

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
ISRO PROPULSION COMPLEX (IPRC)
MAHENDRAGIRI**

**Tender for Supply, Installation and Commissioning of Horizontal Arm
Type Manually Operated LMM - Length Marking/Measuring Machine
with gauge blocks**

Bids to be submitted online

Tender No.: IPRC/PURGP2/IP202200038001 dated 22-06-2022

A. Tender Details

Tender No : **IPRC/PURGP2/IP202200038001**

Tender Date : **22-06-2022**

Tender Classification: **GOODS**

Purchase Entity : **PURGP2**

Centre : **ISRO PROPULSION COMPLEX (IPRC)**

Supply, Installation and Commissioning of Horizontal Arm Type Manually Operated LMM - Length Marking/Measuring Machine with gauge blocks

1. Kindly read all the instructions before quoting.
2. Foreign vendors are not permitted to quote.
3. Only Class-I and Class-II Local suppliers as per Make in India Policy are eligible to participate in the bid.
 - a. The percentage of local content should be specifically mentioned in the offer, without which it will be summarily rejected.
 - b. Preference will be given to Class-I Local Supplier and in their absence, Class-II Local Supplier will be considered.
4. Last minute clarification on tenders will not be entertained.
5. This is an E-Tender. Hence Postal/Fax/Email tenders will not be accepted.
6. Acceptance of Guarantee / Warranty, PBG, SD & LD are mandatory. Quotations not accepting these conditions will not be considered.

A.1 Tender Schedule

Bid Submission Start Date : **22-06-2022 17:00**

Bid Clarification Due Date : **08-07-2022 12:00**

Bid Submission Due Date : **14-07-2022 14:00**

Bid Opening Date : **14-07-2022 14:15**

B. Tender Attachments

Technical Write-up/Drawings

Document : Pre-Qualification Criteria for Bidders

Instructions To Vendors

2. STANDARD TERMS AND CONDITIONS (DOS PM:19)

1.

a. Prices are required to be quoted according to the units indicated in the annexed tender form. When quotations are given in terms of units other than those specified in the tender form, relationship between the two systems of unit must be furnished.

2. Arbitration in the event of any dispute or difference arising under these terms & conditions or any condition contained in the Purchase Order or in connection with this Contract. (except as to any matter the decision of which is specially provided for by these conditions), the same shall be referred to the sole arbitration of the Head of the Purchase Office or of some other person appointed by him, and the dispute further processed in terms of the Arbitration & Conciliation Act, 1996. There will be no objection that the arbitrator is a Government Servant that he had to deal with matter which the Contract relates to or that in the course of his duties as Government Servant has expressed views on all or any of the matters in dispute or difference. The award of the arbitrator shall be final and binding on the parties of this Contract.

3. 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 services 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.

4. b. Corrections, if any, in the quotation must be attested. All amounts shall be indicated both in

words as well as in figures. When there is difference between the amount quoted in words and figures, the amount quoted in words shall prevail.

5. GST/ other duties/levies, where legally leviable and intended to be claimed, should be distinctly shown separately in the tender.

6. Guarantee: The stores offered should be guaranteed for a minimum period of twelve months against defective stores design, operation or manufacture. For defects noticed during the guarantee period, replacement/repair should be arranged free of cost within a reasonable period of such notification. In cases where our specifications call for a guarantee period more than 12 months specifically, then such a period shall apply

7. If the arbitrator is a person appointed by the Head of the Purchase Office, In the event of his denying or neglecting or refusing to act, or resigning or being unable to act, for any reason, shall be lawful for the Head of the Purchase Office either to proceed with the reference himself or to appoint another person as arbitrator in place of the outgoing arbitrator subject, as aforesaid, to the Arbitration and Conciliation Act, 1996, and the rules thereunder and any statutory modifications thereof for the time being in force shall be deemed to apply to the arbitration proceeding under the clause. The Arbitrator shall have the power to extend with the consent of the Purchaser and the Contractor the time for making and publishing the award. The venue of arbitration shall be the place as the Purchaser in his absolute discretion may determine. Work under the Contract shall, if reasonably possible, continue during Arbitration Proceedings.

