
 - A. LIGHT SWITCHES 1.40M ABOVE FLOOR FINISH
 - B. CONVENIENCE OUTLETS 0.30M ABOVE FLOOR FINISH
 - C. COUNTER TOP C.O., 0.40M TO .50M ABOVE THE COUNTER
 - D. TELEPHONE OUTLETS 0.30M ABOVE FLOOR FINISH
 - E. PANEL BOARD 1.50M ABOVE FLOOR FINISH
 - F. EMERGENCY LIGHT 0.30M BELOW CEILING LINE
- ANY DISCREPANCY BETWEEN THE PLANS AND SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION OR DECISION.
- THE ENTIRE WORK SHALL BE DONE UNDER THE DIRECT SUPERVISION OF DULY REGISTERED ELECTRICAL ENGINEER.
- REFER TO SHEETS E-1 & E-2 FOR EXACT NUMBER AND LOCATION OF DEVICES/EQUIPMENT FOR ELECTRICAL SYSTEM. ANY CONFLICT ON QUANTITY AND/OR LAYOUT MUST BE VERIFIED AND CONFIRMED TO DESIGNER/CONSULTANT.
- REFER TO LOAD SCHEDULE FOR THE RATING OF INDIVIDUAL ENCL. ACB'S IN NEMA-3R.
- ALL ELECTRICAL CONDUITS AND TELEPHONE SERVICE ENTRANCE THAT INSTALLED BELOW THE GROUND SHALL BE IN CONCRETE ENCASUREMENT.
- ANY DEVICES OR EQUIPMENT NOT REFLECTED OR SHOWN ON PLANS BUT REQUIRED TO COMPLETE THE SYSTEM MUST BE INCLUDED ON SCOPE OF WORK.
- REQUEST FOR TEMPORARY POWER INTERRUPTION SHOULD BE COORDINATED TO OWNER'S REPRESENTATIVE OR DESIGNER.
- THE SIZE OF GENERATOR IS 40% OF THE TOTAL VA LOAD. THIS IS INTENDED TO SUPPLY ELECTRIC POWER FOR LIGHTINGS AND OTHER IMPORTANT APPLIANCES DURING THE POWER INTERRUPTION OF MAIN POWER SOURCE.

SCHEDULE OF LOADS

PANEL: GAF (GROUND ACU) PANEL		CABLE: 3 - 80.0 SQMM THHN-1 - 20.0 SQMM THHN				MAIN: 200A, 200A, 3P, 230V MCCB									
PHASE: 3		CONDUIT: PVC, 40 MM DIA.				ENCLOSURE: NEMA 1 SURFACE									
CIRCUIT NO.	CIRCUIT DESCRIPTION	LOCATION	GROUND FLOOR ELECTRICAL ROOM			CIRCUIT PROTECTION	SIZE OF CONDENSER	SIZE OF BLOWER	CIRCUIT BREAKER RATING	NO. OF 15A/20A TRIPLES	NO. OF 15A/20A TRIPLES	CIRCUIT CODE			
			WIRING	WIRING	WIRING										
1	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
2	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
3	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
4	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
5	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
6	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
7	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
8	ACUAMP (1.0-1W)		1	1200	230	10.00			2-5.0	1-2.0	PVC 25	15,15A			
9	ACUAMP (1.0-1W)		1	1200	230	10.00			2-5.0	1-2.0	PVC 25	15,15A			
10	ACUAMP 1 TR		1	4000	230	24.00			2-8.0	1-5.0	PVC 25	15,15A			
			TOTAL			140.00	230	72	88	10	200A, 200A, 3P, 230V MCCB	1-8.0	1-2.0	PVC 40	15,15A

MAX FEEDER AND CIRCUIT PROTECTION COMPLIANCE

NOTE: $I_{sc} = 1521.158 \text{ kA @ BUS 1}$ 154 TO ANYWHERE
 $I_{sc} = 1521.158 \text{ kA @ BUS 2}$ 154 TO ANYWHERE

0. Main Ground Wire
 10. Color RED
 11. Color BLACK
 12. Color YELLOW
 13. Color GREEN

This Electrical Design is good only for the above connected loads.
 Any additional electrical load connection in the future is not allowed.
 Except redesign of electrical load system will be done.

