



Republic of the Philippines
OVERSEAS WORKERS WELFARE ADMINISTRATION
Department of Labor and Employment



BIDS AND AWARDS COMMITTEE

Bidding for One (1) Lot – Supply, Delivery and Installation of Air-conditioning Units

SUPPLEMENTAL BID BULLETIN NO. 01
14 April 2023

This Supplemental Bid Bulletin No. 01 is issued to address the issues and concerns in the Bidding Documents. This shall form an integral part of the Bid Documents:

Section VI. Schedule of Requirements

Amended Schedule of Requirements (please see attached)

Section VII. Technical Specifications

Amended Technical Specifications (please see attached)

For guidance and information of all concerned.


Atty. EDELYN A. DUNGAN-CLAUSTRO
BAC Chairperson

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	Quantity	Total	Delivered, Weeks/Months
1.	Split Type - Floor Mounted Inverter, 5-TR	7 units	7	Units will be delivered within Fifteen (15) days upon receipt of Notice to Proceed. (Duration of contract is Thirty (30) calendar days from receipt of NTP)
2.	Split Type - Floor Mounted Inverter, 3.0-TR	9 units	9	
3.	Window Type Inverter with remote R410A or R32 refrigerant, 2.0-HP	2 units	2	
4.	Split Type Wall Mounted Inverter, 2.0 HP	3 units	3	

Technical Specifications

Item	Specification	Statement of Compliance
		<p><i>[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 subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's 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 applicable laws and issuances.]</i></p>
TERMS OF REFERENCE		
I. SCOPE OF WORK		
	<ol style="list-style-type: none"> 1. The contractor shall conduct pre-inspection and measurement to ensure satisfactory completion of the project. 2. The contractor shall prepare all necessary materials and equipment needed during the duration of the project and shall be placed only in the area designated by OWWA. 3. Before the commencement of the project, the contractor shall undertake a thorough examination in coordination with EGSD, of the areas to avoid difficulties in the implementation of the project that would adversely affect the operation of OWWA. 4. The contractor shall secure necessary Access or Permit to Work and Entry/Exit Pass for the Personnel, materials, and 	

<p>equipment from OWWA before the commencement of the project.</p> <ol style="list-style-type: none">5. The contractor shall assign senior Installation personnel to supervise the project.6. To avoid accidents or untoward incidents, the contractor shall practice Occupational Health and Safety Standards at Workplace with proper uniforms and PPE while working for the personnel assigned to this project.7. Works such as fabrication, hot-works, and/or chipping of slab, flooring, and CHB wall, the contractor shall coordinate with EGSD before specific works can proceed.8. All electrical installations such as layout of conduits, and devices e.g. shall be following the PEC and manufacturer's installation guide.9. Make sure to recover all the remaining refrigerant to the recovery machine with no spill before removing the pipes.10. Remove the old piping, NEMA, breakers, and wires to be replaced.11. Install units (indoor and outdoor) shall be properly secured with brackets support.12. Connect all necessary piping, electrical conduit and wiring, controls, ductwork, condensate, insulation, and necessary appurtenances.13. Proper installation of draining pipe makes sure that it flows continuously.14. Clean all debris before installing new ones.15. The use of substandard materials and flexible PVC conduit is not allowed.16. Materials for the installation of drain pipes shall be in a minimum size of ¾ in. PVC Blue.17. Materials for the installation of the copper tube shall be in Harddrawn.18. Restoration of all affected areas by the installation of ACU.19. Compressor current and cooling temperature shall be tested and demonstrated.	
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- 20. Run equipment, observe its operation, and read instruments and gauges, including Volt-ohms meters; find out temperature gauges and adjust mechanisms, including valves, pumps, and controls to direct levels of fluid, temperature, and pressure.
- 21. ACs will be switched ON and the cooling effect will be checked.
- 22. ACs will be switched ON/OFF 10 times in one hour following recommended procedures.
- 23. The water drain shall be checked by flowing water.

II. SPECIFICATIONS AND LOCATION of INSTALLATION

Office/Rooms	Capacity/Technical Specifications
<ul style="list-style-type: none"> (1) 1-unit Multi-purpose Hall (10th Floor) (2) 1-unit Budget Office (Rm. 402) (3) 1-unit HRMDD (Rm. 302) (4) 1-unit Legal (Rm. 105) (5) 1-unit MPC (Rm. 701) (6) 1-unit RAD (Rm. 202) (7) 1-unit ROCS (Rm. 601) 	<p>Split Type - Floor Mounted Inverter Cooling Capacity – 5TR, 60K Btu, 63,300 kJ/h Power Supply – 230V/60Hz-3Ph Rated Power – 6,140W 5 Rated Current – 18.6A EER – 9.77 Btu/hW, 10.31 kJ/hW Refrigerant – R410A or R32 Operation Temperature (Min-Max) – 17-30°C</p> <p>Indoor Unit Dimension (W×D×H) – 610mm×427mm×1,900mm Unit Weight (Net/Gross) - 59/62Kg</p> <p>Outdoor Unit Dimension (W×D×H) - 1,016mm×355mm×1,268mm</p> <p>Piping Connections Liquid Pipe Size (Diameter) - Ø12.7 (Ø1/2) mm(in) Gas Pipe Size (Diameter) - Ø22.23 (Ø7/8) mm(in) Max. Refrigerant Pipe Length – 30m Max. The difference in level – 8m</p>
<ul style="list-style-type: none"> (1) 1-unit Accounting (Rm. 505B) (2) 1-unit Deputy Administrator for AFM (Rm. 503) (3) 1-unit EGSD (Rm.305) (4) 1-unit Halfway (Rm. 203) (5) 1-unit Legal (Rm.105) (6) 1-unit MISD (Rm. 601) (7) 1-unit MPC (Rm. 704 or 712) (8) 1-unit PPMD (Rm. 301) 	<p>Split Type - Floor Mounted Inverter Cooling Capacity – 3.0TR, 37K Btu/h, 39,035kJ/h Power Supply – 230V/60Hz/1Ph Rated Power – 3,850W EER - 9.61 Btu/hW, 10.14 kJ/hW Refrigerant – R410A or R32 Operation Temperature (Min-Max) – 17-30°C</p>



