

भारत सरकार/GOVERNMENT OF INDIA
अंतरिक्ष विभाग/DEPARTMENT OF SPACE

क्रय यूनिट-III/PURCHASE UNIT-III

विक्रम साराभाई अंतरिक्ष केंद्र/VIKRAM SARABHAI SPACE CENTRE
तिरुवनंतपुरम/THIRUVANANTHAPURAM - 695 022

विज्ञा. सं. वीएसएससी/एसपीआरई-क्रय/ 9-2 दि. 02/09/2021

ADVT. NO. VSSC/SPRE-PUR/19-2 DT. 02/09/2021

भारत के राष्ट्रपति के लिए तथा उनकी ओर से वरिष्ठ प्रधान, क्रय एवं भंडार, विक्रम साराभाई अंतरिक्ष केंद्र (वीएसएससी), तिरुवनंतपुरम, निम्नलिखित के लिए ई-प्रापण के माध्यम से (क्रम सं. 1 के लिए) निविदाएं आमंत्रित करता है:-

For & on behalf of the President of India, the Sr. Head Purchase & Stores, Vikram Sarabhai Space Centre (VSSC), Thiruvananthapuram invites Tenders **through e-procurement (for Sl. No. 1 thru 3)** for the following :-

क्रम सं. Sl. No	निविदा सं. Tender No.	वर्णन / Description	मात्रा Qty.	निविदा शुल्क Tender Fee
1	VSSC/PURCHASE UNIT III (SPRE)/VS2021003165 [लोक निविदा - दो भाग/PUBLIC TENDER- TWO PART]	20 ली. तथा 50 ली. क्षमता के व्यापार संबंधी रोटारिवेपर की आपूर्ति, संस्थापना तथा कमीशनिंग Supply, installation and commissioning of Industrial Rotavapors 20L and 50L capacity	1 सं. No.	लागू नहीं / NA
2	VSSC/PURCHASE UNIT III (SPRE)/PCM/2021002276 [लोक निविदा - दो भाग/PUBLIC TENDER- TWO PART]	सिंटरन भट्टी की आपूर्ति, संस्थापना, कमीशनिंग तथा प्रदर्शन Supply, installation, commissioning and demonstration of Sintering Furnace	1 सं. No.	लागू नहीं / NA
3	VSSC/PURCHASE UNIT III (SPRE)/PCM/2021003454 [लोक निविदा - दो भाग/PUBLIC TENDER- TWO PART]	इलेक्ट्रोलाइट का प्रापण Procurement of Electrolyte	25 किलो/ Kg.	लागू नहीं / NA
4	VSSC/PURCHASE UNIT III (SPRE)/VS2021002854 [लोक निविदा - दो भाग/PUBLIC TENDER- TWO PART]	प्रदर्शन के साथ डिजिटल हैंडहेल्ड जूमस्कोप का प्रापण Procurement of Digital Handheld Zoomscope with display	1 सं. No.	लागू नहीं / NA

5	VSSC/PURCHASE UNIT III (SPRE)/VS2021003264 [लोक निविदा - दो भाग/PUBLIC TENDER- TWO PART]	उच्च परिशुद्धता स्वचालित गैस प्रसार पिकनोमीटर की आपूर्ति, संस्थापना, कमीशनिंग, प्रदर्शन तथा परीक्षण। Supply, Installation, Commissioning, Demonstration & Testing of High precision automated gas expansion Pycnometer	1 दल. Set.	लागू नहीं / NA
6	VSSC/PURCHASE UNIT III (SPRE)/VS2021001678 [लोक निविदा - दो भाग/PUBLIC TENDER- TWO PART]	बेंचटॉप प्रशीतित अपकेंद्रित्र की आपूर्ति, संस्थापना व कमीशनिंग Supply, Installation and Commissioning of Benchtop Refrigerated Centrifuge	1 सं. No.	लागू नहीं / NA

विशेष टिप्पणी/Special Note:-

विदेशी विक्रेताओं को निविदा प्रस्तुत करने की अनुमति नहीं है। मेक इन इंडिया नीति के अनुसार केवल श्रेणी-I और श्रेणी-II के स्थानीय आपूर्तिकार इस बोली में भाग लेने हेतु पात्र हैं। विदेशी ओईएम से सीधे प्राप्त उद्धरणों या विदेशी ओईएमओं की ओर से उद्धरण प्रस्तुत कर रहे एजेंटों को इस निविदा में भाग लेने की अनुमति नहीं है।

Foreign vendors are not permitted to quote. Only Class-I and Class-II Local suppliers as per Make in India Policy are eligible to participate in the bid. Quotations directly from foreign OEM/ or from agents quoting on behalf of foreign OEMs are not allowed to participate in this tender.

क्रम सं. Sl. No.	बोली प्रस्तुत करने की समय-सीमा Time limit for submission of Bid	बोली खोलने की तिथि Bid Opening date
01.	दिनांक 28.09.2021 [14:00 बजे] Upto 28.09.2021 [14:00 Hrs.]	दिनांक 28.09.2021 [14:01 बजे] 28.09.2021 [14:01 Hrs.]
02.	दिनांक 30.09.2021 [14:00 बजे] Upto 30.09.2021 [14:00 Hrs.]	दिनांक 30.09.2021 [14:01 बजे] 30.09.2021 [14:01 Hrs.]
03.	दिनांक 30.09.2021 [14:00 बजे] Upto 30.09.2021 [14:00 Hrs.]	दिनांक 30.09.2021 [14:01 बजे] 30.09.2021 [14:01 Hrs.]
04.	दिनांक 04.10.2021 [14:00 बजे] Upto 04.10.2021 [14:00 Hrs.]	दिनांक 04.10.2021 [14:01 बजे] 04.10.2021 [14:01 Hrs.]
05.	दिनांक 12.10.2021 [14:00 बजे] Upto 12.10.2021 [14:00 Hrs.]	दिनांक 12.10.2021 [14:01 बजे] 12.10.2021 [14:01 Hrs.]
06.	दिनांक 14.10.2021 [14:00 बजे] Upto 14.10.2021 [14:00 Hrs.]	दिनांक 14.10.2021 [14:01 बजे] 14.10.2021 [14:01 Hrs.]

