

Tender Specification

Tender for the purchase of a Temperature Forcing Machine.

Date: 1 October 2021

CONTENTS

Page

Section

| | | |
|---|-------------------------------|---|
| 1 | INVITATION TO TENDER | 2 |
| 2 | BACKGROUND | 2 |
| 3 | SPECIFICATION OF REQUIREMENTS | 2 |
| 4 | PROJECT TEAM | 2 |
| 5 | QUALITY ASSURANCE / HSE | 2 |
| 6 | TENDER SUBMISSIONS | 3 |
| 7 | AWARD CRITERIA | 3 |
| 8 | QUERIES | 3 |
| 9 | TENDER RETURN | 3 |

1. INVITATION TO TENDER

The Contracting Authority for the purpose of this Invitation to Tender is Isocom Limited of 2 Fern Court, Bracken Hill Business Park, Peterlee, County Durham SR8 2RR.

2. BACKGROUND

Isocom Limited specialises in the design, manufacture and testing of high-reliability optoelectronic and microelectronic components for the space and aerospace industries. The purpose of this tender is to purchase a Temperature Forcing Machine to test Isocom's components over a broad range of hot and cold temperatures.

3. SPECIFICATION OF REQUIREMENTS

3.1 Services/Work/Equipment to be provided:

Isocom Limited is looking to purchase a Temperature Forcing Machine with the following specification:

- Temperature range from -65°C to +170°C
- Fast transition from -65°C to +170°C
- Temperature programs
- Programmable transition rate
- Gas flow rates for fast temperature stabilisation.
- Compressed air operation
- Two stage refrigeration for better cooling power & higher air flow rates at low temperature.
- Colour touch-screen flat panel display
- RS-232C and GPIB IEEE 488 Interfaces
- Air and DUT sense thermocouple Inputs
- Heatless air dryer assembly
- 0.1°C Stability.

3.2 Timescales

Tender placed on website – Friday 1 October 2021

Tender deadline – noon Monday 18 October 2021

Review bids – Monday 18 October 2021

Appoint preferred supplier/Place order – Tuesday 19 October 2021

Equipment Delivered and Installation Complete – Tuesday 16 November 2021

4. PROJECT TEAM

For technical queries please contact Thomas Bayat at tbayat@isocom.uk.com

Otherwise, please contact James Burtenshaw at jburtenshaw@isocom.uk.com

5. TENDER SUBMISSIONS

Tenders will be evaluated against the award criteria as set out within Section 7

6. AWARD CRITERIA

The contract will be awarded to the most economically advantageous tender evaluated against the following criteria.

| Criteria | Weighting % |
|------------------------|-------------|
| Timescale and delivery | 20 |
| Quality of product | 40 |
| Pricing of the tender | 40 |

7. QUERIES

To ensure a fair and transparent tender process no approach of any kind in connection with this tender should be made to any other person within, or associated with, Isocom Limited. Failure to comply may result in disqualification from the process.

8. TENDER RETURN

Please submit your tender to James Burtenshaw by email at jburtenshaw@isocom.uk.com

Closing date for all tenders is noon on 18/10/2021.

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European Union

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Development Fund