

**GOVERNMENT OF INDIA  
DEPARTMENT OF SPACE  
LIQUID PROPULSION SYSTEMS CENTRE, VALIAMALA (LPSC)  
THIRUVANANTHAPURAM**

**Tender for Supply rate contract for computer hardware spares**

**Bids to be submitted online**

**Tender No.: LPSC/LVF/LP202400101701 dated 25-11-2024**

## A. Tender Details

Tender No :	<b>LPSC/LVF/LP202400101701</b>
Tender Date :	<b>25-11-2024</b>
Tender Classification:	<b>GOODS</b>
Purchase Entity :	<b>LVF</b>
Centre :	<b>LIQUID PROPULSION SYSTEMS CENTRE, VALIAMALA (LPSC)</b>

### Supply rate contract for computer hardware spares

For and on behalf of the President of India, the Head, Purchase and Stores, Liquid Propulsion Systems Centre (LPSC), Valiamala , Thiruvananthapuram invites tenders through e-procurement mode; <https://eproc.isro.gov.in>.

Prospective vendors interested in participating in the tendering process need to get registered in the portal by using Digital Signature Certificate. Offers submitted through our online portal only will be considered and no other means will be considered.

Detailed instruction, pre-requisites and illustrative tutorials for bid enrollment, preparation etc. are available in the portal at <https://eproc.isro.gov.in>. A help desk is also functioning to assist the vendors whose contact details are available in the portal.

#### A.1 Tender Schedule

Bid Submission Start Date :	<b>25-11-2024 18:04</b>
Bid Clarification Due Date :	<b>28-11-2024 10:00</b>
Bid Submission Due Date :	<b>10-12-2024 14:30</b>
Bid Opening Date :	<b>10-12-2024 14:30</b>

## **B. Tender Attachments**

### **Technical Write-up/Drawings**

**Document : Specificaion sheet**

**Document : Item wise split up**

**Document : ATC**

### **Instructions To Vendors**

## C. Bid Templates

### C.1 Technical Bid - Supply rate contract for computer hardware spares

#### 1. MOTHERBOARD (H61 chipset mother board for intel core i5, 3rd Generation processor )

##### Item specifications for MOTHERBOARD

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Specification	H61 chipset mother board for intel core i5, 3rd Generation processor with 2xDDR3 RAM Slots processor socket LGA1155, minimum 4 USB Ports, 2xSATA Slots ,1xPCIEX16 and 1xHDMI Warranty one year	Yes / No / Explain		

#### 2. MOTHERBOARD( H81 chipset mother board for intel core i5, 4th Generation processor )

##### Item specifications for MOTHERBOARD

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Specification	H81 chipset mother board for intel core i5, 4th Generation processor with 2xDDR3 RAM Slots, processor socket LGA1150 ,minimum 4 USB Ports, 2xSATA Slots ,1xPCIEX16 and 1xHDMI Warranty one year	Yes / No / Explain		

#### 3. MOTHERBOARD ( H110 chipset mother board for intel core i5, 7th Generation processor )

##### Item specifications for MOTHERBOARD

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Specification	H110 chipset mother board for intel core i5, 7th Generation processor with 2xDDR4 RAM Slots processor socket LGA1151, minimum 4 USB Ports, 2xSATA Slots ,1xPCIEX16 and 1xHDMI Warranty one year	Yes / No / Explain		

#### 4. MOTHERBOARD (H310 chipset mother board for intel core i5, 9th Generation processor )

##### Item specifications for MOTHERBOARD

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	specification	H310 chipset mother board for intel core i5, 9th Generation processor with 2xDDR4 RAM Slots, processor socket LGA1151, minimum 4 USB Ports, 2xSATA Slots ,1xPCIEX16 and 1xHDMI Warranty one year	Yes / No / Explain		

