

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

Tender for Automated Electrical Test Unit

Bids to be submitted online

**Tender No.: LPSC-B/Liquid Propulsion Systems
Centre,Bengaluru/LB202500000101 dated 16-01-2025**

A. Tender Details

Tender No : **LPSC-B/Liquid Propulsion Systems Centre,Bengaluru/LB202500000101**

Tender Date : **16-01-2025**

Tender Classification: **GOODS**

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

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

Tender for Design, Realization, Supply, Installation, Testing, Commissioning and Demonstration of Automated Electrical Test Unit

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A.1 Tender Schedule

Tender Publish Date : **16-01-2025 16:00**

Bid Clarification Due Date : **13-02-2025 14:00**

Bid Submission Start Date : **31-01-2025 14:00**

Bid Submission Due Date : **27-02-2025 14:00**

Bid Opening Date : **27-02-2025 14:30**

Price Bid Opening Date : **13-03-2025 14:00**

A.2 Pre-bid Meeting Details

Date : **31-01-2025 10:00**

Place : **LPSC, Bengaluru**

Location : **80 Feet Road, Indiranagar, HAL 2nd Stage HPO**

Centre :

**LIQUID PROPULSION SYSTEMS CENTRE (LPSC-B),
BANGALORE, KARNATAKA**

Details :

All the vendors should visit LPSC(B) before bidding on the notified date to understand the requirement by visualizing the manual mode of testing at LPSC(B). The offers submitted by parties participating in site visit only will be considered for evaluation.

Vendors interested in site visit may intimate their willingness and furnish details of personnel visiting by sending mail to "purchase@lpsc.gov.in" at least 48 hours prior to site visit scheduled on 31st Jan, 2025 at 10:00 hours.

B. Tender Attachments

Technical Write-up/Drawings

Document : Specification

Instructions To Vendors

2. 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, 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. 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.

10. 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.

11. 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.

12. 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.

13. 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.

14. 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).

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 - Automated Electrical Test Unit

1. Data Acquisition System: Automated Electrical Test Unit. Refer Annexure for detailed specification

Item specifications for Data Acquisition System

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Automated Electrical Test Unit	Refer Annexure for detailed specification	Yes / No / Explain		

Supporting Documents required from Vendor

1. Operation manual, service manual, detailed engineering document, factory acceptance test doc

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	delivery period shall be considered as 6 months from date of PO placement	Yes / No / Explain	
2	This is a Two Part Tender. Do not mention price element in Techno Commercial Bid. If any Price element mentioned in technical bid, your offer will not be considered.	Yes / No / Explain	
3	Goods and Services Tax (GST): Kindly mention percentage of GST considered in your offer along with HSN Code.	Yes / No / Explain	
4	Delivery Terms: FOR LPSC, Bangalore	Yes / No / Explain	
5	Delivery Period: The supply shall be completed within 06 months from the date of receipt of PO or date of issue of FIM (if applicable), whichever is later.	Yes / No / Explain	
6	Payment Terms: 100% payment shall be made within 30 days of receipt and acceptance of the items at our site.	Yes / No / Explain	
7	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 5% of the order value. However, in case of inordinate delay in completion period, LD@10% shall be recovered.	Yes / No / Explain	
8	Warranty: The items shall be warranted for a minimum period of 12 months 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	
9	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.	Yes / No / Explain	

10	<p>Security Deposit (SD): You have to furnish a Bank Guarantee from a Nationalized / Scheduled Bank on non-judicial stamp paper of appropriate value for 3% of the order value within 10 days of receipt of order towards the faithful execution of the order valid till the completion of the scope of work as per order plus sixty days (as claim period).</p> <p>SD shall only be applicable for order value above INR 50.00 Lakhs. SD shall be returned to you immediately on execution of the order satisfactorily as per order terms. In case of non-performance / poor performance, the amount shall be withheld.</p>	Yes / No / Explain	
11	<p>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.</p>	Yes / No / Explain	
12	<p>Free Issue Material (FIM), if applicable: You have to submit Bank Guarantee for a value equivalent to FIM (if applicable) from a Nationalized / Scheduled Bank on non-judicial stamp paper of appropriate value towards issue of FIM. The BG shall be valid till receipt and acceptance of supply and satisfactory accounting of FIM.</p>	Yes / No / Explain	
13	<p>Address, contact details like Telephone Number, e-mail, etc. on which order to be placed.</p>	Yes / No / Explain	
14	<p>Details of Principal: Address, contact details like Telephone Number, e-mail, etc. (if applicable)</p>	Yes / No / Explain	
15	<p>Bank Details: Bank name, Branch address, Account No., IFSC Code, IBAN Number, SWIFT, etc.</p>	Yes / No / Explain	
16	<p>Local Content (%): Please mention the percentage of Local Content and the location where local value addition takes place (Kindly enclose self-certification document)</p>	Yes / No / Explain	
17	<p>MSE Status: Kindly mention the classification under MSE and submit supporting documentation (if applicable)</p>	Yes / No / Explain	
18	<p>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.</p>	Yes / No / Explain	

