

SUPPLEMENTAL BID BULLETIN

**Republic of the Philippines
PHILIPPINE INTERNATIONAL CONVENTION CENTER
PICC Complex, 1307 Pasay City
BIDS AND AWARDS COMMITTEE (BAC)**

June 14, 2021

**SUPPLY OF LABOR AND MATERIALS FOR THE INSTALLATION OF
SPLIT-TYPE, INVERTER-TYPE PACKAGED AIRCONDITIONERS AT
HEROES ROOM AND PH/RH VIP & DRESSING ROOMS**

ADDENDUM NO. 01

This Addendum is issued to amend/revise certain provisions of the Bid Documents for the above-captioned procurement. Said amendments are as follows:

- I. Checklist- "Financial Component" has been changed to read as:
 - Item "n"- Original of duly signed and accomplished **Bill of Quantities**.

- II. Section III- Bid Data Sheet
 - ITB Clause No. 5- Eligibility requirements have been changed to read as:
 - Item "e"- Be engaged in business for the supply, installation, operation and repair of Inverter-Type, Packaged Air-conditioners and/or centralized air conditioning system for at least **three years (3) years**.
 - Item "f"- Must have at least two (2) projects for the supply and installation, **repair and/or maintenance** of Split-type, Inverter-type Packaged Air-conditioners for the past **three (3) years**.

- III. Section VI-Schedule of Requirements has been changed to read as:
 - Work shall be completed within **Ninety (90)** calendar days from the receipt of the Notice to Proceed.

- IV. Section VII- Technical Specifications have been changed to read as:
 - **Item No. II- Specific Scope of Works:**
 - **1.0 PH/RH VIP & DRESSING ROOMS**
 - **1.1.1.** Three (3) units, 5.0HP Cooling Capacity, Fan Coil Unit (FCU), Ceiling Cassette-type, 4-way airflow/round airflow free-blow with very low or low noise/sound level – Low: 34-36dB(A), Medium: 37-39dB(A) and High: 42-44dB(A) measured at 1.5 meter away from the unit, Airflow rate – Low: 750-850cfm, Medium: 950-1,050cfm, High:

1,100-1,200cfm, 220-230 Volts, 1 Phase, 60Hz using environment-friendly refrigerant, **R-410A/R-32**; with portable remote control and fixed remote control on-off switch. The fixed remote control on-off switch shall be installed near the main door. See attached drawing for the exact location

- **1.1.2.** Three (3) units, 5.0HP Cooling Capacity, Air-Cooled Condensing Unit, (ACCU), **Scroll-type/Rotary-type** compressor, inverter-type, utilizing **R-410A/R-32** Refrigerant, 220-230Volts, **1 Phase/3 Phase**, 60Hz. If the outdoor unit is 380V or 440-460V, the Contractor shall provide a transformer.
- **1.1.3.** Two (2) units, **3.0HP-3.2HP** Cooling Capacity, Fan Coil Unit (FCU), Ceiling Cassette-type, 4-way airflow/round airflow free-blow with very low or low noise/sound level – Low: 32-35dB(A), Medium: 36-39dB(A) and High: 40-43dB(A) measured at 1.5 meter away from the unit, Airflow rate – Low: 700-800cfm, Medium: 900-1,000cfm, High: 1,100-1,200cfm, 220-230 Volts, 1 Phase, 60Hz using environment-friendly refrigerant, **R-410A/R-32**; with portable remote control and fixed remote control on-off switch. The fixed remote control on-off switch shall be installed near the main door. See attached drawing for the exact location.
- **1.1.4.** Two (2) units, **3.0HP-3.2HP** Cooling Capacity, Air-Cooled Condensing Unit, (ACCU), **Scroll-type/Rotary-type** compressor, inverter-type, utilizing **R-410A/R-32** Refrigerant, 220-230Volts, **1 Phase/3 Phase**, 60Hz. If the outdoor unit is 380V or 440-460V, the Contractor shall provide a transformer.
- **1.13.** Break vacuum and charge initial **R410A/R-32** refrigerant.
- **1.15.** Recharge system to full-charge condition with **R410A/R-32**.
- **2.0 HEROES ROOM**
 - **2.1.1.** Two (2) units, 4.0HP Cooling Capacity, Fan Coil Unit (FCU), Ceiling Cassette-type, 4-way airflow/round airflow free-blow with very low or low noise/sound level – Low: 32-35dB(A), Medium: 36-40dB(A) and High: 41-43dB(A) measured at 1.5 meter away from the unit, Airflow rate – Low: 670-720cfm, Medium: 880-930cfm, High: 1,090-1,140cfm, 220-230 Volts, 1 Phase, 60Hz using environment-friendly refrigerant, **R-410A/R-32**; with portable remote control and fixed remote control on-off switch. The fixed remote control on-off switch shall be installed near the main door. See attached drawing for the exact location
 - **2.1.2.** Two (2) units, 4.0HP Cooling Capacity, Air-Cooled Condensing Unit, (ACCU), **Scroll-type/Rotary-type** compressor, inverter-type, utilizing **R-410A/R-32** Refrigerant, 220-230Volts, **1 Phase/3 Phase**, 60Hz. If the outdoor unit is 380V or 440-460V, the Contractor shall provide a transformer.
 - **2.14.** Break vacuum and charge initial **R410A/R-32** refrigerant.

