



**Republic of the Philippines  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES**

**REQUEST FOR QUOTATION  
NO.: RFQ-2023-037**

Date: August 4, 2023

Name of the Company : \_\_\_\_\_  
 Address : \_\_\_\_\_  
 Contact No. : \_\_\_\_\_  
 PhilGEPS Registration No. : \_\_\_\_\_

Sir/Madam:

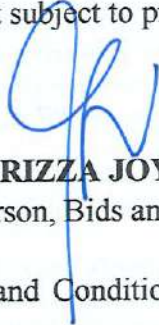
Please quote your best offer (lowest net, price, taxes, and government discount terms included) and submit your Quotation duly signed by you or your duly authorized representative not later than **AUGUST 10, 2023 at 9:00AM** for:

Name of the Project : **PREVENTIVE MAINTENANCE OF ACU AT LAOAG INTERNATIONAL AIRPORT**  
 Location : **LAOAG INTERNATIONAL AIRPORT**  
 Terms of Reference :

Sealed quotations must be submitted either personally to Ms. Hazelle May C. Andres, Head, Secretariat of the Bids and Awards Committee of Laoag International Airport (BAC-LIA) or e-mail at [areacenter1\\_bac@caap.gov.ph](mailto:areacenter1_bac@caap.gov.ph). For any clarification, do not hesitate to contact us through the contact information seen below.

Aside from the Terms and Conditions provided at the back portion of this RFQ, please observed the following general conditions:

1. The following documents must be attached upon submission of the Quotation:
  - a) Mayor's Permit
  - b) PhilGEPS Certificate of Registration
2. All quotations shall be considered as fixed price and not subject to price escalation during the contract implementation.
3. Payment shall be made through check.

  
**ATTY. RIZZA JOY S. VALLESTERO**  
 Chairperson, Bids and Awards Committee

After having carefully read and accepted the Terms and Conditions, I/We submit our quotations for the following item/s:

ITEM DESCRIPTION  (SPECIFY THE BRAND AND MODEL OF YOUR OFFER/PROPOSAL, IF APPLICABLE)	APPROVED BUDGET OF THE CONTRACT (ABC)	OFFER*						REMARKS
		PRICE				Compliance w/ Technical Specifications		
		QTY	UNIT	Unit Price	Total Price	Yes	No	
1. Supply, delivery and installation of ACU parts which will be used for the project titled: "PREVENTIVE MAINTENANCE OF ACU AT LAOAG INTERNATIONAL AIRPORT"	₱499,897.50	1	Lot					
<b>TOTAL ABC</b>	₱499,897.50							





GRAND TOTAL:					
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**Note: Quotation for each item must not exceed the ABC per item**

\_\_\_\_\_  
Signature over Printed Name  
Supplier/Dealer/Contractor

### TERMS AND CONDITIONS

1. Bidders shall provide correct and accurate information required in this form.
2. Price quotation/s must be valid for a period of Thirty (30) calendar days from the date of submission.
3. Price quotation/s shall be denominated in Philippine Peso which includes all taxes, duties and/or levies payable.
4. Quotations exceeding the ABC shall be rejected.
5. Award of contract shall be made to the lowest quotation (for goods and infrastructure) or, the highest rated offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein. Further, the most advantageous to the government to the point of quality of materials and prices as well as the responsiveness of the bids shall be the basis of the award.
6. *The Head of the Procuring Entity reserves the right to reject any and all bids, declare a failure of bidding or not award the contract in any of the following conditions set forth by Sec. 41 (Reservation Clause) of the Revised IRR of RA 9184.*
7. The Supply Office of LIA shall have the right to inspect and to test the goods to confirm their conformity to the technical specifications.
8. *Date of Completion/Delivery:* In case of an approved POW, within the period stated therein. While, in cases of regular procurement, within 7-10 days or less, after the issuance of the Purchase Order. Further, any request of extension shall be sent to the End-User/Implementing Facility concern.
9. *Mode and Terms of Payment:* Within ten (10) working days after the supplies/materials and labor/service have been inspected and accepted, respectively, through a check issued by the procuring entity.
10. Liquidated damages equivalent to one tenth of one percent (0.001%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. This Office (LIA) 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.

**NOTE: The aforesaid Terms and Conditions shall be without prejudice to any provisions of a Contract which will be executed by and between the Procuring Entity and Contractor/Supplier/Dealer in order to conform with the requirements set forth by RA 9184.**

**AGENCY** : Department of Transport  
 / CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
**PROJECT** : Preventive Maintenance, ACU  
**LOCATION** : LAOAG INTERNATIONAL AIRPORT  
**SUBJECT** : TECHNICAL SPECIFICATIONS

**DETAILED SPECIFICATIONS**

A.