(9) 1-unit RMD (Rm.303)	<p>Indoor Unit Dimension (W×D×H) – 610mm×335mm×1,863mm</p> <p>Outdoor Unit Dimension (W×D×H) - 1,016mm×355mm×812mm</p> <p>Piping Connections Liquid Pipe Size (Diameter) - Ø9.52 (Ø3/8) mm(in) Gas Pipe Size (Diameter) - Ø19.05 (Ø3/4) mm(in) Max. Refrigerant Pipe Length – 30m Max. Difference in level – 8m</p>	
(1) 1-unit Elevator (10th Flr.) (2) 1-unit COA Staff (Rm. 504)	<p><u>Window Type with remote R410A or R32 refrigerant Inverter</u> Remote Controlled Capacity – 2HP Cooling – 18k Btu/h, 18,990Kj/h Input – 1,730W Rated Current – 8.7A EER – 11Kj/h-W Max. input consumption – 2,150W Voltage, Frequency, Phase - 220-230V~60Hz,1Ph Indoor Airflow – 700m³/h Indoor Noise Level – 55-59 dB(A) Unit Dimension WxDxH – 660mmx690mmx435mm Operation Temperature – 16-32°C Applicable Area – 25-33m²</p>	
(1) 1-unit Auditor (Rm. 504) (2) 1-unit GAS (Rm. 305) (3) 1-unit Server Room (Rm. 601 or 602)	<p><u>Split Type Wall Mounted Inverter</u> Cooling Capacity – 2.0HP, 16900Btu/h, 17830kJ/h Power Supply – 230V/60Hz/1Ph Rated power – 1650W Rated Current – 7.4A EER – 10.2 Btu/hW, 10.8 kJ/hW Refrigerant – R410A or R32 Operation Temperature – 16.32°C Applicable Area (Unloaded Space) - 20-35 m² Airflow Volume (Hi) – 780 m³/h Noise Level (Low) – 37 dB(A)</p> <p>Indoor Unit Dimension (W×D×H) – 910mm×205mm×292mm</p> <p>Outdoor Unit Dimension (W×D×H) – 760mm×256mm×552mm</p> <p>Piping Connections Liquid Pipe Size (Diameter) - Ø6.35 (Ø1/4) mm(in) Gas Pipe Size (Diameter) - Ø12.7 (Ø1/2) mm(in) Max. Refrigerant Pipe Length – 15m Max. Difference in level – 5m</p>	



<p>III. OTHER REQUIREMENTS</p> <p>12. The project shall include the supply of all necessary accessories such as power supply lines, circuit breakers, drainage pipes, electrical works, masonry, and restoration of all areas affected by the ACU Installation.</p> <p>13. Must have after-sales service technical support available during the warranty period.</p> <p>14. The service provider must secure a Certificate of Completion and Acceptance with a rating of at least "Satisfactory" issued by the bidder's Single Largest Completed Contract.</p> <p>15. The Brand to be supplied should be at least Twenty (20) years in the Philippine Consumer Market.</p> <p>16. The contractor/installer shall provide technicians, tools, supervision, and equipment necessary in the dismantling, and removal of the existing ACU and in the installation and testing of the new ACU.</p> <p>17. The qualified personnel shall be trained as an installer of the Manufacture and TESDA certified.</p> <p>18. Conduct operation and maintenance training for the end-user.</p> <p>19. The contractor shall be an accredited and/or authorized installer of the brand or by the manufacturer.</p> <p>20. All installation shall be per the Manufacturer's specifications.</p> <p>21. To submit warranty certificate.</p> <p>22. The contractor must have a refrigerant recovery machine.</p>	
<p>IV. PROJECT DURATION: INSTALLATION AND DELIVERY SCHEDULE</p> <p>Thirty (30) calendar days from the NTP to completion.</p> <ul style="list-style-type: none"> • Upon receipt of NTP 	
<p>V. INSPECTION AND ACCEPTANCE</p> <ul style="list-style-type: none"> • Acceptance shall be based on the testing, performance demonstration, and satisfactory working of ACU. • Upon completion and acceptance, all deficiencies identified in the inspection shall be rectified forthwith. 	



<p>VI. MODE OF PAYMENT</p> <ul style="list-style-type: none"> • Upon completion and acceptance of the project. 	
<p>VII. WARRANTY</p> <p>Six (6) months from the date of acceptance. Any part or materials installed and workmanship found to be defective within this period will be replaced by the contractor free of charge to the OWWA.</p>	
<p>VIII. GREEN SPECIFICATIONS (GREEN PUBLIC PROCUREMENT)</p> <ul style="list-style-type: none"> • The supplier shall supply air conditioners which fulfils at least ENERGY STAR 4.0. • The supplier shall ensure that the products do not contain “controlled refrigerants” as defined under the Ozone Layer Protection Regulation. • The supplier shall ensure that the products are repairable and that replacement parts are available (for minimum of 10 years after end of production). • The supplier shall supply the products in recyclable packages and shall provide a packaging take-back service. 	
<p>IX. APPROVED BUDGET FOR THE CONTRACT</p> <p>The Approved Budget for the Contract is TWO MILLION ONE HUNDRED SIXTY-FIVE THOUSAND PESOS (Php2,165,000.00) from Capital Outlay CY 2023.</p>	