- **2.16.** Recharge system to full-charge condition with **R410A/R-32.**

V. *Section VIII. Bid Form*

- *The last line of the first page of the Bid Form (p.36) has been amended to read as:*

*"attached **Bill of Quantities** shall be a ground for the rejection of our bid"*

Corrected copies are attached. Bidders are advised to replace their original copies with the corrected copies.

For guidance and information of all concerned.


MELPIN A GONZAGA
Chairman

Received by:

(Signature over printed name)
Telephone/Fax No. _____
Date: _____
Name of Company: _____

Class "B" Documents

- (l) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;
or
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

II. FINANCIAL COMPONENT ENVELOPE

- (m) Original of duly signed and accomplished Financial Bid Form; **and**
- (n) Original of duly signed and accomplished ***Bill of Quantities***.

Bid Data Sheet

ITB Clause	
5	<p>The following persons shall be eligible to participate in this bidding:</p> <ol style="list-style-type: none"> a. Duly licensed Filipino citizens/sole proprietorships; b. Partnerships duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines; c. Corporations duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the of the outstanding capital stock belongs to citizens of the Philippines; d. Cooperatives duly organized under the laws of the Philippines and of which at least sixty percent (60%) of the interest belongs to citizens of the Philippines; e. Must be engaged in business for the supply, installation, operation and repair of Inverter-Type, Packaged Air-conditioners and/or centralized air conditioning system for at least <i>three years (3) years</i>; and f. Must have at least two (2) projects for the supply and installation, <i>repair and/or maintenance</i> of Split-type, Inverter-Type Packaged Air-conditioners for the past <i>three (3) years</i>.
5.3	<p>For this purpose, similar contract shall refer to supply, repair and installation of Split-type, Inverter-type Packaged Air conditioners.</p> <p>The Bidder must have completed within the last two (2) years a single contract that is similar to this requirement, the amount of which shall be at least fifty percent (50%) of the ABC.</p>
7.1	Sub-contracting is not allowed
12	Not applicable
14.1	<p>The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ol style="list-style-type: none"> a. The amount of not less than ₱43,000.87 if bid security is in cash, cashier's/manager's check, bank draft/guarantee or irrevocable letter of credit; or b. The amount of not less than ₱107,502.18 if bid security is in Surety Bond
15	<p>Sealing and Marking of Bids</p> <p>Each Bidder shall submit the original and one (1) copy of the first and second components of its Bid.</p>

Section VI. Schedule 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 Number	Description	
I	Supply and Installation of Split-Type, Inverter-Type, Packaged Air Conditioning Units at Heroes Room and PH/RH VIP & Dressing Rooms.	Work shall be completed within <i>ninety (90) calendar days</i> from the receipt of the Notice to Proceed.

Note:

The Contractor shall be granted extension of completion time for any delay attributable to PICC and other works which are not part of Scope of Works. In case of delay in the required completion time or delivery period, inclusive of duly granted time extensions if any, the Contractor shall be liable for damages for the delay and shall pay the PICC for liquidated damages an amount equivalent to 1/10 of 1 percent of the total value of the project for each day of delay until such time the project is finally completed and accepted by PICC. Said penalty on delay shall be charged to any amount due the Contractor, or in the absence or insufficiency thereof, from the performance bond/security. In case of insufficiency of the bond, the Contractor shall pay the balance to PICC upon notice.