**DIRECT COST**

ITEM		QUANTITY	UNIT COST	AMOUNT
<b>DOMESTIC ARRIVAL</b>				
1	Supply of Labor, Materials and Consumables for Preventive Maintenance of 5TR Carrier Floor Mounted ACU with R22 Refrigerant	1 lot		
	Indoor Unit Model: ASBFE600BA FP-42BFEF SUCARX05TEEPXC			
	Outdoor Unit Model: 38ASB600DC FP-38A SBCDUCARX05TKXPXC			
	- General Cleaning			
	- System Reprocessing			
	- Replacement of Filter Drier			
	Replacement of Rubber Insulation(5/8 x 1/2) and Polyethylene Tape			
2	Supply of Labor, Materials and Consumables for Preventive Maintenance of 5TR Koppel Floor Mounted ACU with R22 Refrigerant	1 lot		
	Indoor Unit Model: KFM-60E0A			
	Outdoor Unit Model: KPC-60IH0A			
	- General Cleaning			
	- Replacement of Compressor Motor			
	- Replacement of 3phase Magnetic Contactor			
	- System Reprocessing			
	- Replacement of Filter Drier			
<b>CHECK-IN LOBBY</b>				
3	Supply of Labor, Materials and Consumables for Preventive Maintenance of 5TR Koppel Floor Mounted ACU	1 lot		
	Indoor Unit Model: KFM-60E0A			
	Outdoor Unit Model: KPC-60IH0A			
	- General Cleaning			
	- Replacement of Compressor Motor			
	- System Reprocessing			
<b>DOMESTIC DEPARTURE</b>				
4	Supply of Labor, Materials and Consumables for Preventive Maintenance of 2.5TR Koppel Ceiling Mounted Cassette Type ACU	3 lot		
	Indoor Unit Model: KV36CC-ARF21B			
	Outdoor Unit Model: KV36ODU-ARF21B			
	- General Cleaning			
	- Replacement of Pump Drain Motor			
	Separation and Upgrading of Drain Pipe, New Piping Size: 1", Pipe Length: 5 meters			



	- System Reprocessing			
<b>BAGGAGE BUILD-UP</b>				
5	Supply of Labor, Materials and Consumables for Relocation of Condensing Unit of 5TR Floor Mounted ACU	2 lot		
	Relocation of Condensing Unit for Kolin ACU Piping Extension: 5 meters			
<b>CCTV ROOM</b>				
6	Supply of Labor, Materials and Consumables for the Preventive Maintenance of Koppel Wall Mounted Split Type ACU	1 lot		
	- General Cleaning			
	- Replacement of Copper Tubing			
	- Replacement of Insulation Foam			
	- System Reprocessing			
<b>CONCESSION BUILDING</b>				
7	Supply of Labor, Materials and Consumables for the Preventive Maintenance of Samsung Wall Mounted Split Type ACU	1 lot		
	- General Cleaning			
	- System Reprocessing			
8	Freon Gas R32	3 tanks		
9	Freon Gas R22	3 tanks		
10	Freon Gas R410A	2 tanks		
11	Copper Tube 1/2 x .028	4 roll		
12	Copper Tube 1/4 x .028	4 roll		
13	Copper Tube 3/8 x .028	4 roll		
14	Copper Tube 5/8 x .028	4 roll		
15	Insulation Foam 1/2 x 1/2	40 pcs		
16	Insulation Foam 1/4 x 1/2	40 pcs		
17	Insulation Foam 3/8 x 1/2	40 pcs		
18	Insulation Foam 5/8 x 1/2	40 pcs		
19	White Tape (Polypolene)	40 pcs		
20	DynaBolt 5/16	30 pcs		
			<b>Total Unit Cost</b>	

AGENCY: Department of Transportation  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
PROJECT: Preventive Maintenance, ACU  
LOCATION: LAOAG INTERNATIONAL AIRPORT  
SUBJECT: SCOPE OF WORKS

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## 1.0 GENERAL

- The works to be accomplished by the successful bidders shall consist of furnishing, supervision of labor, materials, supplies, tools and equipment to complete the Scope of Works of the **Preventive Maintenance, ACU**.
- All Scope of Works must be according to plans and specifications. The quality and types of materials must conform to the specifications and must be approved first by the Engineer In-charge assigned by CAAP-LIA
- The Contractor shall be responsible in providing safety perimeter fence or security fences, personal protective equipment (PPE) for staffs and workers on site while construction is ongoing. Safety reports should be prepared regularly.
- Contractor shall provide accomplishment work pictures (Printed/Soft Copy: before, during and after) for documentation to the the Engineer-in-charge assigned by CAAP-LIA.

## 2.0 LOCATION OF THE PROJECT

- The Contract to be bid is located at Laoag International Airport.

