

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

**Tender for Lathe tools for work shop at MTRL**

**Bids to be submitted online**

**Tender No.: LPSC/LVF/LP202500030501 dated 22-03-2025**

## A. Tender Details

Tender No :	<b>LPSC/LVF/LP202500030501</b>
Tender Date :	<b>22-03-2025</b>
Tender Classification:	<b>GOODS</b>
Purchase Entity :	<b>LVF</b>
Centre :	<b>LIQUID PROPULSION SYSTEMS CENTRE, VALIAMALA (LPSC)</b>

### Lathe tools for work shop at MTRL

For and on behalf of the President of India, the Head, Purchase & 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. 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. A help desk is also functioning to assist the vendors whose contact details are available in the portal.

EGPS helpdesk

email id: [eproc@vssc.gov.in](mailto:eproc@vssc.gov.in)

Ph No: 0471 256 5454/4162

### A.1 Tender Schedule

Bid Submission Start Date :	<b>22-03-2025 14:36</b>
Bid Clarification Due Date :	<b>28-03-2025 12:00</b>
Bid Submission Due Date :	<b>18-04-2025 14:30</b>
Bid Opening Date :	<b>18-04-2025 14:35</b>

## **B. Tender Attachments**

NA

## **C. Bid Templates**

### **C.1 Technical Bid - Lathe tools for work shop at MTRL**

**1. Boring bar- Right Hand Boring Bar Dia 25 mm,D minimum 32, OAL 300mm to suit CNMG120408, ISO code: S25TPCLNR12F3**

**2. Tool Holder- "External Turning Tool Holder, Shank Size 25 x 25 mm, Right Hand to suit CNMG120408 insert, ISO Code:PCLNR2525M12**

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**3. Tool Holder- Turning Tool Holder Shank size 25x25mm, OAL 150mm, Right Hand to suit CNMG120408 insert , ISO Code: PCBNR2525M12**

**4. Inserts- Rough Turning insert for Stainless Steel,Corner Radius 0.8 mm, ISO code CNMG120408**

**5. Inserts- Finish Turning insert for Stainless Steel, Corner Radius 0.8 mm, ISO code CNMG120408**

**6. Boring bar- Right Hand Boring Bar Dia 16mm, D minimum 20mm, OAL 200mm to suit CCMT09T304 insert, ISO code: S16RSCLCR09T3**

**7. Inserts- Finish Turning insert for Stainless Steel, Corner Radius 0.8 mm, ISO code: CCMT09T308**

8. Boring bar- Right Hand Boring Bar Dia 12mm, D Min16mm, OAL 150mm, to suit CCMT060204 insert , ISO Code: S12MSCLCR06F3
  
9. Boring bar- Right Hand Boring Bar Dia -8mm, D min 11mm, OAL 100mm to suit CCMT060204 insert, ISO Code: S08HSCLCR06F3
  
10. Inserts- Finish Turning insert for Stainless Steel ,Corner Radius 0.4 mm, ISO code: CCMT060204
  
11. PARTING TOOLS holders- Right hand Parting Tool Holder Shank size 25X25mm, Cutting Depth 16.5 mm,Tool Length 150 mm, Insert Size 2
  
12. Inserts- Parting Tool Insert for Stainless steel, Insert Size 2, Cutting Width 2 mm, Corner Radius 0.08 mm.
  
13. Tool Holder- Right hand Parting Tool Holder Shank size 25X25mm, Cutting Depth 22 mm,Tool Length 150 mm,Insert Size 3
  
14. Inserts- Parting Tool Insert for Stainless steel, Insert Size 3, Cutting Width 3 mm, Corner Radius 0.17 mm
  
15. Tool Holder- External Right Hand Threading Tool Holder Shank Size 25x25 mm
  
16. Threading inserts- External Threading Insert for Stainless steel, pitch 0.5 to 1.5mm to suit the above Threading Tool Holder Shank
  
17. Threading inserts- External Threading Insert for Stainless steel, Partial form Thread 1.75 to 3

**Pitch to suit the above Threading Tool Holder Shank**

**18. Boring bar- Boring Bar,Minimum Bore Diameter 11.5 mm, shank Dia 10mm, Tool Length 125 mm**

**19. Inserts- Insert for Stainless steel suitable for above boring Bar**

**20. Tool Holder- Right hand Internal Threaing Tool holder Dia-16mm, D min 20mm,OAL-150.**

**21. Tool Holder- Right hand Internal Threading Tool Holder Dia 20 mm,Dmin-26mm, OAL 170mm,**

**22. Inserts - Internal Threading Insert for Stainless steel pitch 0.5 to 1.5mm for the above Internal Threading Tool Holder**

**23. Threading inserts- "Internal Threading Insert pitch 1.75 to 3. for the above Internal Threading Tool Holder**

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**24. Tool Holder- Internal Grooving Tool Holder Dia 12 mm, D Min 18.5 mm, OAL 150 mm,Insert Size 2mm.**

**25. Turning inserts- "Grooving & Turning insert for the above grooving Holder,Insert Size 2, Cutting Width 2 mm,Corner Radius 0.2mm. Max cutting Depth -5mm**

**"**

**26. TAP SET- TAP SET set of 3, HSS-E grade (M3, M4, M5, M6, M8, M10 and M12)- 2 Each**

**27. TAP SET - Tap wrench suitable for above taps- 2 Each**

**Supporting Documents required from Vendor**

**1. Manufacturer authorization form**

**2. Self declaration for Make In India as per Gol guidelines**

5 additional documents can be uploaded by the vendor

## C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	Properly packed.	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.	Yes / No / Explain	
4	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	
5	Delivery Period (30 days from the date of receipt of order)	Yes / No / Explain	
6	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	