क्रम सं. 01 से 03 के लिए, ब्यौरे इसरो ई-प्रापण पोर्टल <https://eproc.vssc.gov.in> पर उपलब्ध हैं।
For Sl. No. 01 to 06., details are available on ISRO e-procurement portal
<https://eproc.vssc.gov.in>.

शुद्धिपत्र, यदि कोई हो तो, हमारे वेबसाइट www.vssc.gov.in / www.isro.gov.in में मात्र प्रकाशित किया जाएगा।

Corrigendum, if any will be published in our websites : www.vssc.gov.in / www.isro.gov.in only.

हस्ताक्षरित/Sd/-

वरि. प्रधान, क्रय एवं भंडार / Sr. Head, Purchase & Stores

E-Tenders are invited for the above mentioned procurements through our E-procurement site <https://eproc.vssc.gov.in>. Bids can be submitted before the due dates mentioned.

Only online tenders will be accepted. No manual / Postal / e-mail / fax offers will be entertained. No manual tender document will be issued. Parties interested to participate in this e-Tender are required to register themselves as vendors, if not already registered, in our e-procurement portal <https://eproc.vssc.gov.in> by downloading plugins and help demos listed on the home page of the e-procurement link mentioned above to complete the vendor registration process. They can seek help from help desk 0471-2565454 also as provided in the home page of e-procurement portal in case of any problem for registration and subsequent process. Vendors may please note that without registering in our e-procurement portal, they will not be able to quote for this e-tender.

Important Notice: Tender will be automatically closed on the due date if at least one offer is received. If the tender could not be opened on the first day due to any technical snag, it will be opened on the subsequent day as per the schedule.

This being a Two Part Tender, Cost shall be mentioned in the Price Bid Only. All the documents being uploaded like quote split up details, AMC cost etc should not contain the rates/costs. However, a copy of your PRICE BID, AMC quote etc WITHOUT PRICE SHALL BE UPLOADED in the Documents Solicited from the Vendor Field [available in Bid forms] TO KNOW THE PATTERN OF QUOTE. [ENSURE NOT TO MENTION ANY PRICE, OTHERWISE THE QUOTE WILL BE INVALID].

THE TECHNICAL DOCUMENTS NEED TO BE ATTACHED ONLINE AS A SINGLE PDF FILE WITHOUT ANY PRICE INFORMATION, TECHNICAL BID CONTAINING PRICE DETAILS WILL BE TREATED AS REJECTED.

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

Tender for Industrial rotavapors 20L and 50L capacity

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100316501 dated 25-08-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100316501
Tender Date :	25-08-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Procurement of Industrial rotavapors 20L and 50L capacity

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 : **25-08-2021 12:00**

Bid Clarification Due Date : **21-09-2021 17:00**

Bid Submission Due Date : **28-09-2021 14:00**

Bid Opening Date : **28-09-2021 14:01**

Price Bid Opening Date : **12-10-2021 14:00**

B. Tender Attachments

Technical Write-up/Drawings

[Document : Specification 50L](#)

[Document : Specification](#)

Instructions To Vendors

3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.
9. 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.

10. 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.

11. 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.

12. 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 - Industrial rotavapors 20L and 50L capacity

1. Distillation Apparatus 50 liter capacity

Item specifications for Distillation Apparatus

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	ITEM	INDUSTRIAL ROTAVAPOR (50 Liter Capacity)	Yes / No / Explain		
2	Heating Bath	Electric Heating,	Yes / No / Explain		
3	Heating capacity:	3-4kW, Single phase, voltage: 220-240V, 50-60Hz	Yes / No / Explain		
4	Temp. control:	digital	Yes / No / Explain		
5	Should be suitable	for both water and Oil.	Yes / No / Explain		
6	Temp range	20°C-180°C	Yes / No / Explain		
7	provision for auto cut off if temperature shoots up above set temperature	Should be available	Yes / No / Explain		
8	Flask details	Evaporation Flask capacity 50L spherical, 1 No. Borosilicate	Yes / No / Explain		
9	Receiver Flask capacity-	20L spherical borosilicate, 1 No. with provision for bottom draining	Yes / No / Explain		
10	Rotation Speed	Up to 120 r.p.m	Yes / No / Explain		
11	Condenser	Ascending condenser type with 1.5-2.0 m ² surface area	Yes / No / Explain		
12	Power supply:	400-440V ,3phase,50-60HZ	Yes / No / Explain		

13	Control Panel	Should include temperature indicator, vapor temperature indicator temperature controller & Evaporation flask Speed controller.	Yes / No / Explain		
14	Support frame	SS 304 make	Yes / No / Explain		
15	Lifting mechanism	Mechanical Lift	Yes / No / Explain		
16	RECIRCULATING COOLER/CHILLER, Temperature range (°C)	5°C to + 25 °C	Yes / No / Explain		
17	RECIRCULATING COOLER/CHILLER, Setting / RECIRCULATING COOLER/CHILLER, display resolution	0.2 ±0.1 °C	Yes / No / Explain		
18	Cooling capacity	5000W at 20°C and 3600W at 10 °C	Yes / No / Explain		
19	Temperature Display	Digital, touch key display for set temperature and actual temperature	Yes / No / Explain		
20	Filling volume liters	5-10 L	Yes / No / Explain		
21	Refrigerant	CFC free	Yes / No / Explain		
22	Digital interface	Should be provided	Yes / No / Explain		
23	Voltage	220-230V, 1phase, 50-60HZ	Yes / No / Explain		

2. Distillation Apparatus 20Liter capacity

Item specifications for Distillation Apparatus

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	ITEM	Industrial Rotavapor-20Liter Capacity	Yes / No / Explain		
2	Heating Bath	Electric Heating	Yes / No / Explain		

