

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
VIKRAM SARABHAI SPACE CENTRE (VSSC)
THIRUVANANTHAPURAM**

**Tender for Development order of resistors equivalent to RNC55 and
RNC60**

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT II (AVN)/VS202100624301 dated 19-09-2022

A. Tender Details

Tender No : **VSSC/PURCHASE UNIT II (AVN)/VS202100624301**

Tender Date : **19-09-2022**

Tender Classification: **GOODS**

Purchase Entity : **PURCHASE UNIT II (AVN)**

Centre : **VIKRAM SARABHAI SPACE CENTRE (VSSC)**

Procurement of Development order of resistors equivalent to RNC55 and RNC60

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A.1 Tender Schedule

Tender Publish Date : **20-09-2022 14:10**

Bid Clarification Due Date : **20-10-2022 11:00**

Bid Submission Start Date : **20-09-2022 14:10**

Bid Submission Due Date : **27-10-2022 11:00**

Bid Opening Date : **27-10-2022 11:00**

Price Bid Opening Date : **10-11-2022 11:00**

A.2 Pre-bid Meeting Details

Date : **29-09-2022 11:00**

Place : **PRO hall**

Location : **ATF area**

Centre : **VIKRAM SARABHAI SPACE CENTRE
(VSSC), THIRUVANANTHAPURAM, KERALA**

The pre-bid meeting is not mandatory; interested parties should confirm their participation in advance through mail :

**ps03_avn_pur@vssc.gov.in/spo_avn_pur@vssc.gov.in.
No request for due date extension will be entertained a
sall clarifications to be cleared at the time of pre-bid
meetinf or before the due date.**

Details :

B. Tender Attachments

Technical Write-up/Drawings

Document : Technical Requirements

Document : General Requirements

Instructions To Vendors

C. Bid Templates

C.1 Technical Bid - Development order of resistors equivalent to RNC55 and RNC60

1. Resistor

Protomodel development of resistors equivalent to RNC55

Value : 10Ω, 392KΩ and 1MΩ

Wattage : 0.125W

TCR : 25ppm/°C

Tolerance : ±1%

Voltage : 200V

Quantity : 10 nos/each

2. RESISTOR

Protomodel development of resistors equivalent to RNC60

Value : 10Ω, 499KΩ and 1MΩ

Wattage : 0.25W

TCR : 25ppm/°C

Tolerance : ±1%

Voltage : 250V

Quantity : 10 nos/each

3. RESISTOR

Qualification of resistors equivalent to RNC55

Value : 10Ω, 392KΩ and 1MΩ

4. RESISTOR

Qualification of resistors equivalent to RNC60

Value : 10Ω, 499KΩ and 1MΩ

5. RESISTOR

Screened resistors equivalent to RNC55 for regular use

Value: 1.5KΩ, 10KΩ, 20KΩ, 100KΩ and 200KΩ (1000 Nos. each)

6. RESISTOR

Screened resistors equivalent to RNC60 for regular use

Value : 1KΩ, 2.21KΩ, 18.2KΩ, 20KΩ and 33.2KΩ (1000 Nos. each)

Common Specifications (Applicable for all items)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Protomodel development of resistors equivalent to RNC55	Value: 10Ω, 392KΩ and 1MΩ Wattage: 0.125W TCR: 25ppm/°C Tolerance: ±1% Voltage: 200V Quantity: 10 nos/each	Yes / No / Explain		
2	Protomodel development of resistors equivalent to RNC60	Value: 10Ω, 499KΩ and 1MΩ Wattage: 0.25W TCR: 25ppm/°C Tolerance: ±1% Voltage: 250V Quantity: 10 nos/each	Yes / No / Explain		
3	Qualification of resistors equivalent to RNC55	Lowest Value: 10Ω (158 Nos.) Critical Value: 392KΩ (146 Nos.) Highest Value: 1MΩ (146 nos.) Total: 450 Numbers	Yes / No / Explain		
4	Qualification of resistors equivalent to RNC60	Lowest Value: 10Ω (158 Nos.) Critical Value: 499KΩ (146 Nos.) Highest Value: 1MΩ (146 Nos.) Total: 450 Numbers	Yes / No / Explain		
5	Screened resistors equivalent to RNC55 for regular use	Value: 1.5KΩ, 10KΩ, 20KΩ, 100KΩ and 200KΩ (1000 Nos. each)	Yes / No / Explain		
6	Screened resistors equivalent to RNC60 for regular use	Value: 1KΩ, 2.21KΩ, 18.2KΩ, 20KΩ and 33.2KΩ (1000 Nos. each)	Yes / No / Explain		