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company / Bidder

Signature over printed Name of Authorized Representative

Position

Date

Technical Specifications

Item	Specification	Statement of Compliance
	<p>SUPPLY OF LABOR AND MATERIALS FOR THE INSTALLATION OF SPLIT-TYPE, INVERTER-TYPE PACKAGED AIRCONDITIONERS AT HEROES ROO AND PH/RH VIP & DRESSING ROOMS</p> <p>I. SPECIFIC SCOPE OF WORKS:</p> <p>Supply, delivery and installation of Split-type, Inverter-type, Packaged Air-conditioners at Heroes Room and PH/RH Dressing Room to include, but not limited to, the following:</p> <p>II. SPECIFIC SCOPE OF WORKS:</p> <p>1.0. PH/RH VIP & DRESSING ROOMS</p> <p>1.1. Supply and deliver the following minimum requirement of Split-type, Inverter-type packaged-type air conditioning units:</p> <p>1.1.1. Three (3) units, 5.0HP Cooling Capacity, Fan Coil Unit (FCU), Ceiling Cassette-type, 4-way airflow/round airflow free-blow with very low or low noise/sound level – Low: 34-36dB(A), Medium: 37-39dB(A) and High: 42-44dB(A) measured at 1.5 meter away from the unit, Airflow rate – Low: 750-850cfm, Medium: 950-1,050cfm, High: 1,100-1,200cfm, 220-230 Volts, 1 Phase, 60Hz using environment-friendly refrigerant, <i>R-410A/R-32</i>; with portable remote control and fixed remote control on-off switch. The fixed remote control on-off switch shall be installed near the main door. See attached drawing for the exact location</p> <p>1.1.2. Three (3) units, 5.0HP Cooling Capacity, Air-Cooled Condensing Unit, (ACCU), <i>Scroll-type/Rotary-type</i> compressor, inverter-type, utilizing R-410A Refrigerant, 220-230Volts, <i>1 Phase/3 Phase</i>, 60Hz. If the outdoor unit is 380V or 440-460V, the Contractor shall provide a transformer.</p> <p>1.1.3. Two (2) units, <i>3.0HP -3.2HP</i> Cooling Capacity, Fan Coil Unit (FCU), Ceiling Cassette-type, 4-way airflow/round airflow free-blow with very low or low noise/sound level – Low: 32-35dB(A), Medium: 36-39dB(A) and High: 40-43dB(A) measured at 1.5 meter away from the unit, Airflow rate – Low: 700-800cfm, Medium: 900-1,000cfm, High: 1,100-1,200cfm, 220-230 Volts, 1 Phase, 60Hz using environment-friendly refrigerant, <i>R-410A/R-32</i>; with portable remote control and fixed</p>	

remote control on-off switch. The fixed remote control on-off switch shall be installed near the main door. See attached drawing for the exact location.

1.1.4. Two (2) units, **3.0HP - 3.2HP** Cooling Capacity, Air-Cooled Condensing Unit, (ACCU), **Scroll-type/Rotary-type** compressor, inverter-type, utilizing **R-410A/R-32** Refrigerant, 220-230Volts, 3 Phase, 60Hz. If the outdoor unit is 380V or 440-460V, the Contractor shall provide a transformer.

1.2. Various Electrical Materials:

1.2.1. One (1) lot Panelboards and Electrical Wires:

a. From Distribution Panelboard/Transformer (Tapping point at the AHU Room D-11 Machine Room) to Main Circuit Breaker

Use:

- Enclosed Circuit Breaker (Main Breaker) 60AT/AF, Molded Case Circuit Breaker, 3-poles, 60Hz, or what is being recommended by the manufacturer
- Wires and Conduits: 3 x 5.5mm² THHN Copper wire + 1 x 5.5mm² THHN (ground) Complete with IMC conduits

b. From Panelboard to aircon unit (Outdoor and Indoor Units)

Use:

- Wires and Conduits: THHN copper wires in IMC conduit.

Note: Sizes of conductor and conduit will depend on the actual capacity of aircon units and/or as recommended by the manufacturer

1.2.2. One (1) lot hangers and support

1.2.3. One (1) lot digital electrical watt-hour meter, 3-phase, 3 wires, 230 volts, compatible with Building Management System (BMS) connection for the proper monitoring of the total power consumption of the air conditioning units/system to be installed.

1.3. One (1) lot miscellaneous materials (hard-drawn copper tubing, type "L" and fittings, PVC pipe & fittings, 1-inch thick close-cell insulation, aeroflex or equivalent, polyethylene tape, electrical tapes, flat bar/angle bar, threaded round bar, aluminum sheet, paint, cement, sand and gravel etc.).

- 1.4. Install Indoor/Outdoor at the location indicated in the approved plans. Exact locations as approved, may vary during actual installation [+ or – one (1) meter] of equipment if necessity warrants. Provide vibration isolators. Fabricate/provide a well-designed ceiling supports or brackets to ensure safe and reliable system operations.
- 1.5. Install Outdoor Units at approved areas along the PH/RH Reflecting Pool (verify at site). Exact locations as approved, may vary during actual installation [+ or – one (1) meter] of equipment if necessity warrants. Fabricate angular metal, (2inches x 2inches x 1/4 inches) base/stand and metal support brackets with footings embedded on a concrete base, 5ft(L) x 3 ft (W)x 5 inches (T).
- 1.6. Re-route or relocate air duct, electrical conduits and other materials inside the ceiling obstructing the installation area of the indoor unit or fan coil unit. Free the installation area of any obstruction and restore the functionality of those re-routed facilities or building/system attachment.
- 1.7. Perform pipe laying (Hard-drawn copper tubes, type “L”) and system interconnectivities/welding works.
- 1.8. Install Condensate Drain Pipe (PVC Pipe, 1-inch thick close-cell insulation, Polyethylene Tape) and its hanger & support system. Tap to the nearest approved drain line.
- 1.9. Conduct electrical installations using appropriate electrical breakers, wires, conduits, watt-hour meter and other electrical materials to ensure safe and reliable system operations.
- 1.10. Conduct leak testing
- 1.11. Insulate the refrigerant suction lines and condensate drain lines by 1-inch thick close-cell insulation, aeroflex or approved equivalent complete with aluminum cladding once it passed the leak testing
- 1.12. Vacuum individual system.
- 1.13. Break vacuum and charge initial *R410A/R-32* refrigerant.
- 1.14. Perform flushing of each of the Split-Type Packaged A/C Systems installed at the subject areas
- 1.15. Recharge system to full-charge condition with *R410A/R-32*.
- 1.16. Operate systems and take operating data to serve as a guide for needed re- calibration and/or corrective service/s.

