

**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)/VS202100363601 dated 30-08-2021**

## A. Tender Details

Tender No :	<b>VSSC/PURCHASE UNIT III (SPRE)/VS202100363601</b>
Tender Date :	<b>30-08-2021</b>
Tender Classification:	<b>GOODS</b>
Purchase Entity :	<b>PURCHASE UNIT III (SPRE)</b>
Centre :	<b>VIKRAM SARABHAI SPACE CENTRE (VSSC)</b>

## 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 :	<b>30-08-2021 12:00</b>
Bid Clarification Due Date :	<b>08-09-2021 12:00</b>
Bid Submission Due Date :	<b>30-09-2021 14:00</b>
Bid Opening Date :	<b>30-09-2021 14:01</b>
Price Bid Opening Date :	<b>07-10-2021 14:00</b>

## B. Tender Attachments

NA

### Instructions To Vendors

1. 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.
2. 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.
3. 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.
4. 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.
5. Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.
6. 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.
7. 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.
8. 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.

9. 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.

## **10. 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.

## C. Bid Templates

### C.1 Technical Bid - Electrolyte

#### 1. BATTERY MATERIALS

##### Electrolyte-1

##### Item specifications for BATTERY MATERIALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Composition	1.2 M LiPF6 in EC/EMC/MP (20:20:60 vol%)+4 wt % FEC	Yes / No / Explain		
2	LiPF6 (weight%)	15.1	Yes / No / Explain		
3	Ethylene Carbonate (weight%)	21	Yes / No / Explain		
4	Ethyl Methyl Carbonate (weight%)	16.1	Yes / No / Explain		
5	Methyl Propionate (weight%)	43.8	Yes / No / Explain		
6	Fluoroethylene carbonate (weight%)	4	Yes / No / Explain		
7	Moisture (ppm)	<20	Yes / No / Explain		
8	Hydrofluoric acid (ppm)	<20	Yes / No / Explain		
9	Packing	1 kg	Yes / No / Explain		

#### 2. BATTERY MATERIALS

##### Electrolyte-2

##### Item specifications for BATTERY MATERIALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	Composition	1.0 M LiPF6 in EC/EMC/MP (20:20:60 vol%)+1 wt % VC	Yes / No / Explain		
2	LiPF6 (weight %)	13.3	Yes / No / Explain		
3	Ethylene Carbonate (weight %)	22.2	Yes / No / Explain		
4	Ethyl Methyl Carbonate (weight %)	17.1	Yes / No / Explain		
5	Methyl Propionate (weight %)	46.4	Yes / No / Explain		
6	Vinylene Carbonate (weight %)	1	Yes / No / Explain		
7	Moisture (ppm)	<20	Yes / No / Explain		
8	Hydrofluoric acid (ppm)	<20	Yes / No / Explain		
9	Packing	1 kg	Yes / No / Explain		

### 3. BATTERY MATERIALS

#### Electrolyte-3

#### Item specifications for BATTERY MATERIALS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Composition	1.0 M LiPF6 in EC/DMC (3:7 vol%)+2 wt % FEC+1 wt%VC	Yes / No / Explain		
2	LiPF6 (weight %)	11.7	Yes / No / Explain		
3	Ethylene Carbonate (weight %)	29.4	Yes / No / Explain		
4	Dimethyl Carbonate (weight %)	55.9	Yes / No / Explain		
5	Vinylene Carbonate (weight %)	1.0	Yes / No / Explain		
6	Fluoroethylene Carbonate (weight %)	2.0	Yes / No / Explain		

7	Moisture (ppm)	<20	Yes / No / Explain		
8	Hydrofluoric acid (ppm)	<20	Yes / No / Explain		
9	Packing	1 kg	Yes / No / Explain		

### **Supporting Documents required from Vendor**

**1. Brochures/Catalogues of company with details**

**2. Detailed Techno commercial offer (without price details)**

**3. Party has to supply 200 g of sample electrolyte for analysis at our end without which the offer will not be accepted**

**4. Party has to submit the specification sheet of the materials**

**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 material should be properly packed to avoid moisture ingress	Yes / No / Explain	
2	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	
3	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	
4	Delivery Terms.	Yes / No / Explain	
5	Delivery Period	Yes / No / Explain	
6	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	
7	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	

8	<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	
9	<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	
10	<p>The Class-I &amp; 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	
11	<p>PO Placement Address (with Name and Contact Details of sales person concerned).</p>	Yes / No / Explain	
12	<p>Any Other Terms</p>	Yes / No / Explain	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	BATTERY MATERIALS Electrolyte-1	5.00 KG		-		
2	BATTERY MATERIALS Electrolyte-2	5.00 KG		-		

3	BATTERY MATERIALS Electrolyte-3	5.00 KG		-		
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**Common charges (Applicable for all items)**

<b>P&amp;F Charges</b>	
<b>Freight charge</b>	
<b>Documentation &amp; Handling charges</b>	
<b>Other Charges (If any)</b>	