

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
LIQUID PROPULSION SYSTEMS CENTRE (LPSC-B)  
BANGALORE**

**Tender for HIGH RESISTANCE TESTER**

**Bids to be submitted online**

**Tender No.: LPSC-B/Liquid Propulsion Systems  
Centre,Bengaluru/LB202400006301 dated 28-10-2024**

## A. Tender Details

Tender No : **LPSC-B/Liquid Propulsion Systems Centre,Bengaluru/LB202400006301**

Tender Date : **28-10-2024**

Tender Classification: **GOODS**

Purchase Entity : **Liquid Propulsion Systems Centre,Bengaluru**

Centre : **LIQUID PROPULSION SYSTEMS CENTRE (LPSC-B)**

## HIGH RESISTANCE TESTER

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### A.1 Tender Schedule

Bid Submission Start Date : **28-10-2024 17:00**

Bid Clarification Due Date : **19-11-2024 17:00**

Bid Submission Due Date : **26-11-2024 14:00**

Bid Opening Date : **26-11-2024 14:30**

## B. Tender Attachments

NA

### Instructions To Vendors

#### 1. Instructions to Vendors

1. LPSC(B) invites offers through eprocurement portal (<https://eproc.isro.gov.in>) for the supply / service of items as listed in the Tender document.

2. Prospective vendors interested in participating in the tendering process need to get registered in the e-procurement portal by using Digital Signature Certificate. Offers submitted through our online portal only shall be considered and offers received through fax or email or in person shall not be considered.

3. The Tenderers are requested to update their address and contact details, if necessary and submit the Bids online at least two days prior to closing date to avoid last minute system / network related problems. In case of any technical issues, tenderers may write to helpdesk team ([eprocure@vssc.gov.in](mailto:eprocure@vssc.gov.in), [egps@lpsc.gov.in](mailto:egps@lpsc.gov.in)) for resolution. Request for the extension of the due date for such instances shall not be considered.

4. GST @ 5% is applicable for following goods mentioned under Sl. No. 243B as per Department of Revenue Notification No. 25/2018 - Integrated Tax (Rate) dated 31/12/2018 (Amendment to Notification Nos. 07/2018 dated 25/01/2018 and 01/2017 dated 28/06/2017) and Department of Revenue Notification No. 24/2018 - Central Tax (Rate) dated 31/12/2018 (Amendment to Notification Nos. 06/2018 dated 25/01/2018 and 01/2017 dated 28/06/2017) and Government of Karnataka Notification No. 24/2018 dated 31/12/2018 (Amendment to Notification Nos. 06/2018 dated 25/01/2018 and 01/2017 dated 29/06/2017).

"Scientific and technical instruments, apparatus, equipment, accessories, parts, components, spares, tools, mock ups and modules, raw material and consumables required for Launch Vehicles and Satellites and Payloads"

5. LPSC(B), ISRO is eligible for Customs Duty Concession vide Notification No.12/2012-Customs dated 17/03/2012 and Notification No. 50/2017-Customs dated 30/06/2017. Necessary Customs Duty Concession Certificate shall be provided if applicable.

6. Offer Validity: The offer shall be valid for a period of 90 days (for Single Part Tender) and 120 days (for Two Part Tender) from the date of opening of the tender or any other period as specified in the Tender document. Offers with lesser validity period than that specified are liable for exclusion from the procurement process.

7. In case of Two Part Tender, Tenderers shall not mention any kind of price element in Techno-Commercial Bid. If any Price element is mentioned in the Techno-Commercial bid, their offer shall be liable for rejection.

8. LPSC(B) reserves the right to accept or reject any quotation in part or in full or part without assigning any reason thereof. LPSC(B) shall be under no obligation to accept the lowest tender and reserves the right to accept whole or any part of the tender or part of the quantity offered and the Tenderers shall supply the same at the rates quoted.

9. Applicable Law: The Contract shall be governed by Indian Law for the time being in force and jurisdiction shall lie in the Courts of India.

10. Only Class-I and Class-II Local suppliers as per Public Procurement Policy (Preference to Make in India) Order, 2017 are eligible to participate in the bid unless otherwise specified in the Tender document.