8. If the arbitrator is the Head of the Purchase Office :

(i) In the event of his being transferred or vacating his office by resignation or otherwise, it shall be lawful for his successor in office either to proceed with the reference himself for to appoint another person as arbitrator, or In the event of his being unwilling or unable to act for any reason, it shall be lawful for the Head of the Purchase Office to appoint another person as arbitrator

9. Late Tenders will not be considered

10. Model Certificate for Tenders:

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered

11. Packing and Forwarding: The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by rail, road, sea or air, to withstand transit hazards and ensure

safe arrival at the destination. The packing and marking of packages shall be done by and at the expense to the Contractor.

12. Payment terms are full payment within 30 days from the date of receipt and acceptance of material ordered. Our Bankers are State Bank of India, Mahendragiri.

13. Quotation should be valid for at least 120 days from the date of opening of the tender.

14. Specifications: Stores offered should strictly conform to Purchasers specifications. Deviations, if any, shall be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotation. Test certificate, wherever necessary, should be forwarded along with supplies. Wherever options are called for in our specifications, the tenderer should address all such options, wherever specifically mentioned by us, and the tenderer could suggest changes to specifications with appropriate response for the same. Even in such case, the tenderer should state why he cannot meet our specifications and why he is suggesting the change.

15. Successful tenderer will have to furnish in the form of a Bank Guarantee or in any other form as called for by the Purchaser towards adequate security for the materials/property provided by the purchaser for the due execution for the Contract.

16. TERMS AND CONDITIONS OF TENDER:

Price quoted should be on the basis of FOR IPRC, Mahendragiri or delivery at site

The Purchaser will not pay separately for transit insurance, and the risk and cost during transit shall be exclusively the responsibility of the Contractor and the purchaser shall pay only for such stores as are actually received in good condition in accordance with the Contract.

17. The Contractor shall at all times indemnify the Purchaser against all claims which may be in respect of the stores for infringement of any right protected by Patent, Registration or design or Trade Mark and shall take all risks of accidents or damage which may cause a failure of the supply from whatever causes arising and the entire responsibility for the sufficiency of all means used by him for the fulfilment of the Contract

18. The Purchaser reserves the right to accept or reject any quotation fully or partly without assigning any reason therefore.

19. The time for and the date of delivery of the stores stipulated in the Purchase Order shall be deemed to be the essence of the Contract and delivery must be completed not later than the date specified therein, and failure to do so, without adequate justification, may involve cancellation of the Contract at the discretion of the Purchaser.

20. Vendors may please note that in case of two-part tender, the price details shall be mentioned only in the price-bid template. If the price details either in part or full are indicated in the technical bid, the bid will be disqualified.

21. Where counter terms and conditions/printed or cyclostyled conditions of sale have been offered by the tenders, the same shall not be deemed to have been accepted by the Purchaser unless the Purchaser's specific written acceptance thereof is obtained

3. Conditions for BIDDER FROM A COUNTRY WHICH SHARES LAND BORDER WITH INDIA

1. Any false declaration and non-compliance of the above would be a ground for immediate rejection of offer or termination of the contract and further legal action in accordance with the laws.

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 services 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).

3. 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.

4. Model Certificate for Tenders

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered

5. Validity of Registration: Registration should be valid at the time of submission of bids and should be valid at the time of placement of order.

4. GENERAL TERMS AND CONDITONS

1. a) Facility of after sales service to be confirmed with details.
- b) Permanent Account Number (PAN) allotted by Income-Tax authorities shall be furnished with documentary proof. Otherwise, documentary proof for having applied for PAN should be provided. Also PAN should be in the name of Company/Firm, if quoted by the Company/Firm and in the name of Individual, if quoted by individual.
- c) GST No.
- d) PAN No.
- e) Local office in Tirunelveli / Nagercoil is preferable.

