

# TERMS OF REFERENCE AND TECHNICAL SPECIFICATION

For the Procurement of 2 Units, 2 HP, Inverter, Split Type Air-Con and

3 Units 5 Tonner, Floor Mounted Aircon.

With Installation for Matatag Hall/ PPSC Head Office

## A. GENERAL SPECIFICATIONS

	OFFICE EQUIPMENT	MINIMUM REQUIREMENTS
1	AIRCON SPLIT-TYPE 2 UNITS	<ul style="list-style-type: none"><li>-Wall Mounted Split Type, 2 hp, single phase 230 volts with installation.</li><li>-Specifications: Inverter Type, high cooling performance, anti-rust design, strong and robust casing materials, sound level (low).</li><li>-Must be ecofriendly.</li><li>-With breaker at NEMA 3R enclosure (outdoor).</li></ul>
2	5 TONNERS FLOOR MOUNTED 3 UNITS	<ul style="list-style-type: none"><li>- Floor Standing Type (3 phase) 5 tonner(380-400V), with installation.</li><li>- Specifications: Inverter type high cooling performance anti-rust design, strong and robust casing materials. Cooling capacity: minimum 6.2 kw, power consumption minimum 5.71 kw, sound level (low).</li><li>- Must be ecofriendly.</li><li>- With breaker at NEMA 3R enclosure (outdoor).</li></ul>

## B. DELIVERABLES

### B.1 WARRANTY

The Air-conditioning units shall be covered by warranty after sales services for a period of one (1) year after its inspection and acceptance by the Procuring Entity.

### B.2 DOCUMENTATION

1. To be included in the Technical Bid Documents

1.1 Brochures showing the specifications of the product being offered.

2. Submission of Warranty Certificate.

### B.3 DELIVERIES AND INSTALLATION

- 15 days installation period after deliveries of air-conditioning units.
- 2 months allowable deliveries for 5 tonner floor mounted 3 phase /400v aircon.
- Delivery Time: During office hour (Monday-Friday) (9:00am-4:00 pm)
- Payment Period: Within sixty days from the completion of delivery.
- Supplier must have no records of delay of delivery due to unjustifiable reasons. Community quarantine classification cannot be used as a justifying reason for the delay of the delivery.
- All office supplies offered/delivered must be of good quality and must be the same materials/supplies presented during the conduct of post qualification
- The Head of the Procuring Entity (HoPE) reserved the right to decline the delivered goods which is different from presented during the post qualification.
- Place of delivery: PPSC Head Office.

### **C. INSPECTION AND TESTS**

The Philippine Public Safety College (PPSC) shall have the right to inspect and/or test the goods to confirm conformity with the contract. The winning bidder shall furnish test equipment, instrumentation, personnel and supplies necessary to perform all testing. PPSC shall be given a five (5) working day notice prior to tests.

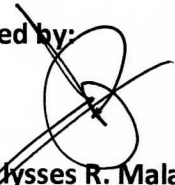
### **D. MAINTENANCE/TECHNICAL SUPPORT**

- During the warranty period, the vendor shall provide highly technical personnel to service all the equipment including its components/peripherals whenever hardware breakdown and/or any related problem should occur.
- To conduct cleaning of filters every two months for one year.
- On call support shall be available 24 hours a day, 7 days a week. A one (1) hour response from time of the call (through telephone call) shall be provided.
- On- site support must have a response time of not more than 4 hours from the time of the call-in cases when the phone support could not solve the problem.
- On hardware repair, testing shall be done on-site to know the extent of the problem. All components beyond repair shall be replaced at no cost during the warranty period. Service units should be available for the system and peripherals a day after testing and diagnosis for replacement of the defective unit(s).
- The winning bidder must provide expert personnel to service the equipment whenever any related problem should occur.

### **E. AVAILABILITY**


- The winning bidder must provide pro-active maintenance support that automatically generates reports and ends notification to the manufacturers 24/7 call support centers in cases of system abnormality so that component will be replaced and errors will be fixed before failure occurs.
- Hardware components that cannot be repaired must be provided with a service unit and/or replacement parts must be available at all times
- The component(s) that has been replaced must be operational within four (4) hours including response time of two (2) hours.
- The product offered must be in the market for 15 years or more.
- The spare parts of the product offered must be readily available in the market.

Prepared by:



Engr. Ulysses R. Malapitan  
PPSC/Reg. Elect. Engr.

Reviewed By:



Engr. Romy V. Yalo  
Acting Chief, GSS,AD

Submitted By:



PCOL Froilan P. Elopre  
Acting Chief, Administrative Division

Approved By:

PLTGen. Ricardo F. De Leon Ph. D.  
President,PPSC