



Bid Notice Abstract

Request for Quotation (RFQ)

Reference Number 9987565
Procuring Entity CARLOS HILADO MEMORIAL STATE UNIVERSITY
Title Procurement of VFD/PLC Training System CHED IDIG Interactive Laboratory Learning System Upgrades for Electronics and Electrical Technology Courses - Talisay Campus
Area of Delivery Negros Occidental

Solicitation Number:	RFQ 23-332	Status	Pending
Trade Agreement:	Implementing Rules and Regulations		
Procurement Mode:	Negotiated Procurement - Small Value Procurement (Sec. 53.9)	Associated Components	1
Classification:	Goods	Bid Supplements	0
Category:	Electrical Systems and Lighting Components		
Approved Budget for the Contract:	PHP 580,000.00	Document Request List	0
Delivery Period:	60 Day/s		
Client Agency:		Date Published	28/07/2023
Contact Person:	Rowena De la Vida Prado Administrative Assistant II Mabini Street Talisay City Negros Occidental Philippines 6115 63-34-7120003 Ext.142 bac.sec@chmsc.edu.ph	Last Updated / Time	27/07/2023 19:51 PM
		Closing Date / Time	04/08/2023 10:00 AM

Description

Republic of the Philippines
 CARLOS HILADO MEMORIAL STATE UNIVERSITY
 Talisay City, Negros Occidental
 Telefax: (034) 712-8404 / 712-0003 Local 142
 bac.sec@chmsc.edu.ph

REQUEST FOR QUOTATION
 PAGE 1 OF 4
 Date: JULY 24, 2023
 Quotation No. 23-332

Please quote your lowest price on the item/s listed below, stating the shortest time of delivery and submit your quotation duly signed by your representative not later than _____ in the return envelope attached herewith.

DR. ANDREW EUSEBIO S.TAN
 BAC Chairman

NOTE:

- ALL ENTRIES MUST BE TYPEWRITTEN
- DELIVERY PERIOD WITHIN 60 CALENDAR DAYS
- WARRANTY SHALL BE FOR A PERIOD OF SIX (6) MONTHS FOR SUPPLIES & MATERIALS, ONE (1) YEAR FOR EQUIPMENT, FROM DATE OF ACCEPTANCE BY THE PROCURING ENTITY

- 4. PRICE VALIDITY SHALL BE FOR A PERIOD OF _____ CALENDAR DAYS
- 5. G-EPS REGISTRATION CERTIFICATE SHALL BE ATTACHED UPON SUBMISSION OF THE QUOTATION
- 6. BIDDERS SHALL SUBMIT ORIGINAL BROCHURES SHOWING CERTIFICATIONS OF THE PRODUCT BEING OFFERED

ITEM ITEM & DESCRIPTION QTY. UNIT UNIT PRICE TOTAL PRICE
 NO. (Pls. indicate brand offered)

ONE(1) LOT

1 "VFD/PLC Training System*
 Technical performance" 1 lot

Frequency conversion speed regulation training device adopts a modular structure that is easy to combine and expand.

- 1. Training table: adopts industrial profile structure, each equipped with one iron spray tool;
- 2. Input power supply: three-phase five-wire AC380V±10% 50HZ;
- 3. Working environment: temperature -10°C-+40°C,
- 4. Device capacity: <1.5KVA;
- 5. Relay training hanging box;
- 6. Dimensions: 1600mm × 700mm × 1630mm
- 7. Safety protection: With leakage voltage and leakage current protection devices, the safety meets national standards.
- 8. The power box adopts industrial profile structure to ensure safe use; the power box contains at least the

following functional units: total control unit (using key switch and leakage circuit breaker), three-phase five-wire power output, single-phase three-phase power output (can be separately control), analog signal source (voltage source, current source), etc.

Practical training projects

Relay contact control training

- 1. Three-phase asynchronous motor jog control and self-locking control
- 2. Three-phase asynchronous motor Y/ Δ switching start control
- 3. Three-phase asynchronous motor interlocking forward and reverse control
- 4. Three-phase asynchronous motor delay forward and reverse control

Frequency conversion control training

- 5. Basic operation training of inverter
- 6. Inverter combination and program operation training
- 7. Inverter frequency jump operation and multi-speed operation training
- 8. Panel function parameter setting and operation training
- 9. External analog control inverter open-loop speed regulation training
- 10. Open loop system training
- 11. Closed-loop system training
- 12. Combined operation and operation training
- 13. Instant power failure start training
- 14. Inverter configuration training
- 15. Inverter function parameter setting and operation
- 16. Frequency converter alarm and protection function
- 17. Multi-stage speed selection variable frequency speed regulation
- 18. External terminal jog control
- 19. External terminal remote control
- 20. Control motor runtime operation
- 21. Control motor forward and reverse motion control
- 22. Voltage/current monitor signal output and display
- 23. Instantaneous power failure inverter parameter setting
- "24. RS485 communication based on variable frequency speed regulation

"25. Frequency conversion speed regulation of three-phase

asynchronous motor; Inclusions:

- 1. Student experiment manual and Instructor guide
- 2. English labels and language
- 3. Curriculum standard, teacher courseware (PPT), teaching equipment training list, examination question bank, classroom task list, students' books (learning materials), teaching software, etc
- 4. Training of Faculty
- 5. 60 days delivery period
- 6. 2 years service warranty
- 7. 1 year warranty against factory defect/workmanship

TOTAL

*****Nothing Follows*****

TOTAL ABC = Php 580,000.00

PROCUREMENT OF VFP/PLC TRAINING SYSTEM FOR CHED IDIG INTERACTIVE LABORATORY LEARNING SYSTEM UPGRADES FOR ELECTRONICS AND ELECTRICAL TECHNOLOGY COURSES- TALISAY/ R. DELA TORRE

PR# 23-381-0720 07-20-23

INCOME 240-164-23-07 07-14-23

Line Items

Item No.	Product/Service Name	Description	Quantity	UOM	Budget (PHP)
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1	ONE (1) LOT	VFD/PLC Training System	1	Lot	580,000.00
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Created by Rowena De la Vida Prado

Date Created 27/07/2023

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	12. Combined operation and operation training				
	13. Instant power failure start training				
	14. Inverter configuration training				
	15. Inverter function parameter setting and operation				

Released (BAC) _____ Date _____ By _____
 Returned (Supplier) _____

 Printed Name/Signature

 Tel. No./Cellphone No.

 Date



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