3	Volume of heating bath	25 ± 5 L	Yes / No / Explain		
4	Heating capacity:	3-4 kw	Yes / No / Explain		
5	Should be suitable for	both water and Oil.	Yes / No / Explain		
6	Temp. control	: digital	Yes / No / Explain		
7	Temp range	20°C-180°C	Yes / No / Explain		
8	Temp. Accuracy	+/- 2 deg C	Yes / No / Explain		
9	provision for auto cut off if temperature shoots above the set temperature	Should be provided	Yes / No / Explain		
10	Flask details	Evaporation Flask capacity 20L spherical, 1 No.	Yes / No / Explain		
11	Receiver Flask capacity-	10L spherical, 1 No. with provision for bottom draining	Yes / No / Explain		
12	Glass	Borosilicate grade 3.3	Yes / No / Explain		
13	The evaporation flask coupling should be	snap flange coupling for comfortable use.	Yes / No / Explain		
14	Valves of glass assembly should be spring driven and provision for preventing glass breakage due to overturning	should be provided.	Yes / No / Explain		
15	Suction mechanism for removing sample from evaporating flask without the need for detaching the flask	should be provided.	Yes / No / Explain		
16	Condenser	Ascending condenser type with 1.0-2.0 m ² surface area	Yes / No / Explain		
17	Electronically controlled rotational speed	Upto 150 rpm	Yes / No / Explain		
18	Power supply:	400-440V ,3phase,50-60HZ	Yes / No / Explain		

19	Control Panel	Should include temperature indicator, Vacuum pressure, coolant temperature and vapor temperature, rotation speed, bath temp, build in timer.	Yes / No / Explain		
20	Emergency stop button automatically lowers bath, stops rotation, breaks vacuum and turns off the Bath heaters	should be provided.	Yes / No / Explain		
21	Support frame	SS 304 with powder coated epoxy	Yes / No / Explain		
22	Lifting mechanism	Automatic	Yes / No / Explain		
23	Shut-off valve, feed valve, drain valve and aeration valve	Should be provided	Yes / No / Explain		
24	Provision for exporting all process parameters and set values to a PC	should be provided.	Yes / No / Explain		
25	Industrial vacuum pump	Oil free, single stroke speed control vacuum pump with Soundproofing with enclosed housing which minimizes noise and vibrations	Yes / No / Explain		
26	Industrial vacuum pump design	Should be Compact design with integrated carrying handle	Yes / No / Explain		
27	vacuum pump	Should have Chemically resistant PTFE diaphragm pumps.	Yes / No / Explain		
28	Capacity of vacuum pump	3± 0.2 m3/ h	Yes / No / Explain		
29	Industrial vacuum pump, Ultimate Vacuum (absolute)	2 mbar	Yes / No / Explain		
30	Industrial vacuum pump, Vacuum connection	GL 14	Yes / No / Explain		
31	Industrial vacuum pump, Supply voltage	100-240 V/50-60 Hz	Yes / No / Explain		
32	Industrial vacuum pump, Motor	Brushless DC motor	Yes / No / Explain		

33	Industrial vacuum pump, Revolution speed	Max. 1600 rpm	Yes / No / Explain		
34	Industrial vacuum pump, Sound level	40-60 dB (A)	Yes / No / Explain		
35	Industrial vacuum pump, Materials in contact with medium	PEEK, PTFE, glass, FEP	Yes / No / Explain		
36	RECIRCULATING COOLER/CHILLER, ECIRCULATING COOLER/CHILLER, Temperature range (°C)	-10°C to + 25 °C	Yes / No / Explain		
37	RECIRCULATING COOLER/CHILLER, Setting / display resolution	0.2 ±0.1 °C	Yes / No / Explain		
38	RECIRCULATING COOLER/CHILLER, Cooling capacity	600W at -20°C and 3000W at 20°C	Yes / No / Explain		
39	RECIRCULATING COOLER/CHILLER, Temperature Display	Digital, touch key display for set temperature and actual temperature	Yes / No / Explain		
40	RECIRCULATING COOLER/CHILLER, Filling volume liters	5-10 L	Yes / No / Explain		
41	RECIRCULATING COOLER/CHILLER, Refrigerant	CFC free	Yes / No / Explain		
42	RECIRCULATING COOLER/CHILLER, Digital interface	Should be provided	Yes / No / Explain		
43	RECIRCULATING COOLER/CHILLER, Voltage	230V , 1phase, 50-60HZ	Yes / No / Explain		
44	Chiller should be	compact, and able to mobile on wheels with a space-saving design	Yes / No / Explain		

Supporting Documents required from Vendor

1. Brochures/Catalogues of company with details

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

3. Detailed Techno commercial offer(without price details)

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

5. Unpriced list of essential/ optional spares for 3 years maintenance.

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

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

8. 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	Installation, commissioning and on-site user training are to be provided by the party free of cost.	Yes / No / Explain	
2	Recommended set of spare parts and consumables for two years of operation should be supplied. (please provide a complete list of spare parts with item-wise price).	Yes / No / Explain	
3	Guarantee/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	
4	3 years' AMC from 3rd year onwards should be provided. The AMC cost needs to be included in the quotation.	Yes / No / Explain	
5	During guarantee period, spares taken from our stock, if any, should be replaced by the party free of cost	Yes / No / Explain	
6	All corrosive components should be painted with anticorrosive paint.	Yes / No / Explain	
7	Party should provide all accessories and tools required for the complete installation of the machine.	Yes / No / Explain	
8	Party should provide all utility requirements from VSSC for the complete installation and demonstration of the operation of the instrument	Yes / No / Explain	
9	Party should be ready to accommodate any minor modifications, if required.	Yes / No / Explain	
10	Pre-delivery inspection should be arranged	Yes / No / Explain	
11	Party has to give a compliance matrix along with the offer. Otherwise, the offer will not be accepted.	Yes / No / Explain	
12	Name and contact details (including phone and fax numbers, email addresses) of the users of the instrument, both in India and abroad, should be provided.	Yes / No / Explain	
13	Full certifications (including ISO, calibration certificate and traceability certificate for any standards used for calibration) should be provided for all the items.	Yes / No / Explain	