19	Vendor shall offer Non Comprehensive AMC after expiry of the warranty period for a period of Three years. The scope of the non comprehensive AMC as per Annexure.	Yes / No / Explain	
20	Preventive Maintenance: Half Yearly	Yes / No / Explain	
21	Break down maintenance: Any number of breakdown calls during the contract period without any additional charges. The breakdown visit should cover the following: (a) The party should respond and attend to the problem within 24 hours from the time of intimation by LPSC(B). (b) Checking the system against breakdown. (c) Identify the nature of problem/s. (d) Rectify the identified problem/s and set right the system. (e) Demonstration of satisfactory performance of the system.	Yes / No / Explain	
22	PAYMENT TERMS: Maintenance charges shall be paid half yearly proportionately on completion of each satisfactory service. However, at the end of each service, a Service Report duly signed by contractor, Indentor and duly approved by Indentor Divisional Head shall be obtained from the user division to the effect that the system have been serviced and is working satisfactorily and the certified service report shall be submitted to the Sr. Accounts Officer, LPSC, along with your bill/invoice in duplicate with a copy to Purchase Officer.	Yes / No / Explain	
23	SECURITY DEPOSIT : The party shall submit the security deposit equivalent to 3% of the AMC value till the completion of contract in the form of bank guarantee or either form of negotiable instrument valid for the total AMC period, issued by a nationalized or scheduled bank in the form of Rs. 200 non-judicial stamp paper before commencement of the work in favour of Senior Accounts Officer, LPSC, Bangalore. This security deposit will be returned (interest free) after the successful completion of Annual Maintenance Contract. The security deposit shall have a further claim period of 6 months.	Yes / No / Explain	

24	Maintenance shall be carried out at our premises only. In case any item has to be taken to your premises for repairs, necessary Bank Guarantee for the value of the item shall be furnished, and valid till returning of the item.	Yes / No / Explain	
25	During AMC, in the event of damages to our property or injury to our personnel due to the negligence of your employees, the responsibility shall solely rests with you.	Yes / No / Explain	
26	Arbitration: In the event of dispute or difference arising out of or in connection with this purchase order/contract, which cannot be resolved through amicable settlement by mutual consultation, the same shall be settled under the Rules of Arbitration & Conciliation act 1996 under the Indian statute only, whose decision shall be final and binding on both the parties.	Yes / No / Explain	
27	Jurisdiction: The Courts in and around the City of Bangalore alone shall have jurisdiction to deal with and decide any matter or dispute whatsoever arising out of this agreement including those arising under the Arbitration Act.	Yes / No / Explain	
28	Force Majeure: Neither LPSC, Bangalore nor Supplier shall be consider in default of the performance of their obligations under this PO if such performance is prevented or delayed for any cause beyond reasonable control of the parties to the order getting affected such as Acts of God, War, Riots, Civil Commotion, Illegal Strikes, Legal Lock-outs, Epidemics, Fire Accidents, Floods, Earthquakes, Proclamation or Regulation or Ordinance of any Government Thereof provide notice in writing of any such cause with necessary proof that the obligation under the PO is hereby affected or prevented or delayed is given within 14 days from happening of the event.	Yes / No / Explain	

29	Fall Clause: The rate changed for the work/ supply shall in no event exceed the lowest rates for the similar work/ supply to any other party during the period of the contract. If at any time during stipulated time period, reduction on the charges for similar work/supply to other customer extended by you, shall forthwith notify to the Purchase and Store Division, rate payable under the contract after the rate , coming into force of such reduction shall stand correspondingly reduced & refunded to us	Yes / No / Explain	
30	Down-Time Compensation: In case the break-down are not attended to in time, i.e., within 24 hrs. of our intimation, down-time compensation at the rate of 0.5% of the Annual Maintenance charges per day shall be recovered from you subject to a maximum of 5% of the Contract value.	Yes / No / Explain	
31	Penalty Clause: In case service provider fails to complete the required work hours specified/month by the focal point, down time compensation @ 0.5% of cost of the non-completed work hours will be recovered per week. The quantum of down time compensation to be recovered will be decided by the service receiver after assessing the quantum of work hours not completed and the decision will be final and binding on the service provider.	Yes / No / Explain	
32	Name and Address of vendor/firm/company/establishment on which PO shall be placed in case of Order.	Yes / No / Explain	
33	Income tax at applicable rates shall be deducted at source.	Yes / No / Explain	
34	Any other terms & conditions.	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
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1	Data Acquisition System: Automated Electrical Test Unit. Refer Annexure for detailed specification	1.00 Nos.		-		
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Common charges (Applicable for all items)

Installation & Configuration	
Other Costs, if any (Value)	
Taxes, if any (Percentage)	