## 3.0 SCOPE OF WORKS

- The details of work are at best enumerated below, but be noted that the Contract includes all works and services although not specifically mentioned herein, but are needed to fully complete the Project.
- The Project covers the supply of labor, materials, mobilization/demobilization, tools/equipment, and construction related permits necessary for **Preventive Maintenance, ACU** with the following scope of works which shall be done in accordance with the approved plans, specifications and provision of contract to wit: (Work shall include but is not limited to the following)

## 4.0 MAINTENANCE WORKS

### DOMESTIC ARRIVAL

#### 1. Scope of Works for 5TR Carrier Floor Mounted ACU

- 01 General Cleaning
- 02 System Reprocessing
  - a. Test leak with the use of Nitrogen
  - b. Leak repair for the damages discovered
  - c. System Pipe Flushing
  - d. Replacement of **Filter Drier**
  - e. Final Test Leak
  - f. Charging of Freon Gas (R22)
- 03 Replacement of Rubber Insulation (5/8x1/2) and Polyethylene Tape

#### 2. Scope of Works for 5TR Koppel Floor Mounted ACU

- 01 General Cleaning
- 02 Replacement of Compressor Motor
- 03 Replacement of 3phase Magnetic Contactor
- 04 System Reprocessing
  - a. Test leak with the use of Nitrogen
  - b. Leak repair for the damages discovered



- c. System Pipe Flushing
- d. Replacement of **Filter Drier**
- e. Final Test Leak
- f. Charging of Freon Gas (R22)

#### **CHECK-IN LOBBY**

##### **3. Scope of Works for 5TR Koppel Floor Mounted ACU**

- 01 General Cleaning
- 02 Replacement of Compressor Motor
- 03 System Reprocessing
  - a. Test leak with the use of Nitrogen
  - b. Leak repair for the damages discovered
  - c. System Pipe Flushing
  - d. Final Test Leak
  - e. Charging of Freon Gas (R22)

#### **DOMESTIC DEPARTURE**

##### **4. Scope of Works for (3 units) 2.5TR Koppel Ceiling Mounted Cassette Type ACU**

- 01 General Cleaning for each unit
- 02 Replacement of Drain Pump Motor for each unit
- 03 Separation and Upgrading of Drain Pipe with new piping size of 1" and piping length of 5 meters each unit
- 04 System Reprocessing for each unit
  - a. Test leak with the use of Nitrogen
  - b. Leak repair for the damages discovered
  - c. System Pipe Flushing
  - d. Final Test Leak
  - e. Charging of Freon Gas (R410A)

#### **BAGGAGE BUILD-UP**

##### **5. Scope of Works for (2 units) 5TR Kolin Floor Mounted ACU**

- 01 Dismantling of Outdoor Units
- 02 Reinstallation of Outdoor Units with additional pipe extension of 5 meters for each
- 03 System Reprocessing for each unit
  - a. Test leak with the use of Nitrogen
  - b. Leak repair for the damages discovered
  - c. System Pipe Flushing
  - d. Final Test Leak
  - e. Charging of Freon Gas (R22)

#### **CCTV ROOM**

##### **6. Scope of Works for Koppel Wall Mounted Split-type ACU**

- 01 General Cleaning
- 02 Replacement of Copper Tubing (1/4 x .028 and 3/8 x .028 with length of 15 meters)
- 03 Replacement of Insulation Foam (1/4x1/2 and 3/8x1/2)
- 04 System Reprocessing
  - a. Test leak with the use of Nitrogen
  - b. Leak repair for the damages discovered
  - c. System Pipe Flushing
  - d. Final Test Leak
  - e. Charging of Freon Gas (R410A)

## CONCESSION BUILDING

### 7. Scope of Works for Wall Mounted Split-type ACU

- 01 General Cleaning
- 04 System Reprocessing
  - a. Test leak with the use of Nitrogen
  - b. Leak repair for the damages discovered
  - c. System Pipe Flushing
  - d. Final Test Leak
  - e. Charging of Freon Gas (R410A)

### Scope of Works for other items included in the project

- 01 Supply and Delivery of the following:

Item No.	Item Description	Quantity
8	Freon Gas R32	3 tanks( at least 10kg)
9	Freon Gas R22	3 tanks (at least 13.6kg)
10	Freon Gas R410A	2 tanks (at least 11.3kg)
11	Copper Tube 1/2 x .028	4 roll
12	Copper Tube 1/4 x .028	4 roll
13	Copper Tube 3/8 x .028	4 roll
14	Copper Tube 5/8 x .028	4 roll
15	Insulation Foam 1/2 x 1/2	40 pcs
16	Insulation Foam 1/4 x 1/2	40 pcs
17	Insulation Foam 3/8 x 1/2	40 pcs
18	Insulation Foam 5/8 x 1/2	40 pcs
19	White Tape (Polypolene)	40 pcs
20	DynaBolt 5/16	30 pcs