14	All subsystems, accessories and optional accessories mentioned in the specification should be quoted separately.	Yes / No / Explain	
15	Technical bid and price bid should be sent separately in sealed envelopes. Price bid should be sent strictly as hard copy only. Price bid should not be sent as email or email attachment.	Yes / No / Explain	
16	A computer with the latest Pentium processor and latest version of Windows based operating system the time of supply should be provided along with a colour laser printer.	Yes / No / Explain	
17	The computer should facilitate the control of the instrument and accessories through the supplied software.	Yes / No / Explain	
18	The cost of the PC and related peripherals can be quoted separately. Party should take the responsibility of the service of the computer and printer.	Yes / No / Explain	
19	The cost of the PC and related peripherals can be quoted separately. Party should take the responsibility of the service of the computer and printer.	Yes / No / Explain	
20	All necessary safety interlocks and earthing should be provided for operator's safety	Yes / No / Explain	
21	Detailed description of the control system is to be provided.	Yes / No / Explain	
22	Operation/maintenance manual, troubleshooting flowchart, detailed wiring diagrams/circuit, and maintenance tool kits are to be provided.	Yes / No / Explain	
23	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	

24	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.	Yes / No / Explain	
25	PO Ordering Address with Name and Contact Details of Sales Person concerned (e-mail and phone number).	Yes / No / Explain	
26	Any Other Terms	Yes / No / Explain	
27	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	
28	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 Indemnity Bond in lieu of BG. In the event of non-performance of contractual obligations, SD will be forfeited).	Yes / No / Explain	
29	Delivery Terms.	Yes / No / Explain	
30	Delivery Period	Yes / No / Explain	
31	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	

32	Warranty (Minimum of 24 months)	Yes / No / Explain	
33	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	
34	Payment Term: (Our Default payment term: For indigenous 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	
35	Definitions: A supplier or service provider, whose goods, services or works offered for procurement, has local content: a) Equal to or more than 50% : Class-I local supplier. b) More than 20% but less than 50% : Class-II local supplier. c) Less than or equal to 20% : Non-local supplier. Mention your category.	Yes / No / Explain	
36	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.	Yes / No / Explain	
37	Validity	Yes / No / Explain	

38	Acceptance to provide Non-Comprehensive AMC for a period of 3 years after the completion of warranty period. AMC cost shall only be mentioned in the specific slot in price bid.	Yes / No / Explain	
39	List of essential spares for the trouble free operation of the equipment to be uploaded (without price details). Details of optional spares may also be provided (without price details).	Yes / No / Explain	
40	Kindly ensure that NO DOCUMENTS WITH PRICE DETAILS ARE UPLOADED. Price shall only be mentioned in the price bid. Uploaded documents with price details shall summarily be rejected.	Yes / No / Explain	
41	Ensure you are a Class-I Local Supplier/ Class-II Local Supplier. The offer shall be in INR only. Bids from foreign OEMs and offer on High Sea Sales basis are not allowed. Please mention the category of the bidder.	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Distillation Apparatus 50 liter capacity	1.00 Nos.		-		
2	Distillation Apparatus 20Liter capacity	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	
---	--

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

Tender for Sintering Furnace

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100227601 dated 30-08-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100227601
Tender Date :	30-08-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Supply, installation, commissioning and demonstration of Sintering Furnace

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 : **30-08-2021 14:02**

Bid Clarification Due Date : **16-09-2021 17:00**

Bid Submission Due Date : **30-09-2021 14:00**

Bid Opening Date : **30-09-2021 14:01**

Price Bid Opening Date : **12-10-2021 14:00**

B. Tender Attachments

Technical Write-up/Drawings

Document : Technical Specifications

Instructions To Vendors

2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.
8. 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.

9. 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.

10. 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.

11. 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 - Sintering Furnace

1. SPARES FOR VACUUM SINTERING FURNACE

Sintering Furnace

Item specifications for SPARES FOR VACUUM SINTERING FURNACE

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Configuration	Front loading, horizontally mounted double walled water cooled	Yes / No / Explain		
2	Effective hot zone (This is the size of the job to be heated with uniform temperature)	200mm Width x 200mm Height x 300mm Depth (minimum)	Yes / No / Explain		
3	Heating Element & Heat insulation	High density Graphite & Graphite felt	Yes / No / Explain		
4	Operating Temperature	1650 deg C	Yes / No / Explain		
5	Maximum temperature	1700 deg C	Yes / No / Explain		
6	Soaking time at 1650 °C	10 Hrs	Yes / No / Explain		
7	Temperature control	Programmable PID controller and Thyristor power controller	Yes / No / Explain		
8	Heating Rate	1 to 5°C/minute	Yes / No / Explain		
9	Operation atmosphere	Furnace should be designed to operate in controlled atmosphere under argon gas pressure up to 200mbar (g) after evacuation of 0.1mbar.	Yes / No / Explain		
10	Vacuum level	0.1 mbar or better	Yes / No / Explain		
11	Power Supply	415±15 V 50 Hz 3 phase AC supply	Yes / No / Explain		

Common Specifications (Applicable for all items)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Detailed specification	Attached	Yes / No / Explain		

Supporting Documents required from Vendor

1. Detailed list of documents are enlisted in the technical specification document
2. Any software developed/ procured for operation of the equipment should be supplied to VSSC in installable CD with license and source code.
3. Certificate of calibration of all indicating and control instruments, thermocouples should be provided from calibrating agencies those have traceability to national standards.
4. Brochures/Catalogues of company with details
5. Unpriced Bid showing the split up of main equipment, accessories, essential spares as applicable
6. Detailed Techno commercial offer(without price details)
7. Unpriced AMC Quote in Split-up format for each year required.
8. Unpriced list of essential/ optional spares for 5 years maintenance.
9. Declaration regarding the percentage of local content (or value addition) in the item offered.
10. Detailed Compliance Matrix vis-a-vis the item specification in tenders.
11. 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	Detailed terms and conditions are enlisted in the technical specification	Yes / No / Explain	
2	The party should supply, install, commission and demonstrate the performance of furnace at VSSC, Trivandrum. During installation & commissioning at VSSC, the party has to bear all the costs related to the personnel.	Yes / No / Explain	
3	The performance of the equipment should be warranted for a period of minimum two years from the date of acceptance. Any spares required during the warranty period should be supplied free of cost.	Yes / No / Explain	
4	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.	Yes / No / Explain	
5	PO Ordering Address with Name and Contact Details of Sales Person concerned (e-mail and phone number).	Yes / No / Explain	
6	Any Other Terms	Yes / No / Explain	
7	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	

