

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

Tender for Benchtop Refrigerated Centrifuge

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100167801 dated 01-09-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100167801
Tender Date :	01-09-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Procurement of Benchtop Refrigerated Centrifuge

This Tender is for the procurement of Benchtop Refrigerated Centrifuge

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.

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.

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.

Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.

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.

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.

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. 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.

A.1 Tender Schedule

Bid Submission Start Date :	01-09-2021 17:00
Bid Clarification Due Date :	22-09-2021 14:00
Bid Submission Due Date :	14-10-2021 14:00
Bid Opening Date :	14-10-2021 14:01
Price Bid Opening Date :	28-10-2021 14:00

B. Tender Attachments

NA

Instructions To Vendors

1. Instructions to Vendors

1. This is an E Tender. Hence Postal/Fax/Email tenders will not be accepted.
2. Last minute clarification on tenders will not be entertained.
2. 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.
3. 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.
4. 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.
5. 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.
6. Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.
7. 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.
8. 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.

9. 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.

10. 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.

C. Bid Templates

C.1 Technical Bid - Benchtop Refrigerated Centrifuge

1. REFRIGERATED CENTRIFUGE MACHINE

Common Specifications (Applicable for all items)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Benchtop Refrigerated Centrifuge as per the following specification		-		
2	Centrifuge Capacity	500ml min.	Yes / No / Explain		
3	Rotor system	swing bucket /fixed angle. The centrifuge compatibility with swinging bucket, fixed angle and microplate rotor is essentially required.	Yes / No / Explain		
4	Size of rotor supplied with centrifuge in ml	6x 50 ml rotor with adapter for 15 ml tubes	Yes / No / Explain		
5	Speed Range of Centrifuge	14,000 RPM minimum	Yes / No / Explain		
6	Speed Range of Rotor	300-14000 RPM for fix angle rotors, 300- 4000 RPM for swing bucket rotors	Yes / No / Explain		
7	Maximum Rotational Centrifugal Force(RCF) of centrifuge	20,000 x g minimum	Yes / No / Explain		
8	Temperature Range	-10 to 40 degree Celcius	Yes / No / Explain		
9	Timer Range	1 minute to 99 hour	Yes / No / Explain		
10	Refrigeration system	CFC Free refrigeration system with pre-cooling function	Yes / No / Explain		

11	Noise level	Less than 60 dBA	Yes / No / Explain		
12	Standards and certifications	Should fulfill the requirements of IEC61010-1, 61010-2-020,61010-2-101 and EN 612326-1	Yes / No / Explain		
13	Safety features	1) Automatic rotor recognition with speed limitation 2) Auto lock rotor exchange system 3) Spin imbalance detection system 4) Continuous vibration measurement with rotor mass correction 5) Built in condensate drain to eliminate water accumulation 6) Centrifuge chamber should be brushed stainless steel 7) Acceleration and braking ramps for sensitive sample material	Yes / No / Explain		
14	Drive system	Direct, brushless induction drive	Yes / No / Explain		
15	Display	Should show Speed, Rotational centrifugal Force, Time and Temperature	Yes / No / Explain		
16	Power	230 volts 50/60 Hz	Yes / No / Explain		
17	Max.Power consumption	1700W	Yes / No / Explain		
18	Control	Program controlled operation with min.35 program memory	Yes / No / Explain		
19	Accessories	Adaptors for 15/50ml falcon tubes Accessories to support the trouble free operation of the centrifuge	Yes / No / Explain		
20	Warranty	The complete supply must be guaranteed for free repair/replacement for 24 months from the date of installation, commissioning and acceptance by VSSC	Yes / No / Explain		