Note: (b) to (e) are applicable for Indian Companies only.

2. All amounts shall be indicated both in words as well as in figures. Where there is difference between amounts quoted in words and figures, amount quoted in words shall prevail.

3. GST where legally leviable and intended to be claimed should be distinctly shown separately in the tender. As per Notification No.45/2017 Central Tax(Rate) or Notification No. 47/17 Integrated TAX(Rate) of 14/11/17, We are eligible for availing Concessional GST@5% against certificate issued by an officer not below the rank of Dy. Secretary to Govt. of India

4. Guarantee / Warranty period as applicable shall be indicated, along with the quote. Guarantee/Warranty shall commence from the date of installation and acceptance of the complete equipment supplied under the contract/purchase order.

5. If an Indian agent submits bid on behalf of the Principal/OEM, the same Indian agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product

6. In a tender, either the Indian Agent on behalf of the Principal/OEM or Principal/ OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

7. In case of imported items (stores), Ex-Works/FOB/FCA prices should be indicated. In case of indigenous stores the quotation should be on FOR-Destination / Door delivery basis.

8. In case the vendor falls in the category of Small Scale Industries(SSIs), who are registered with NSI, Public Sector Undertakings (PSUs) and Micro & Small Enterprises (MSMEs) the same shall be mentioned in their quote for evaluation.

9. Indian Agents while quoting on behalf of their principals shall attach necessary authorization letter from their Principals along with the bid.

10. IPRC reserves the right to accept or reject any quotation in full or part thereof by recording the reasons.

11. IPRC shall not be responsible for failure of vendors in submitting bids online caused due to technical reasons at vendor end such as network or power failures, computer failure, internet-browser, mistakes / errors in filling the bids on line by vendor etc.

12. ISRO PROPULSION COMPLEX (IPRC) is exempted from payment of Customs Duty under Notification No. 50/2017-Customs dated 30.06.2017 and as amended by Notification No.5/18 Customs dt:25/1/18. For imported items IPRC will provide Customs Duty Exemption Certificate for availing Concessional CD and IGST.

13. Last minute request for the extension of the due date w.r.t. any technical issue at Vendors/Suppliers side will not be considered. You may submit your quotation online well in advance instead of waiting till the last date to ensure that Internet problem and network condition does not cause problem

14. LIQUIDATED DAMAGES: Delivery is the essence of the contract. Items shall be delivered within stipulated period. If delivery is delayed beyond the stipulated delivery period mentioned in the purchase order or any extension thereof, an amount equal to 0.5% per week shall be recovered, subject to a maximum of 10% of the order value shall be deducted from your bills due.

15. Offers sent through post, telegram, fax, e-mail, courier will not be considered. Partially completed / incomplete tenders shall not be considered.

16. Only authorized dealers/agents or their accredited representatives for original manufacturers have to submit the quotation with documentary evidence.

17. PAYMENT: 100% through RTGS within 30 days from the date of receipt and acceptance of items at our site is the normal payment for Indigenous supply. In the case of direct Import, normal terms of payment are by Sight Draft / Wire Transfer after receipt of items. However, other terms of payment like establishment of Letter of Credit may be considered by the Purchaser on such terms and conditions as may be agreed upon.

18. PERFORMANCE BANK GUARANTEE :

The Supplier shall guarantee the successful and satisfactory performance/commissioning of equipment/machinery under the conditions specified in the Purchase Order. As a performance security, the SUPPLIER shall furnish a performance bank guarantee (format enclosed) from Nationalized Bank/Scheduled Bank for an amount equal to the sum of 3% of the order value ensuring the due performance of equipment/machinery in accordance with all the specifications and terms specified in the Purchase Order herein valid for the warranty period. On due performance, the performance bank

guarantee shall be automatically cancelled and returned to the Supplier within 30 days after expiry of the Warranty period. The performance bank guarantee shall have claim period of six months.