8	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 Indemnity Bond in lieu of BG. In the event of non-performance of contractual obligations, SD will be forfeited).	Yes / No / Explain	
9	Delivery Terms.	Yes / No / Explain	
10	Delivery Period	Yes / No / Explain	
11	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	
12	Warranty	Yes / No / Explain	
13	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	
14	Payment Term: (Our Default payment term: For indigenous 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	

15	<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	
16	<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	
17	Validity	Yes / No / Explain	
18	<p>Acceptance to provide Non-Comprehensive AMC for a period of 5 years after the completion of warranty period. AMC cost shall only be mentioned in the specific slot in price bid.</p>	Yes / No / Explain	
19	<p>List of essential spares for the trouble free operation of the equipment to be uploaded (without price details). Details of optional spares may also be provided (without price details).</p>	Yes / No / Explain	
20	<p>Kindly ensure that NO DOCUMENTS WITH PRICE DETAILS ARE UPLOADED. Price shall only be mentioned in the price bid. Uploaded documents with price details shall summarily be rejected.</p>	Yes / No / Explain	
21	<p>Ensure you are a Class-I Local Supplier/ Class-II Local Supplier. The offer shall be in INR only. Bids from foreign OEMs and offer on High Sea Sales basis are not allowed. Please mention the category of the bidder.</p>	Yes / No / Explain	
22	<p>This order will be the supply, installation, commissioning and demonstration of Sintering Furnace . Kindly confirm</p>	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	SPARES FOR VACUUM SINTERING FURNACE Sintering Furnce	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	

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

Tender for Electrolyte

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100345401 dated 31-08-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100345401
Tender Date :	31-08-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Procurement of Electrolyte

This Tender is for the procurement of Electrolyte

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 09:00**

Bid Clarification Due Date : **15-09-2021 10:00**

Bid Submission Due Date : **30-09-2021 14:00**

Bid Opening Date : **30-09-2021 14:01**

Price Bid Opening Date : **12-10-2021 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 - Electrolyte

1. BATTERY MATERIALS

Electrolyte (1 M LiPF₆ in EC:PC:DMC (1:1:3, v/v %)+ VC (2 wt%), EC=Ethylene Carbonate, PC: Propylene Carbonate, DMC=Dimethyl Carbonate, VC=Vinylene Carbonate

Common Specifications (Applicable for all items)

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Electrolyte Composition	1M LiPF ₆ in EC:PC:DMC (1:1:3, v/v%.) + VC (2 wt.%)	Yes / No / Explain		
2	Moisture	<20 ppm	Yes / No / Explain		
3	Hydrofluoric acid	<50 ppm	Yes / No / Explain		
4	Packing	1 kg	Yes / No / Explain		

Supporting Documents required from Vendor

1. Party has to supply 200 g of sample electrolyte for analysis at our end without which the offer will not be accepted
2. Party has to provide certificate of analysis at the time of supply
3. Brochures/Catalogues of company with details
4. Detailed Techno commercial offer (without price details)
5. Declaration regarding the percentage of local content (or value addition) in the item offered.
6. Detailed Compliance Matrix vis-a-vis the item specification in tenders.
7. 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	The electrolyte should be properly packed to avoid moisture ingress	Yes / No / Explain	
2	The electrolyte should be properly packed to avoid moisture ingress	Yes / No / Explain	
3	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	
4	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	
5	Delivery Terms.	Yes / No / Explain	
6	Delivery Period	Yes / No / Explain	
7	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	

8	Payment Term: (Our Defalut payment term: For indigenous 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	
9	Definitions: A supplier or service provider, whose goods, services or works offered for procurement, has local content: a)Equal to or more than 50% : Class-I local supplier. b)More than 20% but less than 50% : Class-II local supplier. c)Less than or equal to 20% : Non-local supplier. Mention your category.	Yes / No / Explain	
10	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.	Yes / No / Explain	
11	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.	Yes / No / Explain	
12	PO Placement Address (with Name and Contact Details of sales person concerned).	Yes / No / Explain	
13	Any Other Terms	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	BATTERY MATERIALS Electrolyte (1 M LiPF ₆ in EC:PC:DMC (1:1:3, v/v %)+ VC (2 wt%), EC=Ethylene Carbonate, PC: Propylene Carbonate, DMC=Dimethyl Carbonate, VC=Vinylene Carbonate	25.00 KG		-		

Common charges (Applicable for all items)

P&F Charges	
Freight charge	
Documentation & Handling charges	
Other Charges (If any)	

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

Tender for Digital handheld Zoomscope with display

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100285401 dated 01-09-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100285401
Tender Date :	01-09-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Procurement of Digital handheld Zoomscope with display

This Tender is for the procurement of Digital handheld Zoomscope with display

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 16:00**

Bid Clarification Due Date : **14-09-2021 12:00**

Bid Submission Due Date : **04-10-2021 14:00**

Bid Opening Date : **04-10-2021 14:01**

Price Bid Opening Date : **19-10-2021 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 - Digital handheld Zoomscope with display