#### 5. MOTHERBOARD(H510 chipset mother board for intel core i5, 10th Generation processor)

#### 6. DDR III MEMORY ( 4 GB DDR3 )

##### Item specifications for DDR III MEMORY

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	DDR3 4 GB	RAM size : 4 GB, Desktop computer memory Frequency : 1333MHz or 1600 Computer Memory Type : DDR3 SDRAM Form Factor : DIMM	Yes / No / Explain		
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## 7. DDR-SDRAM ( 8GB DDR4 )

### Item specifications for DDR-SDRAM

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	8GB DDR4	RAM size : RAM 8GB DDR4 Desktop computer memory Frequency : 3200MHz or 2933MHz or 2666MHz Computer Memory Type : DDR4 SDRAM Form Factor : DIMM	Yes / No / Explain		

## 8. HARD DISK ( 2 TB SATA HDD, 7200 RPM,3.5" )

### Item specifications for HARD DISK

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	2 TB SATA hard disk	Hard Drive Size : 2 TB SATA Hard Disk Description : Mechanical Hard Disk Hard Drive Interface : eSATA Hard Disk Rotational Speed : 7200 RPM Form Factor : 3.5"	Yes / No / Explain		

## 9. HARD DISK ( 1 TB SATA HDD, 7200 RPM,3.5" )

### Item specifications for HARD DISK

SI No	Specification	Value	Compliance	Offered Specification	Remark
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1	1 TB SATA Hard disk	Hard Drive Size : 1 TB SATA Hard Disk Description : Mechanical Hard Disk Hard Drive Interface : eSATA Hard Disk Rotational Speed : 7200 RPM Form Factor : 3.5"	Yes / No / Explain		
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## 10. SMPS ( 250 Watts SMPS for Tower type desktop computers ATX )

### Item specifications for SMPS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	SMPS for desktop computers	250 /400 Watts SMPS for Tower type desktop ATX Computers Compliant with ATX 12V. • 20/24 pin Main Power Connector. • Supports Multi-Core CPU.(Intel/AMD) •Supports Serial ATA (SATA) Interface-3 Connectors • Support Power Protections •. Over Current. (OCP) •. Over Voltage. (OVP) •. Short-Circuit (SCP) • Cooling fan, 1.5 Meter power Cable free	Yes / No / Explain		

## 11. 22' LED MONITOR (LED Monitor size 21.5" IPS pannel. with full HD (16:9) )

### Item specifications for 22' LED MONITOR

SI No	Specification	Value	Compliance	Offered Specification	Remark

1	21.5" LED monitor	LED Monitor size 21.5" IPS panel. with full HD (16:9),1920x1080, Viewing Angle :178 Degree, Image brightness: 250 cd/m2,Color depth : 16.7 millions colors, Image contrast ratio : 1000:1. Input HDMI	Yes / No / Explain		
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## 12. CABINET WITH SMPS (ATX Cabinet with SMPS )

### Item specifications for CABINET WITH SMPS

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	CABINET WITH SMPS	Desktop Computer Cabinet Support Full ATX Motherboard, power button, reset button, front USB interface ,hard disk and DVD bay, Power HDD LED , Indian standard power cord, 1 x 8 cm Fan with 400W Power Supply and accessories	Yes / No / Explain		

## 13. HARD DISK -SSD ( 512 GB SSD,2.5" )

### Item specifications for HARD DISK -SSD

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	512 GB SSD	512 GB 2.5-inch SATA III Internal SSD with High Transfer Speeds ,3D NAND Flash Technology	Yes / No / Explain		

## 14. ETHERNET ADAPTER (PCIe network interface card )

### Item specifications for ETHERNET ADAPTER

SI No	Specification	Value	Compliance	Offered Specification	Remark



1	PCIe Network Interface Card	1 Gigabit PCI Express Network Adapter ,10/100/1000 Mbps RJ45 Port, IEEE 802.3X Flow Control, Windows 11/10 supported , PCIe Ethernet Card	Yes / No / Explain		
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### 15. CPU (CPU Cooling fan )