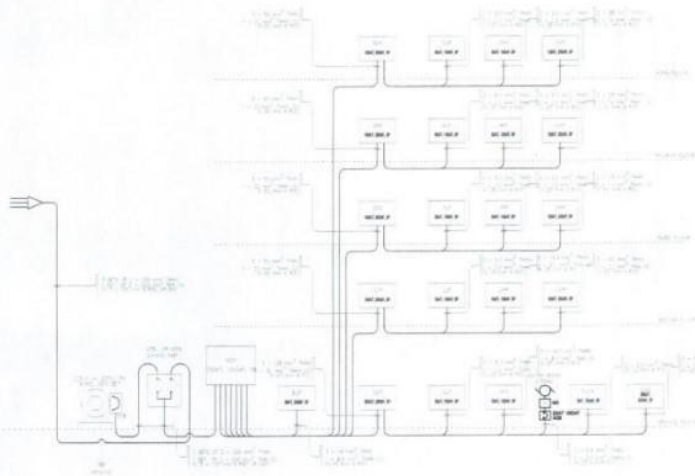
LEGEND AND SYMBOLS:

- SPLIT TYPE AC CONDENSER, OUTDOOR UNIT
- SPLIT TYPE AC BLOWER, INDOOR UNIT
- CIRCUIT HOMERUN
- CIRCUIT NUMBER
- PANEL BOARD

PREPARED BY: R. N. SANCHEZ ELECTRICAL ENGINEER	ENG. USER: MA. S. M. USANG OWNER	REVIEWED BY: R. P. REYES PROFESSOR ENGINEER	ENDORSED BY: S. B. BAYOT JR. MEMBER	ENDORSED BY: O. B. DE LOS REYES PLUMBING/MECHANICAL ENGINEER	SEC. APPROVAL: A. G. MACARAWAS OFFICER	APPROVED BY: J. X. B. NEPOMUCENO OFFICER	APPROVED BY: O. ROBLES OFFICER	CHECK AND REPAIR OF EXISTING AIR CONDITIONING UNITS AND INSTALLATION OF POWER SUPPLY FOR CEILING NEW BUILDING	IMPLEMENTING AGENCY: CAVITE STATE UNIVERSITY	REF. NO.: E-3
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Fujitsu Floor Standing AirCon FPA-362C



Product Details:

- 35 TR Floor Standing Air conditioner
- Energy Saving Compressor
- 3D Air Delivery System
- LED Display
- Sleep Mode
- Auto On / Off Timer
- High Efficiency Filter
- Intelligent Defrosting
- Remote Control
- Independent Defrosting Function
- Indoor Dimensions (H x W x D) 178 - 135 - 14.8 in
- Outdoor Dimensions (H x W x D) 131 - 58.5 - 14.5 in

1 SINGLE LINE DIAGRAM
E-4 SCALE NTS

2 EXISTING A/C UNITS BRAND AND DETAILS
E-4 SCALE NTS

PREPARED BY	END USER	REVIEWER BY	ENDORSED BY	REC. APPROVAL	APPROVED BY	PROJECT TITLE / LOCATION	APPLYING AGENCY	SHF NO.
R. J. R. SANCHEZ ELECTRICIAN	MA. S. M. OSING DEAN	S. B. BAYOT JR. HEAD	O. B. DELOS REYES HEAD	A. G. MAGCAYAS OFFICER	J. X. B. YEPICO OFFICER	CHECKING REPAIR OF EXISTING AIR CONDITIONING UNITS AND INSTALLATION OF POWER SUPPLY FOR GENSER NOW BUILDING	CAVITE STATE UNIVERSITY	E-4

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