

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

Tender for Platinum Catalyst

Bids to be submitted online

Tender No.: VSSC/PURCHASE UNIT III (SPRE)/VS202100338601 dated 09-09-2021

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT III (SPRE)/VS202100338601
Tender Date :	09-09-2021
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT III (SPRE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Procurement of Platinum Catalyst

This Tender is for the procurement of Platinum Catalyst

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.

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.

A.1 Tender Schedule

Bid Submission Start Date :	09-09-2021 10:00
Bid Clarification Due Date :	30-09-2021 17:00
Bid Submission Due Date :	11-10-2021 14:00

Bid Opening Date :

11-10-2021 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. Purchase preference to eligible vendors are applicable as per extant notifications issued by the Government of India.
5. 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.
6. 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.
7. 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.

C. Bid Templates

C.1 Technical Bid - Platinum Catalyst

1. PLATINUM CATALYST

Item specifications for PLATINUM CATALYST

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Platinum on Vulcan XC 72 or High surface area carbon	38.0 to 41.0 wt.% (on dry basis Elemental analysis by ICP)	Yes / No / Explain		
2	Total Metal Impurities	600 ppm max	Yes / No / Explain		
3	Moisture/Residual water	2.0 wt.% max.	Yes / No / Explain		
4	Surface Area	60 sq.m/g Pt min. (metal surface area, CO chemisorb)	Yes / No / Explain		
5	X-Ray Diffraction (XRD)	Crystalline size 5 nm max.	Yes / No / Explain		

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Platinum on Vulcan-XC72 or high surface area carbon	38.0 to 41.0 wt.% (on dry basis Elemental analysis by ICP)	Yes / No / Explain		
2	Total Metal Impurities	600 ppm max	Yes / No / Explain		
3	Moisture/Residual water	2.0 wt.% max.	Yes / No / Explain		
4	Surface Area	60 sq.m/g Pt min. (metal surface area, CO chemisorb)	Yes / No / Explain		
5	X-Ray Diffraction (XRD)	Crystalline size 5 nm max.	Yes / No / Explain		

Supporting Documents required from Vendor

1. detailed specification sheet for the items

2. Brochures/Catalogues of company with 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.

6. Detailed Quotation with price details (Showing spilt-up costs , if applicable)

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	party shall provide list of customers to whom platinum catalyst for fuel cell was supplied earlier.	Yes / No / Explain	
2	This tender is issued under the Make In India policy of the Government of India and offer from parties having the required percentage of Local Content only will be considered.	Yes / No / Explain	
3	Party shall clearly mention the name of manufacturer, and the detailed address of the Plant making the catalyst.	Yes / No / Explain	
4	In case of quote by Authorized dealer authorization valid authorization letter specific to the tender should be submitted along with the offer without which the offer will not be considered.	Yes / No / Explain	
5	Party shall be ready to permit inspection of the manufacturing facility in India if desired by Department (VSSC)	Yes / No / Explain	
6	VSSC reserves the right to obtain sample as part of evaluation from any or all the parties. Parties not submitting samples for evaluation will be excluded from the procurement process.	Yes / No / Explain	
7	The sample will also be tested by Department and financial bids of those vendors who qualify through the sample evaluation only will be evaluated and considered for placement of order.	Yes / No / Explain	
8	Parties shall be ready to provide 10 g of samples for our evaluation. The sample should accompany Test Certificate from NABL accredited Laboratory for the properties/parameters asked for.	Yes / No / Explain	
9	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	

10	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	
11	Delivery Terms.	Yes / No / Explain	
12	Delivery Period	Yes / No / Explain	
13	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	
14	Payment Term: (Our Defalut payment term: For indigenou orders: 100% within 30 days after receipt and acceptance of item at our site. For import cases: 100% by Sight Draft with Bank Charges to respective accounts. NOTE: CONSEQUENT TO COVID 19 PANDEMIC AND AS PER EXTANT GUIDELINES FROM DEPARTMENT OF SPACE, NO ADVANCE PAYMENT IS PAYABLE TO THIS TENDER).	Yes / No / Explain	
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	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	PLATINUM CATALYST	2500.00 Grams		-		

Common charges (Applicable for all items)

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