#### Item specifications for CPU

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	CPU cooling fan	120 mm intel Processor cooling Fan for ATX motherboard with PWM Sharing Technology (PST), Quiet Motor, Computer, Fan Speed: 200-1800 RPM	Yes / No / Explain		

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

SI No	Specification	Value	Compliance	Offered Specification	Remark

1	Terms and conditions	<p>(1) All the spare parts should have minimum 1 year onsite guarantee or If OEM providing warranty more than one year same shall be warranty</p> <p>(2) Delivery period: within 3 working days after the receiving each supply order , during the contract period.</p> <p>(3) MII clause : Minimum 20 % ( Self declaration to be attached)</p> <p>(4) The manufacturing year of the spares you are supplying should be minimum 2023 or higher</p> <p>(5) The offered rates of spares shall be firm and fixed during the contract period (2 years) and no escalation in prices shall be allowed in this period. Rates are inclusive of GST</p>	Yes / No / Explain		
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### Supporting Documents required from Vendor

**1. Proposed products data sheet for all the items**

**2. Item wise split up cost for all items**

**3. MII certificate**

**4. ATC ( Annexure-3) acceptance self declaration**

**5. Technical Compliance sheet**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	The supplier should supply hardware spares listed in the tender only against the supply order by the LPSC during the two year contract period ( item and quantity as per the supply order only).	Yes / No / Explain	
2	As per the Rule 144(xi) of General Financial Rule ,2017, any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy service and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the competent authority ie., Department for Promotion of Industry and Internal Trade (DPIIT). Hence, Vendors or Agents of a Vendor (Indian or others) from a country sharing border with India shall submit copy of valid registration made with Department for Promotion of Industry and Internal Trade (DPIIT), Government of India along with the tender mandatorily, without which the offer will be treated as invalid.	Yes / No / Explain	
3	Whether applicable GST percentage mentioned in your offer.(We are eligible for IGST @ 5% as per the Department of Revenue Notification No. 25/2018 Integrated Tax (Rate) Schedule-I; Sl.No.243B dated 31.12.2018 (Amendment to Notification No. 7/2018 - Integrated Tax (Rate) dated 25.01.2018 and Notification No. 1/2017 - Integrated Tax (Rate) dated 28.06.2017 ) (If mentioned as EXTRA OR INCLUDED in your quote, please mention the percentage in Remarks Column).	Yes / No / Explain	

4	ISRO is eligible for Customs Duty Concession vide Notification No.12/2012-Customs dated 17.03.2012. and Notification No. 50/2017-customs dtd 30.06.2017 [We will provide Customs Duty Concession Certificate for bought out items being imported for manufacturing the ordered items (List of items to be imported with quantities to be enclosed along with offer) OR for Orders placed on Foreign Vendors OR for High Sea Sale orders.]	Yes / No / Explain	
5	Installation Charges, if any, (If mentioned as EXTRA OR INCLUDED in your quote, please mention the percentage in Remarks Column).	Yes / No / Explain	
6	Delivery Term :- FOR : LPSC, VALIAMALA In case of Foreign orders, FOB or FCA.  If "NO" specify the exact delivery term with relevant details in remarks column	Yes / No / Explain	
7	Delivery Period (If any specific delivery period is mentioned in the tender, please comply the same. If not agreed, please mention your delivery period in remarks column OR if already mentioned in your quote please mention as already furnished in the quote)	Yes / No / Explain	
8	Payment Term :- (a)100% payment shall be made through RTGS within 30 days of receipt and acceptance of the item at our site. (b)In case of Foreign orders, Payment term shall be SIGHT DRAFT / 80% BY IRREVOCABLE LETTER OF CREDIT AND BALANCE 20% BY WIRE TRANSFER AFTER RECEIPT & ACCEPTANCE OF THE ORDERED ITEM.	Yes / No / Explain	