1. Digital handheld zoomscope with display(NIL)

Item specifications for Digital handheld zoomscope with display

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Interface	-It should have compatibility with laptop/desktop using USB 2.0	Yes / No / Explain		
2	Installation Software	-It should be supplied with necessary installation software compatible with standard PC/Laptop	Yes / No / Explain		
3	Operating system support	-It should support operating system of Windows 10,8,7,vista,XP Mac OS10.4 or later	Yes / No / Explain		
4	Calibration and measurement-	The item should have calibration and measurement function for image	Yes / No / Explain		
5	Image resolution	-The item should have Image resolution of 5M pixels (2592x1944)	Yes / No / Explain		
6	Image magnification	-It should have capability of image magnification from 10X to 140X	Yes / No / Explain		
7	Polarizer	-It should be built in adjustable polarizer allow to freely remove the unwanted reflection or glare from the object surface for a better contrast.	Yes / No / Explain		
8	Image frame rate	-10fps in 5MP/3MP/2MP,MJP EG 25fps in 1.3MP,MJPEG 30fps in VGA,MJPEG	Yes / No / Explain		

9	Flexible LED control	-Flexible LED control should be one with software. Flexible LED control maximizes flexibility by offering independent on/off control to the four LED quadrants in addition to the 6 levels intensity adjustment capability.	Yes / No / Explain		
10	Zoomscope lighting	-It should have lighting provision of 8 white LED	Yes / No / Explain		
11	Micro touch	-Shall be available	Yes / No / Explain		
12	Housing	-It should have metal housing made of aluminum alloy for protection and endurance	Yes / No / Explain		
13	Scroll lock	-It should have scroll lock to ensure the focus knob stay at the desired focus of magnification position avoiding unintentional movement	Yes / No / Explain		
14	Interchangeable	-It should have interchangeable caps to provide adaptability of numerous applications with alternative lighting or object interface, such as but not limited to diffuse light, ring-light and coaxial light	Yes / No / Explain		
15	Size and weight	-The item should be compact and light weight. It should be hand held for easy movement and portable.	Yes / No / Explain		
16	Stand and display	-Vertical metal stand along with display shall be provided	Yes / No / Explain		

Document : Specifications

Supporting Documents required from Vendor

1. Certificate of Authorization

2. Compliance statement

3. General conditions

4. Technical specifications

5. Quotation

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

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

8. 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	Warranty: One year (min.)	Yes / No / Explain	
2	Quotation should consist of detail specifications of the item, standard and optional accessories.	Yes / No / Explain	
3	Party shall produce certificate of authorization from the principals.	Yes / No / Explain	
4	Since we are working on time bound programs party should clearly stick on the supply schedule.	Yes / No / Explain	
5	Enclose the construction details with the support of well documented catalogues/leaflets.	Yes / No / Explain	
6	Party should enclose a compliance/deviation statement without omitting any of the listed specification.	Yes / No / Explain	
7	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	
8	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 Indemnity Bond in lieu of BG. In the event of non-performance of contractual obligations, SD will be forfeited).	Yes / No / Explain	
9	Delivery Terms.	Yes / No / Explain	
10	Delivery Period	Yes / No / Explain	

11	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	
12	Warranty	Yes / No / Explain	
13	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	
14	Payment Term: (Our Default payment term: For indigenous 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	
15	Definitions: A supplier or service provider, whose goods, services or works offered for procurement, has local content: a) Equal to or more than 50% : Class-I local supplier. b) More than 20% but less than 50% : Class-II local supplier. c) Less than or equal to 20% : Non-local supplier. Mention your category.	Yes / No / Explain	
16	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.	Yes / No / Explain	

17	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.	Yes / No / Explain	
18	PO Placement Address (with Name and Contact Details of sales person concerned).	Yes / No / Explain	
19	Any Other Terms	Yes / No / Explain	
20	No any documents are uploaded revealing the price details. CONFIRM	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Digital handheld zoomscope with display(NIL)	1.00 Nos.		-		

Common charges (Applicable for all items)

P&F Charges	
Freight charge	
Documentation & Hadnling charges	
Other Charges (If any)	

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

**Tender for High precision automated gas expansion pycnometer for
measurement of density/specific gravity of powders and compressible
materials**

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100326401 dated 31-08-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100326401
Tender Date :	31-08-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

High Precision Automated Gas Expansion Pycnometer

This Tender is for the procurement of High precision automated gas expansion pycnometer for measurement of density/specific gravity of powders and compressible materials

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 : **31-08-2021 17:00**

Bid Clarification Due Date : **22-09-2021 14:00**

Bid Submission Due Date : **12-10-2021 14:00**

Bid Opening Date : **12-10-2021 14:01**

Price Bid Opening Date : **28-10-2021 14:01**

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.

11. PROFORMA FOR INSTRUCTIONS TO TENDERERS AND TERMS & CONDITIONS OF TENDER where the indent value is Rs. 2.00 lakhs & above for indigenous stores items

1. Preference will be given to those tenders offering supplies from ready stocks and on the basis of FOR destination/delivery at site.

2. REJECTED STORES:

Rejected stores will remain at destination at the Contractor's risk and responsibility. If instructions for their disposal are not received from the Contractor within a period of 14 days from the date of receipt of the advice of rejection, the purchaser or his representative has, at his discretion, the right to scrap or sell or consign the rejected stores to Contractor's address at the Contractor's entire risk and expense, freight being payable by the Contractor at actuals.

3. The term 'Stores' shall mean what the Contractor agrees to supply under the Contract as specified in the Purchase Order including erection of plants & machinery and subsequent testing, should such a condition is included in the Purchase Order.

4. SECURITY DEPOSIT: Wherever, the Purchase Order value is Rs. 5.00 Lakhs or more, on acceptance of the tender, the Contractor shall, at the option of the Purchaser and within the period specified by him, deposit with him, in cash or in any other form as the Purchaser may determine, security deposit not exceeding ten percent of the value of the Contract as the Purchaser shall specify. If the Contractor is called upon by the Purchaser to deposit, 'Security' and the Contractor fails to provide the security within the period specified, such failure shall constitute a breach of the Contract, and the Purchaser shall be entitled to make other arrangements for the re-purchase of the stores Contracted at the risk of the Contractor in terms of Sub-Clause (ii) and (iii) of clause regarding Delivery. (b) hereof and/or to recover from the Contractor, damages arising from such cancellation.

5. Sales Tax and/or other duties/levies legally leviable and intended to be claimed should be mentioned in the price bid template. If nothing is mentioned, then it will be presumed that the rate

quoted is inclusive of all taxes/duties.