11. As far as implementation of Public Procurement Policy (Preference to Make in India) Order, 2017 is concerned, the Office Orders vide No. P-45021/2/2017-B.E-II dated 15/06/2017, which is partially modified by Order No. P-45021/2/2017-PP(BE-II) dated 28/05/2018, Order No. P-45021/2/2017-PP(BE-II) dated 29/05/2019, Order No. P-45021/2/2017-PP (BE-II) dated 04/06/2020 and Order No. P-45021/2/2017-PP (BE-II) dated 16/09/2020 and subsequent Amendments issued by the Department for Promotion of Industries and Internal Trade (DPIIT), Ministry of Commerce and Industry regarding Class-I / Class-II local suppliers, Purchase preference, verification of local contents etc. shall be applicable to this tender unless otherwise specified in the Tender document.

Therefore, bidders may ensure compliance of the same while submitting tenders.

12. Price Preference shall be extended to the MSEs under the Public Procurement Policy for MSEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006 unless otherwise specified in the Tender document. Such MSEs shall produce documentary proof of registration as per provisions of the Policy i.e. registration with District Industries Centre (DIC) or Khadi and Village Industries Commission (KVIC) or Khadi and Industries Board (KVIB) or Coir Board or National Small Industries Commission (NSIC) or Directorate of Handicrafts and Handlooms or Udyog Aadhar Memorandum or any other body specified by Ministry of MSME.

13. Any bidder from a country which shares a land border with India will be eligible to bid in this tender, only if the bidder is registered with the Competent Authority. Competent Authority for the purpose of registration shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

14. Bank Details: Tenderer shall provide their bank details such as IFSC code, IBAN No. , SWIFT etc. along with their offer which shall be not be changed till completion of supply/service.

15. Resolution of Disputes: Any dispute, disagreement or question arising out of or relating to or in consequence of the contract or to its fulfillment, or the validity of enforcement thereof which cannot be settled mutually, or the settlement of which is not herein specifically provided for, shall within 30 (thirty) days from the date either party informs the other in writing that such dispute or disagreement exists be referred to arbitration by the sole arbitrator. The Arbitrator shall be appointed as per the Indian Arbitration and Conciliation Act 1996 and proceedings will be conducted in Bangalore. The Arbitration proceedings shall be conducted in accordance with and subject to the Arbitration and Conciliation Act 1996 (Act 26 of 1996) as amended from time to time and the decision of the Arbitrator shall be final and binding on the parties thereto. Each party shall bear its own cost of preparing and presenting its case. The cost of Arbitration including the fees and expenses of the Arbitrator shall be shared equally by the parties unless the award provides otherwise. Subject to provisions of this clause, the courts at Bangalore shall have exclusive jurisdiction. Performance under this Contract shall, however continue during Arbitration proceeding and no payment due or payable by the parties hereto shall be withheld unless any such payment is/or forms a part of the subject matter of the Arbitration proceedings.

16. Force Majeure: Neither party shall bear responsibility for the complete or partial non-performance of any of his obligations if the non-performance results from such force majeure circumstances such as, but not restricted to, flood, fire, earthquake, civil commotion, sabotage, explosion, epidemic, quarantine restriction, strike, lock-out, freight embargo, acts of the Government, acts of public enemy and other acts of God as well as war or revolution, military operation, blockade, acts or actions of State authorities or any other circumstance beyond the control of the parties provided the other party is notified in writing within 21 days from the date of commencement of the unforeseeable event.

## C. Bid Templates

### C.1 Technical Bid - HIGH RESISTANCE TESTER

#### 1. HIGH RESISTANCE METER

##### Item specifications for HIGH RESISTANCE METER

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	BENCHTOP	Yes / No / Explain		
2	Measurement range	200kΩ to 1TΩ	Yes / No / Explain		
3	Accuracy	≤5%	Yes / No / Explain		
4	Test voltage	≥0-1000V	Yes / No / Explain		
5	Test current	<5 mA	Yes / No / Explain		
6	Safety rating	Category III 600V of IEC 61010 / Category III 1000V of IEC 61010	Yes / No / Explain		
7	Warranty	≥2 yr	Yes / No / Explain		
8	Resolution	0.1 MΩ	Yes / No / Explain		
9	Data logging	≥50 locations	Yes / No / Explain		
10	PC interface along with suitable & driven software	Required	Yes / No / Explain		
11	Power requirement	Battery	Yes / No / Explain		
12	Type of battery	Lithium	Yes / No / Explain		
13	Rechargeable	Yes	Yes / No / Explain		
14	Voltage of rechargeable battery	≤12V	Yes / No / Explain		

15	Battery capacity(mAhr)	≥2000	Yes / No / Explain		
16	Standard accessories	Power cord, test lead, power bank	Yes / No / Explain		
17	Operating temperature	0-50	Yes / No / Explain		
18	Operating humidity	≥80	Yes / No / Explain		
19	Calibration certificate	Required	Yes / No / Explain		
20	Test reports(Govt/NABL)	Required	Yes / No / Explain		