9	Liquidated Damages (LD) :- If the ordered items are not supplied within the delivery schedule, LD shall be levied from your bill @ 0.5% per week for the undelivered items subject to a maximum of 5% of the order value for the delayed period. However in case of inordinate delay i.e, delays of more than one-fourth (25%) of the total completion period, LD shall be applicable subject to a maximum of 10%.	Yes / No / Explain	
10	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 years or as specified in the tender document.	Yes / No / Explain	
11	Security Deposit (SD) :- (only for order value above Rs.50 Lakh) You have to furnish a Bank Guarantee for 3% of the order value (from a bank of international repute in case of foreign vendors) 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. (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	
12	Performance Bank Guarantee (PBG) :- You have to submit a PBG from a Nationalised / Scheduled Bank (from a bank of international repute incase of foreign vendors) 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 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	

13	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 & PBG 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	
14	Insurance :- Being a Govt. Of India Dept., 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	
15	Validity of Offer :-  (a)The validity of the offers should be 90 days (in case of single part tender) from the date of opening of the tenders. (b)The validity of the offers should be 120 days (in case two part tender) from the date of opening of the tenders.  Note :- Tenders shorter than offer validity mentioned above will not be considered for evaluation.	Yes / No / Explain	
16	Bank Details, viz., Bank Name, Branch, Address, Account No., IFSC (Details to be given in Vendor Terms Column)	Yes / No / Explain	
17	PAN No. (Details to be furnished in Vendor Terms Column)	Yes / No / Explain	
18	GST No. (Details to be given in Vendor Terms Column)	Yes / No / Explain	
19	Purchase Order to be placed on whom (Please mention the Address, Phone No. & E-mail id )	Yes / No / Explain	
20	HSN Code of offered items	Yes / No / Explain	
21	Local content involved in the quoted item shall be declared/ certified in percentage.	Yes / No / Explain	
22	Furnish the details of place(s) where the value addition for the quoted item takes place.	Yes / No / Explain	
23	State whether MSE or not. If yes, please provide the necessary documentary proof	Yes / No / Explain	

### C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Other Costs, if any	Remark
1	MOTHERBOARD (H61 chipset mother board for intel core i5, 3rd Generation processor )	1.00 Nos.		-			
2	MOTHERBOARD ( H81 chipset mother board for intel core i5, 4th Generation processor )	1.00 Nos.		-			
3	MOTHERBOARD ( H110 chipset mother board for intel core i5, 7th Generation processor )	1.00 Nos.		-			
4	MOTHERBOARD (H310 chipset mother board for intel core i5, 9th Generation processor )	1.00 Nos.		-			
5	MOTHERBOARD(H510 chipset mother board for intel core i5, 10th Generation processor)	1.00 Nos.		-			
6	DDR III MEMORY ( 4 GB DDR3 )	1.00 Nos.		-			
7	DDR-SDRAM ( 8GB DDR4 )	1.00 Nos.		-			

8	HARD DISK ( 2 TB SATA HDD, 7200 RPM,3.5" )	1.00 Nos.		-			
9	HARD DISK ( 1 TB SATA HDD, 7200 RPM,3.5" )	1.00 Nos.		-			
10	SMPS ( 250 Watts SMPS for Tower type desktop computers ATX )	1.00 Nos.		-			
11	22' LED MONITOR (LED Monitor size 21.5" IPS pannel. with full HD (16:9) )	1.00 Nos.		-			
12	CABINET WITH SMPS (ATX Cabinet with SMPS )	1.00 Nos.		-			
13	HARD DISK -SSD ( 512 GB SSD,2.5" )	1.00 Nos.		-			
14	ETHERNET ADAPTER (PCIe network interface card )	1.00 Nos.		-			
15	CPU (CPU Cooling fan )	1.00 Nos.		-			

**Common charges (Applicable for all items)**

<b>Additional Costs, if any</b>	
<b>Additional Costs, if any (Value)</b>	