Supporting Documents required from Vendor

1. Budgetary Quotation

2. Brochures/Catalogues of company with details

3. Unpriced Bid showing the split up of main equipment, accessories, essential spares as applicable

4. Detailed Techno commercial offer (without price details)

5. Unpriced AMC Quote in Split-up format for each year required.

6. Unpriced list of essential/ optional spares for 8-10 years maintenance.

7. Declaration regarding the percentage of local content (or value addition) in the item offered.

8. Detailed Compliance Matrix vis-a-vis the item specification in tenders.

9. Additional Documents from Vendor.

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Party should provide all utility requirements from VSSC for the complete installation and demonstration of the operation of the instrument	Yes / No / Explain	
2	All subsystems, accessories and optional accessories mentioned in the specification should be quoted separately	Yes / No / Explain	
3	Name and contact details (including phone and fax numbers, email addresses) of the recent users of the same model, shall be provided	Yes / No / Explain	
4	Full technical details in English (both hard and soft copies) should be provided supported by well-documented catalogues/leaflets of the version supplied.	Yes / No / Explain	
5	Full certifications (ISO and calibration/traceability certificate for any standards used for calibration) has to be provided	Yes / No / Explain	
6	Maintenance kit with all necessary tools has to be supplied free of cost	Yes / No / Explain	
7	AMC: 3 years' AMC from 3rd year onwards should be provided. The AMC cost needs to be included in the quotation. AMC should include calibration clause also (half yearly).	Yes / No / Explain	
8	Set of spare parts and consumables for two years of operation should be supplied.	Yes / No / Explain	
9	Installation, commissioning and on-site user training are to be provided by the party free of cost.	Yes / No / Explain	
10	Taxes and other costs, if any . [Note: VSSC is a Public Funded Research Institution under the administrative control of Department of Space and is eligible for partial exemption of IGST @5% vide Notfn No. 45/2017, 47/2017 dt 14.11.2017 respectively. Necessary IGST EXEMPTION CERTIFICATE shall be issued.]	Yes / No / Explain	

11	Security Deposit (Applicable if Offer Value is Rs. 5 Lakhs or above. MSME/NSIC Units are NOT EXEMPTED from the payment of SD. Bank Guarantee @ 3% of Order Value valid till 60 days from the date of supply to be submitted. Mandatory compliance required. Only Government Bodies/PSUs/PSEs can submit Indentity Bond in lieu of BG. In the event of non-performance of contractual obligations, SD will be forfeited).	Yes / No / Explain	
12	Delivery Terms.	Yes / No / Explain	
13	Delivery Period	Yes / No / Explain	
14	Liquidated Damages (Applicable beyond the delivery period mentioned in this tender @ 0.5% per week or part thereof on the undelivered portion subject to a maximum of 10% of the contract value. Mandatory compliance required).	Yes / No / Explain	
15	Warranty	Yes / No / Explain	
16	Performance Bank Guarantee (PBG) Bank Guarantee @ 3% of Order Value valid till the completion of warranty period plus 2 months claim period to be submitted. Mandatory compliance required. Only Government Bodies/PSUs/PSEs can submit Indemnity Bond in lieu of BG. In the event of non-performance of warranty obligations, PBG will be forfeited).	Yes / No / Explain	
17	Payment Term: (Our Defalut payment term: For indigenou orders: 100% within 30 days after receipt and acceptance of item at our site. For import cases: 100% by Sight Draft with Bank Charges to respective accounts. NOTE: CONSEQUENT TO COVID 19 PANDEMIC AND AS PER EXTANT GUIDELINES FROM DEPARTMENT OF SPACE, NO ADVANCE PAYMENT IS PAYABLE TO THIS TENDER).	Yes / No / Explain	

18	<p>Definitions: A supplier or service provider, whose goods, services or works offered for procurement, has local content:</p> <p>a) Equal to or more than 50% : Class-I local supplier.</p> <p>b) More than 20% but less than 50% : Class-II local supplier.</p> <p>c) Less than or equal to 20% : Non-local supplier.</p> <p>Mention your category.</p>	Yes / No / Explain	
19	<p>Local content means the amount of value added in India (i.e. indigenous items/services added in the offered products/services/works) be the total value of the item offered (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties/IGST) as a proportion of the total value (excluding net domestic indirect taxes), in percent. Indicate extent of Minimum Local Content in offered product/service and location of such value additions.</p>	Yes / No / Explain	
20	<p>The Class-I & II local supplier should provide a Self Certification along with your offer in PDF format indicating that the item offered meets the minimum local content as called for in the tender as mentioned above and provide the % of local content along with details of the location(s) at which the local value addition is made. In case of two part tenders, it is mandatory to indicate compliance to MLC (minimum local content) in technical bid itself. Confirm attachment of Self declaration along with the offer.</p>	Yes / No / Explain	
21	<p>PO Placement Address (with Name and Contact Details of sales person concerned).</p>	Yes / No / Explain	
22	<p>Any Other Terms</p>	Yes / No / Explain	
23	<p>Ensure that unpriced bid is uploaded. CONFIRM</p>	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	REFRIGERATED CENTRIFUGAL MACHINE	1.00 Nos.		-		

Common charges (Applicable for all items)

Annual Maintenance Contract Charges	
Optional Spares Cost (lumpsum)	
Any Other Charges	
Essential Spares Cost (lumpsum)	
Packing and Forwarding Charges	
Freight charge	
Installation & Commissioning Charges	