



JAMAICA CIVIL AVIATION AUTHORITY

4 WINCHESTER ROAD,
KINGSTON 10

INVITATION TO QUOTE RFQ #: JCAA00141

Subject: To Supply & Install Precision Cooling Air- Conditioning System for the NMIA & Norwood Radar Sites

Dear Sir/Madam,

1. You are invited to submit your price quotation in a pro-forma invoice format to supply & install Precision Cooling Air-Conditioning System for the NMIA & Norwood Radar sites of the Jamaica Civil Aviation Authority as laid down in **Attachment 1** as follows:

Item	Description	Quantity
1.	To Supply & Install Precision Cooling Air-Conditioning System for the NMIA & Norwood Radar	As per attachment 1

2. Price quotations will be evaluated and a Purchase Order issued.
3. The contract will not necessarily be awarded to the bidder with the lowest price but to the bidder who submits the best overall proposal
4. **Mandatory** site visits are scheduled for the NMIA Radar Site on **Monday, July 30, 2018 @ 11:00 a.m.** & Norwood Radar Site on **Tuesday, July 31, 2018 @ 11 a.m.**

NB. Bids will only be accepted from Bidders who attends the site visits

5. Eligibility Criteria
Your bid should be accompanied by:
 - Copy of a valid Tax Compliance Letter (TCL).
(Please include print out that displays the expiry date)
 - Copy of a valid National Contracts Commission (NCC) Registration Certificate under the category **“Heating, Ventilation, Air Conditioning, Refrigeration” and/or “Information Technology Systems”**

Note: None submission of the TCL or NCC registration will deem the bid non-responsive

- Where applicable, adequate technical documentation and catalogue(s) and other printed material or pertinent information (in English) for each item quoted, including names and addresses of firms providing service facilities in the territory of Jamaica.
 - The contractor should note any deviations and exceptions to the Technical
 - Specifications.
6. The deadline for receipt of your quotation is **Tuesday, August 14, 2018 at 3 p.m.** Quotations will **not** be accepted electronically, same must be delivered to the address outlined below. Bid opening follows at 3:15 p.m.
7. Your bid should be submitted as per the following instructions:
- (i). Prices: Prices shall be quoted in Jamaican dollars indicating all applicable taxes.
 - **Payment terms**
 - **Taxable amount clearly detailed**
 - **Estimated delivery date**
 - (ii). Evaluation of Bid: Quotations determined to be substantially responsive to the technical specifications and will be evaluated by comparison of their prices.

Arithmetical errors will be corrected as follows:

 - Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern.
 - If a Supplier refuses to accept the correction, the quotation will be rejected.
 - (iii). Award of Contract: The award will not necessarily be awarded to the bidder with the lowest price but to the bidder who submits the best overall proposal and also substantially responsive to the technical specifications
 - (iv). Payment: The method and conditions of payment to be made to the consultant will be stipulated in the contract. The supplier will be paid in Jamaican Dollars.

Payment of any purchase order valued Two Million Jamaican Dollars or over, will be made via wire transfer: The following information will be required:

 - Name on Account
 - Account Number
 - Financial Institution Branch Code and Bank Code
 - Account Type
 - (v). Delivery Schedule: Not more than 14 days from the issuing date of the Purchase Order. If this date is not achievable please indicate a date of delivery on the quotation.

- *Goods should be delivered as per the locations indicated in Attachment 1*

- (vi). Origin: There are no restrictions as to the origin of goods offered under this RFQ.
- (vii). Documentation: Subsequent to the delivery, the contractor is required to submit the following documentation:
- Invoice
 - Any other pertinent document
- (viii). Validity of the Offer: Your quotation should be valid for a period of 45 days from the date of submission of quotations as indicated in Paragraph 6 of this Invitation to Quote.

8. Further information can be obtained from:

Racquel Jones
Procurement Officer
4 Winchester Road
Kingston 10
Email: purchasing@jcaa.gov.jm
Fax: 876-920-8910

All responses to clarifications will be posted on the JCAA's website at www.jcaa.gov.jm

Deadline for Request for Clarification is Tuesday 7, 2018 @ 11 a.m.

PLEASE NOTE ALL CLARIFICATIONS TO THIS RFQ MUST BE SENT TO purchasing@jcaa.gov.jm

9. Bids are to be delivered in the tender box located in the lobby at the undermentioned address :

- Procurement Officer
Jamaica Civil Aviation Authority
4 Winchester Road
Kingston 10

NB. The RFQ number must be clearly stated on the outside of the envelope containing the bid

10. Please Confirm by email/fax the receipt of this invitation and whether or not you will submit a price quotation.

11. The Procuring Entity reserves the right to cancel the tender process or reject any or all quotations at its discretion.

Terms of Reference

To Supply and Install Precision Cooling Air- Conditioning System for the NMIA and Norwood Radar Sites

Overview

The existing Air-conditioning units at the site are now obsolete and have been in operation since the installation of the Raytheon Radar in 2001/2002. The recently installed Thales radar uses state-of-the-art electronic components and hence it is important that precision cooling system is used to ensure optimal performance of the radar system. Humidity control and temperature swings are critical elements that must be controlled to ensure sensitive equipment such as radar systems optimum performance.

Background

The Norwood radar has been in operation since 2001/2002 and provides critical overlapping coverage with the NMIA and Mount Denham radars to adequately cover the airspace for en-route traffic.

It also provides low altitude coverage for aircraft on final approach to land at the busiest airport on the island the Sangster International Airport. Traffic has been growing steadily and it is projected that this growth will continue for the medium to long term.



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The solution to be provided shall be turnkey and include but not limited to:

- Supply and Installation of precision cooling or Computer room Air conditioning (CRAC) in N+1 redundant configuration.
- Electrical installation of precision cooling system.
- Mechanical Mounting and Rigging of Precision cooling system.
- Supply and Installation of Environmental Monitoring Solution
- Provision of User and Technical Training on the operation and maintenance of the precision cooling systems.
- Critical Facility Monitoring Solution
- Energy Measurement and consumption trend tracking system.
- The encloser for the condenser units shall be made of material that is resistant to “saline environment”.
- Warranty Period Minimum 2 years.
- Refrigerant used by the system shall be environmentally friendly.
- The fan system shall use a Voltage rating (380-415) V 50 Hz, 3Ph +N
- The compressor shall use a Voltage rating (380-415) V 50 Hz, 3Ph +N
- The outdoor unit (Condenser) shall be “rust resistant” and the coil coated to protect it from the saline environment.
- The system shall have the capability to be monitored remotely.
- The system shall be fitted with an alarm system with the capability to detect fire and smoke.