6. TERMS & CONDITIONS OF TENDER

7. TEST CERTIFICATE: Wherever required, test certificates should be sent along with the despatch documents.

8. The Purchaser reserves the right to place order on the successful tenderer for additional quantity up to 25% of the quantity offered by them at the rates quoted.

9. The authority of the person signing the tender, if called for, should be produced.

10. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portions of the quantity offered and the tenderers shall supply the same at the rates quoted.

11. (a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

(b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of nonacceptance of tender, the tenderer will have to remove the samples at his own expense.

(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.
(d)

Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Test Certificates, wherever necessary, should be forwarded along with supplies. Wherever options have been called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

12. The tenderer should supply along with his tender, the name of his bankers as well as the latest Income-Tax clearance certificate duly countersigned by the Income-Tax Officer of the Circle concerned under the seal of his office, if required by the Purchaser.

13. The term Contractor shall mean, the person, firm or company with whom or with which the order for the supply of Stores is placed and shall be deemed to include the Contractor's successors, representative, heirs, executors and administrators unless excluded by the Contract.

14. The term Purchaser shall mean the President of India or his successors or assigns.

15. (a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

(b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of nonacceptance of tender, the tenderer will have to remove the samples at his own expense.

(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

(d) Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Test Certificates, wherever necessary, should be forwarded along with supplies. Wherever options have been called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

16. ACCEPTANCE OF STORES:

(a) The stores shall be tendered by the Contractor for inspection at such places as may be specified by the purchaser at the Contractor's own risk, expense and cost.

(b) It is expressly agreed that the acceptance of the stores Contracted for, is subject to final approval by the purchaser, whose decision shall be final.

(c) If, in the opinion of the purchaser, all or any of the stores do not meet the performance or quality requirements specified in the Purchase Order, they may be either rejected or accepted at a price to be fixed by the purchaser and his decision as to rejection and the prices to be fixed shall be final and binding on the Contractor.

(d) If the whole or any part of the stores supplied are rejected in accordance with Clause No. (c) above, the purchaser shall be at liberty, with or without notice to the Contractor, to purchase in the open market at the expense of the Contractor stores meeting the necessary performance and quality Contracted for in place of those rejected, provided that either the purchase, or the agreement to purchase, from another supplier is made within six months from the date of rejection of the stores as aforesaid.

17. As a Government of India Department, this office is exempted from payment of Octroi and similar local levies. Tenderers shall ensure that necessary Exemption Certificates are obtained by them from the Purchase Officer concerned to avoid any payment of such levies.

18. DESPATCH: The Contractor is responsible for obtaining a clear receipt from the Transport Authorities specifying the goods despatched. The consignment should be despatched with clear Railway Receipt/Lorry Receipt. If sent in any other mode, it shall be at the risk of the Contractor. Purchaser will take no responsibility for short deliveries or wrong supply of goods when the same are booked on 'said to contain' basis. Purchaser shall pay for only such stores as are actually received by them in accordance with the Contract.

19. GUARANTEE & REPLACEMENT:

- (a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.
- (b) For a period of twelve months after the acceptance of the stores, if any defects are discovered therein or any defects therein found to have developed under proper use, arising from faulty stores design or workmanship, the Contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 14 months from the date of acceptance thereof by the purchaser who shall state in writing in what respect the stores or any part thereof are faulty.
- (c) If, in the opinion of the purchaser, it becomes necessary to replace or renew any defective stores such replacement or renewal shall be made by the Contractor free of all costs to the purchaser, provided the notice informing the Contractor of the defect is given by the purchaser in this regard within the said period of 14 months from the date of acceptance thereof.
- (d) Should the Contractor fail to rectify the defects, the purchaser shall have the right to reject or repair or replace at the cost of the Contractor the whole or any portion of the defective stores.
- (e) The decision of the Purchaser notwithstanding any prior approval or acceptance or inspection thereof on behalf of the Purchaser, as to whether or not the Stores supplied by the Contractor are defective or any defect has developed within the said period of 12 months or any other period or as to whether the nature of defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.
- (f) To fulfill guarantee conditions outlined in (a) to (e) above, the Contractor shall, at the option of the Purchaser, furnish a Bank Guarantee (as prescribed by the Purchaser)

20. PACKING FORWARDING & INSURANCE: The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by rail, road, sea or air to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of packages shall be done by and at the expense of the Contractor. The purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Contractor and the Purchaser shall pay only for such stores as are actually received in good condition in accordance with the Contract.

21. PRICES: Tender offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer, quotation with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variation/s.

- 22. a) Your offer should be valid for 90 days from the date of opening of the tender.
- b) Prices are required to be quoted according to the units indicated in the annexed tender form. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.

23. d) The term 'Purchase Order' shall mean the communication signed on behalf of the Purchaser by an Officer duly authorised intimating the acceptance on behalf of the Purchaser on the terms and

conditions mentioned or referred to in the said communication accepting the tender or offer of the Contractor for supply of stores or plant, machinery or equipment or part thereof.

C. Bid Templates

C.1 Technical Bid - High precision automated gas expansion pycnometer for measurement of density/specific gravity of powders and compressible materials

1. Gas pycnometer

Item specifications for Gas pycnometer

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	High precision automated gas expansion pycnometer	: for measurement of density/specific gravity of powders and compressible materials with following specification	Yes / No / Explain		
2	Principle of operation	Gas displacement method	Yes / No / Explain		
3	Volume of sample cell	1 cm ³ to 100cm ³ (Range)	Yes / No / Explain		
4	Cells to be supplied	Minimum 3nos. in different range (large, medium & small) Size Approx. Large : 80 - 100 cm ³ Medium : 35 - 65 cm ³ Small : 4 - 10 cm ³	Yes / No / Explain		
5	Reference Chambers	2 minimum , Multiple reference volume for accurate measurement of sample volume	Yes / No / Explain		
6	Display	LCD display which shows parameters like pressure, temperature, results etc with alphanumeric keyboard	Yes / No / Explain		
7	Volume accuracy (%)	within $\pm 0.03\%$	Yes / No / Explain		
8	Repeatability of volume measurement	$\pm 0.02\%$	Yes / No / Explain		

