Bid Supplement Abstract

Reference Number	**13284501**
Title	Procurement of Educational Two-Piece Reverse-Cycle Air Conditioner 2RT Training System for HVAC-R Laboratory Use - Talisay Campus
Category	Airconditioning and Airconditioning Systems
Type	Addendum
Bid Supplement No.	13284501-01
Title	Procurement of Educational Two-Piece Reverse-Cycle Air Conditioner 2RT Training System for HVAC-R Laboratory Use - Talisay Campus
Area of Delievery/Location	Negros Occidental
Delivery Period/Contract Duration	120 Day/s
Contact Person	Rowena De la Vida Prado
Description	Please see attached addendum No. 1, Revised BOQ, TS & SOR

Note: Click the document name to view the attachment.

Document Name	Document Type	Content	Format
Revised BOQ	Electronic	Supporting Documents	Legal 8.5 x 14
Revised SOR	Electronic	Supporting Documents	Legal 8.5 x 14
Revised TS	Electronic	Specifications	Legal 8.5 x 14
Addendum No.1	Electronic	Bid Bulletin	A4

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Bids and Awards Committee

SUPPLEMENTAL/BID BULLETIN
ADDENDUM NO. 1
13284501 / CHMSU 26-030-1012-G
October 21, 2026

This Addendum No. 1 is issued for clarification of Bidders with regard to the specifications in the Bill of Quantities, Schedule of Requirements, and Technical Specification of the bidding documents for the **Procurement of Educational Two-Piece Reverse-Cycle Air Conditioner 2RT Training System for HVAC-R Laboratory Use-Talisay Campus per Reference Number 13284501 / CHMSU 26-030-1012-G.** This shall form an integral part of the Documents.

PARTICULARS (AS PUBLISHED)	MODIFICATION (SHOULD BE)
BILL OF QUANTITIES, SCHEDULE OF REQUIREMENTS, AND TECHNICAL SPECIFICATIONS Installation, testing, commissioning, and hands-on training by an accredited/qualified trainer shall be included. Supplier shall provide after- sales technical support and service assistance during the warranty period. Warranty shall be one (1) year for the equipment and six (6) months for supplies, covering applicable services, labor, and parts/components, including repair or replacement of defective parts at no additional cost. Equipment shall use R32 or equivalent refrigerant and comply with applicable environmental, energy-efficiency, and safety requirements.	**BILL OF QUANTITIES, SCHEDULE OF REQUIREMENTS, AND TECHNICAL SPECIFICATIONS** Installation, testing, commissioning, and hands-on training by an accredited/qualified trainer shall be included. Supplier shall provide after- sales technical support and service assistance during the warranty period. Warranty shall be one (1) year for the equipment and six (6) months for supplies, covering applicable services, labor, and parts/components, including repair or replacement of defective parts at no additional cost. Equipment shall use R32 or equivalent refrigerant and comply with applicable environmental, energy-efficiency, and safety requirements. - Bidder must provide Manufacturer's Certificate and Certificate of Distributorship. - With Machine Manual - Bidder must attach the product catalogue of the item being offered.

For guidance and information of all concerned.

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For the BAC:

MA. RIZA T. MANALO, Ph.D.
BAC Chairperson

Received by the Bidder: _____

_____
Date

CARLOS HILADO MEMORIAL STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE
Talisay City, Negros Occidental
Tel. Nos.: (034) 454-0529; 454-0584 Local 142
Mobile No.: 0920-5833046

Project Reference No: **CHMSU 26-030-1012-G**
Name of the Project: **PROCUREMENT OF EDUCATIONAL TWO-PIECE REVERSE-CYCLE AIR CONDITIONER 2RT TRAINING SYSTEM FOR HVAC-R LABORATORY USE - TALISAY CAMPUS**
Location of the Project: **TALISAY CAMPUS**

BILL OF QUANTITIES

Date: _____

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
1	**1**	**Unit**	**HVAC TRAINER**		
			Educational Two Pieces Reverse Cycle Air Conditioner 2RT		
			training system		
			Specifications:		
			Refrigeration capacity: At least 12,000 BTU/h		
			Refrigerant: R32 or equivalent		
			Power supply: single-phase 220V+10%, 50Hz, 16A minimum		
			Test Bench (mm): Approximately 1200–1300 mm (L) × 1050–1150		
			mm (W) × 1770–1850 mm (H)		
			Frame material: Heavy-duty powder-coated steel frame		
			Casters: 4 pcs minimum,with at least 2 casters equipped		
			with brake locks		
			LED indicator lights, atleast 5 pcs, with appropriate color coding		
			for power, operation, and fault indication.		
			Characteristics and Composition:		
			components and systems include:		
			1. remote control of split aitconditioning units		
			2. observing mirrors on external liquid and gas pipeline, high and		
			low pressure guages, high and low controllers		
			3. instument control panel, with voltmeter, ammeter, on/off control.		
			Circuit breaker with leakage protection device(internal), key start switch,		
			operation indicator, four temperature monitors, ten circuit failure		
			setting switches.		
			Basic Configuration (Inclusions):		
			1pc- Outdoor condenser		
			(At least 12,000 BTU/h refrigeration capacity; single-phase 220V ±10%;		
			noise not exceeding 50 dB)		
			1pc-Wall-mounted evaporator		
			(At least 12,000 BTU/h refrigeration capacity; single-phase 220V ±10%;		
			noise not exceeding 35 dB)		
			1pc-low pressure guage		
			(Pressure range/capacity up to at least 1.8 Mpa)		
			1pc- high pressure guage		
			(Pressure range/capacity up to at least 3.8 Mpa)		
			1pc- high voltage controller, low pressure controller		
			1pc- observation mirror		
			2pcs- Manual Valve		
			1pc- Filter drier		

