

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

**Tender for Development of Additive Manufacturing parts for  
Spacecraft Propulsion System**

**Bids to be submitted online**

**Tender No.: LPSC-B/Liquid Propulsion Systems  
Centre,Bengaluru/LB202400012301 dated 28-05-2024**

## A. Tender Details

Tender No :	<b>LPSC-B/Liquid Propulsion Systems Centre,Bengaluru/LB202400012301</b>
Tender Date :	<b>28-05-2024</b>
Tender Classification:	<b>GOODS</b>
Purchase Entity :	<b>Liquid Propulsion Systems Centre,Bengaluru</b>
Centre :	<b>LIQUID PROPULSION SYSTEMS CENTRE (LPSC-B)</b>

## Development of Additive Manufacturing parts for Spacecraft Propulsion System

Development of Additive Manufacturing parts for Spacecraft Propulsion System

### A.1 Tender Schedule

Bid Submission Start Date :	<b>28-05-2024 14:30</b>
Bid Clarification Due Date :	<b>25-06-2024 14:00</b>
Bid Submission Due Date :	<b>09-07-2024 14:00</b>
Bid Opening Date :	<b>09-07-2024 14:30</b>
Price Bid Opening Date :	<b>23-07-2024 15:00</b>

## B. Tender Attachments

NA

## C. Bid Templates

### C.1 Technical Bid - Development of Additive Manufacturing parts for Spacecraft Propulsion System

#### 1. Additive Manufacturing - Development of AM parts (Tee Joints and Integral Mounting Stand Off) for Spacecraft Propulsion System

##### Item specifications for Additive Manufacturing

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Development of Additive Manufacturing Parts for Spacecraft Propulsion System	As per RFP	Yes / No / Explain		

[Document : Request For Proposal \(RFP\) Document](#)

[Document : Compliance matrix](#)

[Document : Price bid](#)

##### Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Development of Additive Manufacturing Parts for Spacecraft Propulsion System	As per RFP	Yes / No / Explain		

##### Supporting Documents required from Vendor

#### 1. Price bid (Price Bid Related)

## 2. Compliance Matrix

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	As mentioned in RFP	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	GST: Kindly mention exact percentage of GST (HSN Code, if applicable) GST concessional rate @ 5% is applicable for the following goods mentioned under Sl. No. 243B as per Department of Revenue Notification No. 07/2018: "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" Kindly mention the nature of Goods.	Yes / No / Explain	
4	P & F charges: Please mention % of Packing & Forwarding charges (if applicable)	Yes / No / Explain	
5	Payment Term: - 100% payment shall be made within 30 days of receipt and acceptance of the items at our site.	Yes / No / Explain	
6	Delivery Period: Delivery schedule as per Clause No. 4.0 of Request for Proposal (RFP) documents.	Yes / No / Explain	
7	Liquidated Damages (LD): Since delivery is the essence of this order, LD @ 0.5% per week or part thereof subject to a maximum of 10% of the order value of undelivered Stores for each calendar week of delay. The total liquidated damages shall not exceed ten percent (10 percent) of the contract price of the unit or units so delayed.	Yes / No / Explain	

8	Performance Bank Guarantee (PBG) : You have to submit a PBG from a Nationalised / Scheduled Bank in Rs. 200/- Stamp Paper for 3% of the order value towards the performance of the system at the time of supply valid till the completion of warranty period plus 60 days (as claim period) as per the format provided by the Department. OR 3% of the order value shall be with held till the completion of Warranty Period plus 60 days.	Yes / No / Explain	
9	Security Deposit (SD): You have to furnish a Bank Guarantee from a Nationalised / Scheduled Bank in Rs. 200/- Stamp Paper 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). (This will be returned to you immediately on execution of the order satisfactorily as per order terms. In case of non-performance / poor performance, the amount will be forfeited).	Yes / No / Explain	
10	Security Deposit cum Performance Bank Guarantee (SD cum PBG): In case, if parties are unable to provide two separate BGs i.e. one for SD and one for PBG, they can submit a combined BG for SD cum PBG from a Nationalised / Scheduled Bank in Rs.200/- Stamp Paper within 10 days of receipt of order for 3% of order value valid till the completion of total contractual obligation (i.e. supply period plus warranty period plus 60 days) as per the format provided by the Department.	Yes / No / Explain	
11	Freight charges: If any, mentioned as EXTRA OR INCLUDED in your quote, please mention the percentage in Vendor Terms.	Yes / No / Explain	
12	Installation Charges: If any, mentioned as EXTRA OR INCLUDED in your quote, please mention the percentage in Vendor Terms.	Yes / No / Explain	
13	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	

14	Validity of Offer: (a) The validity of the offers should be 120 days from the date of opening of the tenders. NOTE: Tenders validity period shorter than offer validity mentioned above will not be considered for evaluation.	Yes / No / Explain	
15	Warranty: Warranty for the offered item shall be from the date of installation/acceptance of the item at our site for a minimum period of one year or as specified in the tender document	Yes / No / Explain	
16	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	
17	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	
18	Force Majeure: Neither LPSC, Bangalore nor party shall be considered in default of the performance of their obligations under this Purchase Order if such performance is prevented or delayed for any causes beyond the 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, fore accidents of any Government thereof, provided notice in writing of any such cause with necessary proof that the obligation under the Purchase Order is hereby affected or prevented or delayed is given within 14 days from the happening of the event. As soon as the cause of force majeure has ceased to exist, the party whose ability to perform his obligation has been affected shall notify the other party of the actual delay that has occurred due to such force majeure condition.	Yes / No / Explain	
19	Address, contact details like Telephone Number, Fax, e-mail etc., on which order to be placed.	Yes / No / Explain	

20	Details of Principal:Address, contact details like Telephone Number, Fax, e-mail etc., (if applicable)	Yes / No / Explain	
21	You shall provide suppliers bank details such as name of the bank, IFSC code, IBAN Number, SWIFT etc., along with your offer which shall be not be changed till completion of payment.	Yes / No / Explain	
22	Offers received through fax or email or unsigned will not be considered.	Yes / No / Explain	
23	Price Preference shall be extended to the MSEs under the Public Procurement Policy for MSEs. Such MSEs shall produce documentary proof of registration as per provisions of the Policy ie: 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.	Yes / No / Explain	
24	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 dt. 15.06.2017, which is partially modified by Order No. P-45021/2/2017-PP(BE-II) dt. 28.05.2018, Order No.P-45021/2/2017-PP(BE-II)dt. 29.05.2019, Order No. P-45021/2/2017-PP (BE-II) dt 04.06.2020 and Order No.P-45021/2/2017-PP (BE-II) dt 16.09.2020 and subsequent Amendments issued by the Department for Promotion of Industries and Internal Trade, Ministry of Commerce and Industry and Internal Trade, 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. Therefore, bidders may ensure compliance of the same while submitting tenders.	Yes / No / Explain	
25	Delivery Terms: LPSC, BANGALORE.	Yes / No / Explain	
26	Local Content in % and location where local value addition takes place	Yes / No / Explain	



27	Any Other Terms:	Yes / No / Explain	
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### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	Additive Manufacturing - Development of AM parts (Tee Joints and Integral Mounting Stand Off) for Spacecraft Propulsion System	1.00 Lot		-		

### Common charges (Applicable for all items)

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