7	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	
8	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	
9	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	
10	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	
11	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	



12	Bank Details, viz., Bank Name, Branch, Address, Account No., IFSC (Details to be given in Vendor Terms Column)	Yes / No / Explain	
13	PAN No. (Details to be furnished in Vendor Terms Column)	Yes / No / Explain	
14	GST No. (Details to be given in Vendor Terms Column)	Yes / No / Explain	
15	Purchase Order to be placed on whom (Please mention the Address, Phone No. & E-mail id )	Yes / No / Explain	
16	HSN Code of offered items	Yes / No / Explain	
17	Local content involved in the quoted item shall be declared/ certified in percentage.	Yes / No / Explain	
18	Furnish the details of place(s) where the value addition for the quoted item takes place.	Yes / No / Explain	
19	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	Boring bar- Right Hand Boring Bar Dia 25 mm,D minimum 32, OAL 300mm to suit CNMG1204 08, ISO code: S25TPCLN R12F3	2.00 Nos.		-			

2	Tool Holder- "External Turning Tool Holder, Shank Size 25 x 25 mm, Right Hand to suit CNMG1204 08 insert, ISO Code:PCLN R2525M12 "	2.00 Nos.		-			
3	Tool Holder- Turning Tool Holder Shank size 25x25mm, OAL 150mm, Right Hand to suit CNMG1204 08 insert , ISO Code: PCBNR252 5M12	2.00 Nos.		-			
4	Inserts- Rough Turning insert for Stainless Steel, Corner Radius 0.8 mm, ISO code CNMG1204 08	30.00 Nos.		-			
5	Inserts- Finish Turning insert for Stainless Steel, Corner Radius 0.8 mm, ISO code CNMG1204 08	30.00 Nos.		-			

6	Boring bar- Right Hand Boring Bar Dia 16mm, D minimum 20mm, OAL 200mm to suit CCMT09T3 04 insert, ISO code: S16RSCLC R09T3	2.00 Nos.					
7	Inserts- Finish Turning insert for Stainless Steel, Corner Radius 0.8 mm, ISO code: CCMT09T3 08	20.00 Nos.					
8	Boring bar- Right Hand Boring Bar Dia 12mm, D Min16mm, OAL 150mm, to suit CCMT0602 04 insert , ISO Code: S12MSCLC R06F3	2.00 Nos.					
9	Boring bar- Right Hand Boring Bar Dia -8mm, D min 11mm, OAL 100mm to suit CCMT0602 04 insert, ISO Code: S08HSCLC R06F3	2.00 Nos.					

10	Inserts-Finish Turning insert for Stainless Steel ,Corner Radius 0.4 mm, ISO code: CCMT0602 04	30.00 Nos.		-			
11	PARTING TOOLS holders-Right hand Parting Tool Holder Shank size 25X25mm, Cutting Depth 16.5 mm, Tool Length 150 mm, Insert Size 2	2.00 Nos.		-			
12	Inserts-Parting Tool Insert for Stainless steel, Insert Size 2, Cutting Width 2 mm, Corner Radius 0.08 mm.	20.00 Nos.		-			
13	Tool Holder-Right hand Parting Tool Holder Shank size 25X25mm, Cutting Depth 22 mm, Tool Length 150 mm, Insert Size 3	2.00 Nos.		-			

14	Inserts-Parting Tool Insert for Stainless steel, Insert Size 3, Cutting Width 3 mm, Corner Radius 0.17 mm	20.00 Nos.		-			
15	Tool Holder-External Right Hand Threading Tool Holder Shank Size 25x25 mm	2.00 Nos.		-			
16	Threading inserts-External Threading Insert for Stainless steel, pitch 0.5 to 1.5mm to suit the above Threading Tool Holder Shank	10.00 Nos.		-			
17	Threading inserts-External Threading Insert for Stainless steel, Partial form Thread 1.75 to 3 Pitch to suit the above Threading Tool Holder Shank	10.00 Nos.		-			
18	Boring bar-Boring Bar, Minimum Bore Diameter 11.5 mm, shank Dia 10mm, Tool Length 125 mm	2.00 Nos.		-			

19	Inserts- Insert for Stainless steel suitable for above boring Bar	10.00 Nos.		-			
20	Tool Holder- Right hand Internal Threaing Tool holder Dia-16mm, D min 20mm,OAL -150.	2.00 Nos.		-			
21	Tool Holder- Right hand Internal Threading Tool Holder Dia 20 mm,Dmin- 26mm, OAL 170mm,	2.00 Nos.		-			
22	Inserts - Internal Threading Insert for Stainless steel pitch 0.5 to 1.5mm for the above Internal Threading Tool Holder	10.00 Nos.		-			
23	Threading inserts- "Internal Threading Insert pitch 1.75 to 3. for the above Internal Threading Tool Holder "	10.00 Nos.		-			

24	Tool Holder- Internal Grooving Tool Holder Dia 12 mm, D Min 18.5 mm, OAL 150 mm, Insert Size 2mm.	2.00 Nos.		-			
25	Turning inserts- "Grooving & Turning insert for the above grooving Holder, Inse rt Size 2, Cutting Width 2 mm, Corner Radius 0.2mm. Max cutting Depth - 5mm "	10.00 Nos.		-			
26	TAP SET- TAP SET set of 3, HSS-E grade (M3, M4, M5, M6, M8, M10 and M12)- 2 Each	14.00 Nos.		-			
27	TAP SET - Tap wrench suitable for above taps- 2 Each	14.00 Nos.		-			

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

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