Signature of Bidder _____
Name of Firm _____
Date _____

CARLOS HILADO MEMORIAL STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE
Talisay City, Negros Occidental
Tel. Nos.: (034) 454-0529; 454-0584 Local 142
Mobile No.: 0920-5833046

Project Reference No: **CHMSU 26-030-1012-G**
Name of the Project: **PROCUREMENT OF EDUCATIONAL TWO-PIECE REVERSE-CYCLE AIR CONDITIONER 2RT TRAINING SYSTEM FOR HVAC-R LABORATORY USE - TALISAY CAMPUS**
Location of the Project: **TALISAY CAMPUS**

BILL OF QUANTITIES

Date: _____

Item No.	Qty	Unit	ARTICLES and DESCRIPTION	Unit Price	Total Price
			(Approximately Ø19 mm or equivalent)		
			4pcs- Digital Temperature Display and Sensor		
			1pc- Leakage Circuit Breaker Protector		
			(Single-phase 220V ±10%, 16A minimum)		
			1pc- Pointer Voltmeter		
			(Measurement range 0–250V or wider)		
			1pc- Pointer Ammeter		
			(Measurement range 0–10A or wider)		
			1pc- overload protector		
			(10A minimum)		
			5pcs- Indicator light		
			1pc- Practice Instructions		
			Delivery:		
			90-120 Calendar Days		
			Installation, testing, commissioning, and hands-on training by an		
			accredited/qualified trainer shall be included. Supplier shall provide after-		
			sales technical support and service assistance during the warranty		
			period. Warranty shall be one (1) year for the equipment and six (6)		
			months for supplies, covering applicable services, labor, and		
			parts/components, including repair or replacement of defective parts		
			at no additional cost. Equipment shall use R32 or equivalent refrigerant		
			and comply with applicable environmental, energy-efficiency,		
			and safety requirements.		
			- Bidder must provide Manufacturer's Certificate and Certificate		
			of Distributorship.		
			- With Machine Manual		
			- Bidder must attach the product catalogue of the item being		
			offered.		
			******NOTHING FOLLOWS******		
			TOTAL ABC = Php 1,200,000.00		
			PR 26-914-0914 09-14-26		
			INCOME 536-164-26-09 09-15-26/M. BAYLOSIS		

Signature of Bidder _____
Name of Firm _____
Date _____

Section VI. Schedules of Requirements

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date which is the date of delivery to the project site.

Item #	Description	Quantity	Total	Delivered, Weeks/Months
1	**HVAC TRAINER**	1		
	Educational Two Pieces Reverse Cycle Air Conditioner 2RT			
	training system			
	Specifications:			
	Refrigeration capacity: At least 12,000 BTU/h			
	Refrigerant: R32 or equivalent			
	Power supply: single-phase 220V+10%, 50Hz, 16A minimum			
	Test Bench (mm): Approximately 1200–1300 mm (L) × 1050–1150			
	mm (W) × 1770–1850 mm (H)			
	Frame material: Heavy-duty powder-coated steel frame			
	Casters: 4 pcs minimum,with at least 2 casters equipped			
	with brake locks			
	LED indicator lights, atleast 5 pcs, with appropriate color coding			
	for power, operation, and fault indication.			
	Characteristics and Composition:			
	components and systems include:			
	1. remote control of split aitconditioning units			
	2. observing mirrors on external liquid and gas pipeline, high and			
	low pressure guages, high and low controllers			
	3. instument control panel, with voltmeter, ammeter, on/off control.			
	Circuit breaker with leakage protection device(internal), key start switch,			
	operation indicator, four temperature monitors, ten circuit failure			
	setting switches.			
	Basic Configuration (Inclusions):			
	1pc- Outdoor condenser			
	(At least 12,000 BTU/h refrigeration capacity; single-phase 220V ±10%;			
	noise not exceeding 50 dB)			
	1pc-Wall-mounted evaporator			
	(At least 12,000 BTU/h refrigeration capacity; single-phase 220V ±10%;			
	noise not exceeding 35 dB)			
	1pc-low pressure guage			
	(Pressure range/capacity up to at least 1.8 Mpa)			
	1pc- high pressure guage			
	(Pressure range/capacity up to at least 3.8 Mpa)			
	1pc- high voltage controller, low pressure controller			
	1pc- observation mirror			
	2pcs- Manual Valve			
	1pc- Filter drier			
	(Approximately Ø19 mm or equivalent)			
	4pcs- Digital Temperature Display and Sensor			
	1pc- Leakage Circuit Breaker Protector			
	(Single-phase 220V ±10%, 16A minimum)			
	1pc- Pointer Voltmeter			
	(Measurement range 0–250V or wider)			
	1pc- Pointer Ammeter			
	(Measurement range 0–10A or wider)			
	1pc- overload protector			
	(10A minimum)			
	5pcs- Indicator light			
	1pc- Practice Instructions			
	Delivery:			