Supporting Documents required from Vendor

1. Certificate of Conformance

2. Process Identification Document

3. Screening report

4. Qualification report

5. Proto model evaluation report

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Qualification and delivery of QM and FM devices: 24 weeks after the acceptance of P.O	Yes / No / Explain	
2	Qualification shall be initiated only after written approval of Proto model from VSSC.	Yes / No / Explain	
3	Delivery of Proto models after evaluation : 6 weeks from the date of acceptance of P.O	Yes / No / Explain	
4	To be supplied to AVN Stores	Yes / No / Explain	
5	Part Supply	Yes / No / Explain	
6	Security Deposit: Successful Tenderer shall submit Security Deposit equivalent to 3% of the order value valid for a period of 60 days beyond the date for completion of the Purchase Order shall be furnished. This security deposit is collected towards the performance of the Contract. The said Security Deposit shall be submitted either in the form of Bank Guarantee or Fixed Deposit receipts from Nationalised/Scheduled Banks.	Yes / No / Explain	
7	I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.	Yes / No / Explain	
8	P & F charges, if any, please mention percentage.	Yes / No / Explain	
9	Installation Charges, if any	Yes / No / Explain	
10	Freight charges, if any. If yes ,please mention the percentage	Yes / No / Explain	
11	PO ordering address in full with Contact Persons Name, E-mail id, Phone No. [also attach your Quotation in PDF format without prices details].	Yes / No / Explain	

12	Foreign vendors are not permitted to quote 1. Only Class -I and Class-II Local suppliers as per make in India policy are eligible to participate in the bid. 2. The percentage of local content should be specifically mentioned in the offer, without which will be summarily rejected 3. Preference will be given to class-I Local Supplier and in their absence, class-II Local supplier will be considered.	Yes / No / Explain	
13	Taxes and other costs, if any. [Please Specify the rates]. Note: All Tax invoices issued by suppliers/service providers on or after July 01, 2017 shall invariably bear their GST registration number (GSTIN) and the applicable GST rates. In the absence of which, the invoices shall not be processed for payment.	Yes / No / Explain	
14	VSSC is a Public Funded Research Institution under the administrative control of Department of Space and is eligible for partial exemption of IGST @ 5% against IGST EXEMPTION CERTIFICATE.	Yes / No / Explain	
15	Delivery Terms [Normal delivery terms - FOR Destination (for Indigenous cases) & FOB/ FCA or Ex-works (for Import cases).	Yes / No / Explain	
16	Delivery Period [Please Specify the period, LD Clause applicable]	Yes / No / Explain	
17	Payment [Within 30 days after receipt and acceptance for indigenous/ Sight Draft for import cases].	Yes / No / Explain	
18	Quote Validity: Minimum 180 days [for Two Part Tender] from the date of Tender opening. [Mandatory. Otherwise offer will not be considered for evaluation].	Yes / No / Explain	
19	Liquidated Damages @ 0.5% per week subject to maximum of 10% of order value is applicable beyond the promised delivery schedule.	Yes / No / Explain	

