

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

Tender for Chemicals

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100381401 dated 15-09-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100381401
Tender Date :	15-09-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Procurement of Chemicals

Procurement of Chemicals

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 :	15-09-2021 12:37
Bid Clarification Due Date :	30-09-2021 17:00
Bid Submission Due Date :	14-10-2021 14:00
Bid Opening Date :	14-10-2021 14:01
Price Bid Opening Date :	21-10-2021 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 - Chemicals

1. CHEMICALS - 2,4,6 –Trimethyl 2,4,6 trivinyl cyclotrisilazane,CAS No. 550572-6, Pack of 50 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Assay	90%	Yes / No / Explain		
2	Refractive index at 20°C	1.482	Yes / No / Explain		
3	Density	0.964 g/mL	Yes / No / Explain		

2. CHEMICALS-Hexamethyldisilazane, CAS 999-97-3, Pack of 1 L

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	assay	99%	Yes / No / Explain		
2	refractive index at 20°C	1.407	Yes / No / Explain		
3	Boiling point	125 °C	Yes / No / Explain		

3. CHEMICALS - Poly(dimethylsiloxane), bis(3-aminopropyl) terminated, Mn 25000 , CAS 106214-84-0 , Pack of 50 ml

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Molecular weight	Mn 25000	Yes / No / Explain		
2	Refractive index at 20°C	1.406	Yes / No / Explain		
3	viscosity	2,000 cSt	Yes / No / Explain		
4	Boiling point	>200 °C	Yes / No / Explain		
5	Density	0.98 g/mL at 25 °C	Yes / No / Explain		

4. CHEMICALS- Isophthalaldehyde, Benzene-1,3-dicarboxaldehyde , CAS 626-19-7 , Pack of 25 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	assay	97%	Yes / No / Explain		
2	Melting point	87-88 °C	Yes / No / Explain		

5. CHEMICALS- Benzoin CAS 119-53-9 , Pack of 500 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	assay	98%	Yes / No / Explain		
2	Boiling point	194 °C	Yes / No / Explain		
3	Melting point	134-138 °C	Yes / No / Explain		

6. CHEMICALS - Tetrakis(triphenylphosphine) Palladium(0), CAS 14221-01-03 , Pack of 5 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	assay	99%	Yes / No / Explain		
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7. CHEMICALS- p toluenesulphonic acid monohydrate CAS 6192-52-5 ,Pack of 100 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Assay	>98.5%	Yes / No / Explain		

8. CHEMICALS-Poly(propyleneglycol) bis (2-aminopropylether), CAS 9046-10-0 ,Pack of 250 ml

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	mol wt average	Mn ~4,000	Yes / No / Explain		
2	refractive index at 20°C	1.452	Yes / No / Explain		
3	density	0.997 g/mL	Yes / No / Explain		

9. CHEMICALS-Cesium carbonate CAS 534-17-8, Pack of 50 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	assay	99%	Yes / No / Explain		
2	Melting point	610 °C	Yes / No / Explain		

10. CHEMICALS-Ethyleneglycol CAS 107-21-1, Pack of 2L

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	assay	99.8%	Yes / No / Explain		
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11. CHEMICALS-2,2,4,4,6,6-Hexamethylcyclotrisilazane

CAS 1009-93-4, Pack of 10 ml

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	assay	97%	Yes / No / Explain		
2	refractive index at 20°C	1.445	Yes / No / Explain		
3	Boiling point	188 °C	Yes / No / Explain		
4	Melting point	10 °C	Yes / No / Explain		
5	density	0.92 g/mL at 25 °C	Yes / No / Explain		

12. CHEMICALS-Bis(dimethylamino)dimethylsilane, 97%

CAS 3768-58-9, Pack of 25 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	refractive index at 20°C	1.417	Yes / No / Explain		
2	Boiling point	28-129 °C	Yes / No / Explain		
3	Melting point	98 °C	Yes / No / Explain		
4	density	0.809 g/mL at 25 °C	Yes / No / Explain		