	90-120 Calendar Days			
	Installation, testing, commissioning, and hands-on training by an			
	accredited/qualified trainer shall be included. Supplier shall provide after-			
	sales technical support and service assistance during the warranty			
	period. Warranty shall be one (1) year for the equipment and six (6)			
	months for supplies, covering applicable services, labor, and			
	parts/components, including repair or replacement of defective parts			
	at no additional cost. Equipment shall use R32 or equivalent refrigerant			
	and comply with applicable environmental, energy-efficiency,			
	and safety requirements.			
	- Bidder must provide Manufacturer's Certificate and Certificate			
	of Distributorship.			
	- With Machine Manual			
	- Bidder must attach the product catalogue of the item being			
	offered.			
	******NOTHING FOLLOWS******			
	TOTAL ABC = Php 1,200,000.00			
	PR 26-914-0914 09-14-26			
	INCOME 536-164-26-09 09-15-26/M. BAYLOSIS			

Section VII. Technical Specifications

Item	Specification	Statement of Compliance
		Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subse-quently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of ITB Clause 3.1(a.2) and/or GCC Clause 2.1(a.2).
1	**HVAC TRAINER**	
	Educational Two Pieces Reverse Cycle Air Conditioner 2RT	
	training system	
	Specifications:	
	Refrigeration capacity: At least 12,000 BTU/h	
	Refrigerant: R32 or equivalent	
	Power supply: single-phase 220V+10%, 50Hz, 16A minimum	
	Test Bench (mm): Approximately 1200–1300 mm (L) × 1050–1150	
	mm (W) × 1770–1850 mm (H)	
	Frame material: Heavy-duty powder-coated steel frame	
	Casters: 4 pcs minimum,with at least 2 casters equipped	
	with brake locks	
	LED indicator lights, atleast 5 pcs, with appropriate color coding	
	for power, operation, and fault indication.	
	Characteristics and Composition:	
	components and systems include:	
	1. remote control of split aitconditioning units	
	2. observing mirrors on external liquid and gas pipeline, high and	
	low pressure guages, high and low controllers	
	3. instument control panel, with voltmeter, ammeter, on/off control.	
	Circuit breaker with leakage protection device(internal),	
	key start switch, operation indicator, four temperature monitors, ten	
	circuit failure setting switches.	
	Basic Configuration (Inclusions):	
	1pc- Outdoor condenser	
	(At least 12,000 BTU/h refrigeration capacity;	
	single-phase 220V ±10%; noise not exceeding 50 dB)	
	1pc-Wall-mounted evaporator	
	(At least 12,000 BTU/h refrigeration capacity;	
	single-phase 220V ±10%; noise not exceeding 35 dB)	

	1pc-low pressure guage	
	(Pressure range/capacity up to at least 1.8 Mpa)	
	1pc- high pressure guage	
	(Pressure range/capacity up to at least 3.8 Mpa)	
	1pc- high voltage controller, low pressure controller	
	1pc- observation mirror	
	2pcs- Manual Valve	
	1pc- Filter drier	
	(Approximately Ø19 mm or equivalent)	
	4pcs- Digital Temperature Display and Sensor	
	1pc- Leakage Circuit Breaker Protector	
	(Single-phase 220V ±10%, 16A minimum)	
	1pc- Pointer Voltmeter	
	(Measurement range 0–250V or wider)	
	1pc- Pointer Ammeter	
	(Measurement range 0–10A or wider)	
	1pc- overload protector	
	(10A minimum)	
	5pcs- Indicator light	
	1pc- Practice Instructions	
	Delivery:	
	90-120 Calendar Days	
	Installation, testing, commissioning, and hands-on training by an	
	accredited/qualified trainer shall be included. Supplier shall provide	
	after-sales technical support and service assistance during the	
	warranty period. Warranty shall be one (1) year for the equipment	
	months for supplies, covering applicable services, labor, and	
	and six (6) parts/components, including repair or replacement of	
	defective parts at no additional cost. Equipment shall use R32 or	
	equivalent refrigerant and comply with applicable environmental,	
	energy-efficiency, and safety requirements.	
	- Bidder must provide Manufacturer's Certificate and Certificate	
	of Distributorship.	
	- With Machine Manual	
	- Bidder must attach the product catalogue of the item being	
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	******NOTHING FOLLOWS******	
	TOTAL ABC = Php 1,200,000.00	
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