20	<p>This is a Two-Part Tender i.e. Part 1: Technical & Commercial, Part-2: Price Bid. Hence all technical & commercial details shall be furnished in the Techno-Commercial Bid while price shall be indicated only in the Price Bid.</p> <p>2. This being a Two Part Tender, Technical & Commercial part and Price Part separately, the tenderers should not attach any documents containing Pricing information along with Technical & Commercial Bid. We do not open Part - II (Price Bid), if Part I (Technical & Commercial Offer) does not meet with our technical specification requirements.</p> <p>3. Our Tender Enquiry contains technical requirements and specification. The detailed technical specification of your offer should be covered in the technical part. The Technical documents need to be attached online as single PDF file without any price information. Technical bid containing Price details will be treated as unresponsive offers and rejected.</p> <p>4. The prices are to be mentioned only in the price Bid form attached. The vendor have to compulsorily submit the compliance statement online otherwise their offer will not be considered for further evaluation. Before entering the compliance statement, vendors are advised to refer the detailed specification provided.</p> <p>5. The Technical Specification/ Drawing/ Product Catalogues/ Works Carried by vendor/ Make offered etc. as a single PDF file without any financial details has to be uploaded online mode by the vendor. This being TWO PART TENDER the PDF document uploaded should not contain any pricing details. If the attached PDF contains any pricing details the offer will be treated as unresponsive and will be summarily rejected</p>	Yes / No / Explain	
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21	<p>This tender is proposed as a DOMESTIC PUBLIC TENDER. This tender is restricted only to Class-I and Class-II Local Suppliers as defined under DPIIT Order dtd 04/06/2020- Preference to Make in India Order-2017 Revision. Non-Local Suppliers need not quote. Foreign OEMs/Agents quoting on behalf of Foreign OEMs are not permitted to quote. High Sea Sales Quotes not permitted. The bids shall be in INR only.</p> <p>Tenderers are advised NOT TO UPLOAD any documents revealing the price of the main equipment, accessories, spares or AMC. They are however, requested to upload UNPRICED BIDS (i.e. Price details masked) showing appropriate break-up of components of main equipment, individual accessories and spares as desired.</p> <p>This is a TWO-PART tender i.e. Techno-Commercial Bid (Part-I) and Price Bid (Part-II) shall be submitted separately. All technical and commercial terms and conditions shall be furnished in the Techno-Commercial Bid while price shall be indicated only in the Price Bid. Uploading price details anywhere else other than the price-bid shall lead to unconditional rejection of the tender. Please make note of the same.</p> <p>Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.</p> <p>The Class-I/Class-II Local suppliers, at the time of submitting their offer, shall also indicate percentage of local content and provide self-certification that the item (s) offered meets the local content requirement for Class-I/Class-II Local Suppliers as the case may be. They shall also give details of location (s) at which the local value addition is made.</p>	Yes / No / Explain	
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22	<p>In cases if the item(s) offered exceed Rs. 10 Crores, the Class-I/Class-II Local Suppliers shall provide a Certificate from the statutory auditor or cost auditor of the company (in case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.</p> <p>False Declarations will be in breach of the Code of Integrity under Rule 175 (1) (i) (h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.</p> <p>Technical Bids will be opened at the scheduled due date & time. No further intimation will be sent in this regard. The schedule for price bid opening shown is only indicative. Price bids will only be opened in the case of parties who have been techno-commercially accepted, the details of which will be communicated at a later stage.</p>	Yes / No / Explain	
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C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Resistor Protomodel development of resistors equivalent to RNC55 Value : 10Ω, 392KΩ and 1MΩ Wattage : 0.125W TCR : 25ppm/°C Tolerance : ±1% Voltage : 200V Quantity : 10 nos/each	30.00 Nos.		-		

2	RESISTOR Protomodel development of resistors equivalent to RNC60 Value : 10Ω, 499KΩ and 1MΩ Wattage : 30.00 Nos. 0.25W TCR : 25ppm/°C Tolerance : ±1% Voltage : 250V Quantity : 10 nos/each					
3	RESISTOR Qualification of resistors equivalent to RNC55 Value : 10Ω, 392KΩ and 1MΩ	450.00 Nos.				
4	RESISTOR Qualification of resistors equivalent to RNC60 Value : 10Ω, 499KΩ and 1MΩ	450.00 Nos.				
5	RESISTOR Screened resistors equivalent to RNC55 for regular use Value: 1.5KΩ, 10KΩ, 20KΩ, 100KΩ and 200KΩ (1000 Nos. each)	5000.00 Nos.				
6	RESISTOR Screened resistors equivalent to RNC60 for regular use Value : 1KΩ, 2.21KΩ, 18.2KΩ, 20KΩ and 33.2KΩ (1000 Nos. each)	5000.00 Nos.				

Common charges (Applicable for all items)

Customs Duty	
IGST	