- 1.17. Conduct final testing and commissioning of all the supplied, and installed Packaged Air-conditioning Units in the presence of PICC's Project-in-Charge or his authorized representative.
- 1.18. Clean the area and properly dispose/haul waste materials and debris out of the PICC premises.
- 1.19. Restoration cost on damaged equipment or any property due to contractor's poor workmanships or negligence must be borne by the Contractor.
- 1.20. Reinstall the existing two (2) units 3.0 TR, Floor Mounted, Packaged Airconditioning Units serving PH Dressing Room & PH VIP Room.
- 1.21. Project turnover and acceptance
- 1.22. Demobilization

2.0. HEROES ROOM

- 2.1 Supply and deliver the following minimum requirement of Split-type, Inverter-type packaged-type air conditioning units:
 - 2.1.1. Two (2) units, 4.0HP Cooling Capacity, Fan Coil Unit (FCU), Ceiling Cassette-type, 4-way airflow/round airflow free-blow with very low or low noise/sound level – Low: 32-35dB(A), Medium: 36-40dB(A) and High: 41-43dB(A) measured at 1.5 meter away from the unit, Airflow rate – Low: 670-720cfm, Medium: 880-930cfm, High: 1,090-1,140cfm, 220-230 Volts, 1 Phase, 60Hz using environment-friendly refrigerant, *R-410A/R-32*; with portable remote control and fixed remote control on-off switch. The fixed remote control on-off switch shall be installed near the main door. See attached drawing for the exact location
 - 2.1.2. Two (2) units, 4.0HP Cooling Capacity, Air-Cooled Condensing Unit, (ACCU), *Scroll-type/Rotary-type* compressor, inverter-type, utilizing *R-410A/R-32* Refrigerant, 220-230Volts, 3 Phase, 60Hz. If the outdoor unit is 380V or 440-460V, the Contractor shall provide a transformer.
- 2.2. Various Electrical Materials:
 - 2.2.1. One (1) lot Panelboards and Electrical Wires:

- 2.6. Re-route or relocate air duct, electrical conduits and other materials inside the ceiling obstructing the installation area of the indoor unit or fan coil unit. Free the installation area of any obstruction and restore the functionality of those re-routed facilities or building/system attachment.
- 2.7. Perform pipe laying (Hard-drawn copper tubes, type "L") and system interconnectivities/welding works.
- 2.8. Install Condensate Drain Pipe (PVC Pipe, 1-inch thick close-cell insulation, Polyethylene Tape) and its hanger & support system. Tap to the nearest approved drain line.
- 2.9. Conduct electrical installations using appropriate electrical breakers, wires, conduits, watt-hour meter and other electrical materials to ensure safe and reliable system operations.
- 2.10. Dismantle existing air-conditioning units serving Heroes Room.
- 2.11. Conduct leak testing
- 2.12. Insulate the refrigerant suction lines and condensate drain lines by 1-inch thick close-cell insulation, aeroflex or approved equivalent complete with aluminum cladding once it passed the leak testing
- 2.13. Vacuum individual system.
- 2.14. Break vacuum and charge initial *R410A/R-32* refrigerant.
- 2.15. Perform flushing of each of the Split-Type Packaged A/C Systems installed at the subject areas
- 2.16. Recharge system to full-charge condition with R410A.
- 2.17. Operate systems and take operating data to serve as a guide for needed re- calibration and/or corrective service/s.
- 2.18. Conduct final testing and commissioning of all the supplied, and installed Packaged Air-conditioning Units in the presence of PICC's Project-in-Charge or his authorized representative.
- 2.19. Clean the area and properly dispose/haul waste materials and debris out of the PICC premises.
- 2.20. Restoration cost on damaged equipment or any property due to contractor's poor workmanships or negligence must be borne by the Contractor
- 2.21. Project turnover and acceptance
- 2.22. Demobilization