13. CHEMICALS-bromoisophthalaldehyde, CAS 79839-49-9 , Pack of 1 g

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	assay	97%	Yes / No / Explain		
2	Melting point	139-144 °C	Yes / No / Explain		

14. CHEMICALS-Poly(dimethylsiloxane), bis(3-aminopropyl) terminated, Mn 2500 , CAS 106214-84-0 , Pack of 50 ml

Item specifications for CHEMICALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Molecular weight	Average Mn : 2500	Yes / No / Explain		
2	Refractive index at 20°C	1.410	Yes / No / Explain		
3	Boiling point	>200°C	Yes / No / Explain		
4	Density	0.98 g/mL	Yes / No / Explain		

Supporting Documents required from Vendor

- 1. Brochures/Catalogues of company with details**
- 2. Detailed Techno commercial offer(without price details)**
- 3. Declaration regarding the percentage of local content (or value addition) in the item offered.**
- 4. Detailed Compliance Matrix vis-a-vis the item specification in tenders.**
- 5. 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 items should be supplied as per the pack size requested for each item	Yes / No / Explain	
2	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	
3	PO Ordering Address with Name and Contact Details of Sales Person concerned (e-mail and phone number).	Yes / No / Explain	
4	Any Other Terms	Yes / No / Explain	
5	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	
6	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	
7	Delivery Terms.	Yes / No / Explain	
8	Delivery Period	Yes / No / Explain	

9	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	
10	Validity	Yes / No / Explain	
11	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	
12	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	
13	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	
14	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	

15	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	
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C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	CHEMICALS - 2,4,6 -Trimethyl 2,4,6 trivinyl cyclotrisilazane,CAS No. 550572-6, Pack of 50 g	3.00 Nos.		-		
2	CHEMICALS- Hexamethyldi silazane, CAS 999-97- 3, Pack of 1 L	1.00 Nos.		-		
3	CHEMICALS - Poly(dimethyl siloxane), bis(3- aminopropyl) terminated, Mn 25000 , CAS 106214- 84-0 , Pack of 50 ml	6.00 Nos.		-		
4	CHEMICALS- Isophthalalde hyde, Benzene- 1,3- dicarboxalde hyde , CAS 626-19-7 , Pack of 25 g	4.00 Nos.		-		
5	CHEMICALS- Benzoin CAS 119-53-9 , Pack of 500 g	2.00 Nos.		-		
6	CHEMICALS - Tetrakis(triph enylphosphin e) Palladium(0), CAS 14221- 01-03 , Pack of 5 g	2.00 Nos.		-		

7	CHEMICALS- p toluenesulph onic acid monohydrate CAS 6192- 52-5 ,Pack of 100 g	2.00 Nos.					
8	CHEMICALS- Poly(propylen eglycol) bis (2- aminopropyle ther), CAS 9046-10-0 ,Pack of 250 ml	2.00 Nos.					
9	CHEMICALS- Cesium carbonate CAS 534-17- 8, Pack of 50 g	2.00 Nos.					
10	CHEMICALS- Ethyleneglyc ol CAS 107- 21-1, Pack of 2L	2.00 Nos.					
11	CHEMICALS- 2,2,4,4,6,6- Hexamethylc yclotrisilazan e CAS 1009- 93-4, Pack of 10 ml	7.00 Nos.					
12	CHEMICALS- Bis(dimethyla mino)dimethy lsilane, 97% CAS 3768- 58-9, Pack of 25 g	4.00 Nos.					
13	CHEMICALS- bromoisophth alaldehyde, CAS 79839- 49-9 , Pack of 1 g	10.00 Nos.					
14	CHEMICALS- Poly(dimethyl siloxane), bis(3- aminopropyl) terminated, Mn 2500 , CAS 106214- 84-0 , Pack of 50 ml	3.00 Nos.					

Common charges (Applicable for all items)

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