9	Pressure Range(psi)	1-20	Yes / No / Explain		
10	Automatic temperature control	Integrated peltier mode	Yes / No / Explain		
11	Operating Temperature range	20 degreeC to 35 degreeC with a stability ± 0.1 degreeC	Yes / No / Explain		
12	Pressure transducer range	Ambient to 25 psi	Yes / No / Explain		
13	Pressure display resolution	1.4×10^{-4} psi (0.001kPa)	Yes / No / Explain		
14	Purge Modes	Continuous Flow/ Pulse/ Vacuum (with precision needle valve) purging & vacuum facility along with system if applicable	Yes / No / Explain		
15	Interfaces	<ul style="list-style-type: none"> •USB port for data storage device, printer, Ethernet port for PC & network connection. •RS 232 balance interface •Suitable connection to temperature controlling device for measurement at user specified temperature 	Yes / No / Explain		
16	Power supply	As per Indian standard (220V,50Hz	Yes / No / Explain		
17	Calibration kit	<ul style="list-style-type: none"> •Calibration Spheres: for all sample volume chambers with certificate of calibration with traceability •In proper storage case & tool for sphere extraction 	Yes / No / Explain		
18	Software	Latest version of system software with original license. Software should be capable equipment control through PC, data analysis & interpretation. Free upadation of software for a minimum of 10years	Yes / No / Explain		

2. Accessories

Item specifications for Accessories

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Helium gas cylinder	01 No. of helium gas cylinder (ultra high purity) of standard capacity (approx.46.7lt) with duly fitted valve, with neck ring and cap including test certificate, ISI inspection certificate, Hydraulic test certificate, dual stage regulator & pressure gauge.	Yes / No / Explain		
2	Data Acquisition unit	Compatible latest desktop for fast data acquisition and processing •Standard Intel i5 with latest operating system, keyboard & mouse •8GB RAM minimum, 21" TFT monitor, 1TB HDD. Dual LAN card, for connecting instrument and other to Local area network. Detail equipment features	Yes / No / Explain		
3	Degassing unit	Suitable vacuum pump, tubings & necessary fittings if vacuum purging applicable	Yes / No / Explain		

4	Analytical balance	Highly accurate balance with traceable calibration certificate Maximum capacity: 220g Readability: 0.0001g Repeatability: 0.1mg Linearity: 0.2mg General: Chemical resistant metal body Bubble leveling system in front Digital display Usable height – more than 230mm Power : 220V , 50Hz	Yes / No / Explain		
---	--------------------	--	--------------------	--	--

3. Essential Spares

Item specifications for Essential Spares

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Operating supplies	shall include spare & consumables like O rings, lubricants, tools & tackles required for the trouble free operations minimum 3yrs	Yes / No / Explain		

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Scope includes	supply , installation, verification of calibration and demonstration at our site.	Yes / No / Explain		
2	Warranty	•Party shall offer the quote including an extended warranty for 3 years minimum and assured service for minimum of 8-10 years from the date on installation .Yearly calibration required for balance & equipment during warranty period	Yes / No / Explain		

3	AMC after warranty	<ul style="list-style-type: none"> •Conditions & charges of AMC after warranty period along with the price list of all spares are to be mentioned for minimum 5 years •Patry should have a service back up with technically competent service engineers trained and certified by the factory 	Yes / No / Explain		
---	--------------------	--	--------------------	--	--

Supporting Documents required from Vendor

1. Authorisation letter from parent company

2. Brochures/catalogue of principal 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	Instruction/ operating manuals in English shall be provided with the instruments	Yes / No / Explain	
2	•The equipment shall be provided with a warranty certificate and calibration certificate with traceability	Yes / No / Explain	
3	•Training shall be provided for minimum 2 personnel	Yes / No / Explain	
4	•Methods are to be generated & analysis is to be carried out for user samples after installation	Yes / No / Explain	
5	•Party shall install and demonstrate the system performance at our site without any extra charges •	Yes / No / Explain	
6	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	
7	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 Indemnity Bond in lieu of BG. In the event of non-performance of contractual obligations, SD will be forfeited).	Yes / No / Explain	
8	Delivery Terms.	Yes / No / Explain	
9	Delivery Period	Yes / No / Explain	
10	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	

11	Warranty	Yes / No / Explain	
12	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	
13	Payment Term: (Our Default payment term: For indigenous 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	
14	Definitions: A supplier or service provider, whose goods, services or works offered for procurement, has local content: a) Equal to or more than 50% : Class-I local supplier. b) More than 20% but less than 50% : Class-II local supplier. c) Less than or equal to 20% : Non-local supplier. Mention your category.	Yes / No / Explain	
15	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.	Yes / No / Explain	

16	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.	Yes / No / Explain	
17	PO Placement Address (with Name and Contact Details of sales person concerned).	Yes / No / Explain	
18	Any Other Terms	Yes / No / Explain	
19	Acceptance to provide Non-Comprehensive AMC for a period of 5 yrs after the completion of warranty period. AMC cost shall only be mentioned in the specific slot in the price bid.	Yes / No / Explain	
20	List of essential spares for the trouble free operation of the equipment to be uploaded (Without price details). Details of optional spares may also be provided (without price details).	Yes / No / Explain	
21	Kindly ensure that the cost of essential spares is quoted only once in the price bid template. If once quoted above, need not mention in the below column in price bid. CONFIRM	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Gas pycnometer	1.00 Nos.		-		
2	Accessories	1.00 Sets		-		
3	Essential Spares	1.00 Sets		-		

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	

**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 Indemnity 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 Default payment term: For indigenous 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	PO Placement Address (with Name and Contact Details of sales person concerned).	Yes / No / Explain	
22	Any Other Terms	Yes / No / Explain	
23	Ensure that unpriced bid is uploaded. CONFIRM	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	REFRIGERATED CENTRIFUG E 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	