## Document : TECHNICAL SPECIFICATION

### Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	BENCHTOP	Yes / No / Explain		
2	Measurement range	200kΩ to 1TΩ	Yes / No / Explain		
3	Accuracy	less than or equal to5%	Yes / No / Explain		
4	Test voltage	≥0-1000V	Yes / No / Explain		
5	Test current	<5 mA	Yes / No / Explain		
6	Safety rating	Category III 600V of IEC 61010 / Category III 1000V of IEC 61010	Yes / No / Explain		
7	Warranty	≥2 yr	Yes / No / Explain		
8	Resolution	0.1 MΩ	Yes / No / Explain		
9	Data logging	≥50 locations	Yes / No / Explain		
10	PC interface along with suitable & driven software	Required	Yes / No / Explain		
11	Power requirement	Battery	Yes / No / Explain		

12	Type of battery	Lithium	Yes / No / Explain		
13	Rechargeable	Yes	Yes / No / Explain		
14	Voltage of rechargeable battery	≤12V	Yes / No / Explain		
15	Battery capacity(mAhr)	greater than or equal to 2000	Yes / No / Explain		
16	Standard accessories	Power cord, test lead, power bank	Yes / No / Explain		
17	Operating temperature	0 to 50	Yes / No / Explain		
18	Operating humidity	greater than or equal to 80	Yes / No / Explain		
19	Calibration certificate	Required	Yes / No / Explain		
20	Test reports(Govt/NABL)	Required	Yes / No / Explain		

### Supporting Documents required from Vendor

#### 1. SPECIFICATION SHEET, QUOTATION, WARRANTY AND GOVT/NABL CERTIFICATION

5 additional documents can be uploaded by the vendor



## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	THE EQUIPMENT SHOULD BE DEMONSTRATED ITS FUNCTIONALITY onsite	Yes / No / Explain	
2	Goods and Services Tax (GST): Kindly mention percentage of GST considered in your offer along with HSN Code.	Yes / No / Explain	
3	Delivery Terms: FOR LPSC, Bangalore or any other	Yes / No / Explain	
4	Delivery Period: The supply shall be completed within 45 to 60 days from the date of receipt of PO.	Yes / No / Explain	
5	Payment Terms: 100% payment shall be made within 30 days of receipt and acceptance of the items at our site.	Yes / No / Explain	
6	Liquidated Damages (LD): If the ordered items are not supplied within the delivery schedule, LD shall be levied from your bill @ 0.5% of the order value per week or 0.5% of the value of the stores for which the delivery is delayed for each week of delay subject to a maximum of 10% of the order value.	Yes / No / Explain	
7	Warranty: The items shall be warranted for a minimum period of two years from the date of supply or acceptance of items at our site which ever is later. Necessary warranty certificate shall be furnished along with the supply.	Yes / No / Explain	
8	Performance Bank Guarantee (PBG): You have to submit PBG towards fulfilment of warranty obligations and performance of the system for 3% of the Order Value from a Nationalized / Scheduled Bank on non-judicial stamp paper of appropriate value valid till the completion of warranty period plus 60 days as per the format provided by Department. (OR) 3% of the Order Value shall be withheld till the completion of Warranty period plus 60 days.	Yes / No / Explain	
9	Insurance: Being a Government of India Department, Insurance is not required at our cost. Please ensure the safe delivery of the ordered item with proper AIR / SEA / ROAD worthy packing.	Yes / No / Explain	

10	Address, contact details like Telephone Number, e-mail, etc. on which order to be placed.	Yes / No / Explain	
11	Details of Principal: Address, contact details like Telephone Number, e-mail, etc. (if applicable)	Yes / No / Explain	
12	Bank Details: Bank name, Branch address, Account No., IFSC Code, IBAN Number, SWIFT, etc.	Yes / No / Explain	
13	Local Content (%): Please mention the percentage of Local Content and the location where local value addition takes place (Kindly enclose self-certification document)	Yes / No / Explain	
14	Validity of offer: 90 days (for Single Part Tender) / 120 days (for Two Part Tender) from the date of opening of tender or as specified in the Tender Document.	Yes / No / Explain	
15	Any Other Terms	-	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	HIGH RESISTANCE METER	1.00 Nos.		-		

### Common charges (Applicable for all items)

<b>Installation &amp; Configuration</b>	
<b>Other Costs, if any (Value)</b>	
<b>Taxes, if any (Percentage)</b>	