19. SECURITY DEPOSIT : Security Deposit @ 3% of order value shall be submitted in the form of DD/FDR duly endorsed in favour of Accounts Officer, IPRC or by way of Bank Guarantee (in the prescribed format) within 20 days after receipt of order and valid up to the successful execution of the order.

20. The goods or material offered should be strictly as per our specifications. Change(s) in specifications, if any, should be clearly indicated by the supplier in his quotation. The supplier should also indicate make/type No. of the materials or equipment offered. Vague terms such as Best Indian, Best Indigenous and Imported make should not be used.

21. The offer should be valid for a minimum period of 120 days from the date of opening of the bids (Technical bid in case of 2-part tender).

22. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portions of the quantity offered and the tenderer shall supply the same at the rates quoted.

23. Wherever the tenderer is asked to submit sample for evaluation of tenders, the same shall be submitted along with your quote.

C. Bid Templates

C.1 Technical Bid - Supply, Installation and Commissioning of Horizontal Arm Type Manually Operated LMM - Length Marking/Measuring Machine with gauge blocks

1. LMM - Length Marking/Measuring Machine

Item specifications for LMM - Length Marking/Measuring Machine

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Type	Horizontal Arm (single) Type Manually Operated	Yes / No / Explain		
2	Guideway details	LM (linear) guideway	Yes / No / Explain		
3	Measuring Range	X: 2000mm, Y: 1500mm, Z: 1500mm or better for all.	Yes / No / Explain		
4	Resolution	1 micron or better	Yes / No / Explain		
5	Repeatability	for L=0 (as per ISO 10360-2): 10 microns or better	Yes / No / Explain		
6	Volumetric Accuracy	25+L/50 microns or better (as per ISO 10360-1)	Yes / No / Explain		
7	Machine table (on which LMM is mounted) details	Suitable table made of cast iron having necessary supporting stand with provision for height adjustment.	Yes / No / Explain		
8	Work table (Job table) details	Must be made of granite with standard thread inserts and/or slots for clamping work pieces. Must have provision for height adjustment.	Yes / No / Explain		
9	Work table (Job table) dimensions	2500mm x 2000mm approximately satisfying specifications of grade 0 of IS7327 or equivalent.	Yes / No / Explain		
10	Minimum load carrying capacity of work table	1 ton or higher	Yes / No / Explain		

11	Other details	Provided in "Annexure - specification"	Yes / No / Explain		
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Document : Annexure – LMM Specification

2. Rectangular Gauge Block - Standards Lengths

Item specifications for Rectangular Gauge Block

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Lengths	200, 400, 600, 800 and 1000 mm approximately	Yes / No / Explain		
2	Conformance/Calibration certificate	Grade 0 of ISO 3650 or better	Yes / No / Explain		
3	Other details	provided in "Annexure - Gauge Blocks"	Yes / No / Explain		

Document : Annexure - Gauge Blocks

3. Laptop with Printer and Table

Item specifications for Laptop

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Processor	11th gen. Intel Core i7 11800H or better	Yes / No / Explain		
2	RAM	16GB DDR4 3200MHz or better	Yes / No / Explain		
3	Storage	512GB or higher SSD or NVMe	Yes / No / Explain		
4	Graphics	Nvidia Geforce RTX3060 or better	Yes / No / Explain		
5	Screen size	15.6 inch or larger	Yes / No / Explain		
6	Accessories	Suitable high speed keyboard, mouse and laptop bag	Yes / No / Explain		
7	Operating system	Windows 10 or 11	Yes / No / Explain		

8	Warranty	Minimum 1 year on-site	Yes / No / Explain		
9	Brand	Reputed brands such as HP, Dell, etc.	Yes / No / Explain		
10	Printer	A4 Colour laser jet printer of reputed brand such as HP	Yes / No / Explain		
11	Computer Table	Suitable one with provision adjacent to LMM machine to accommodate both laptop and printer	Yes / No / Explain		
12	Specifications as per "Annexure- Laptop and Printer specification"	Must be equivalent or better	Yes / No / Explain		

Document : Laptop and Printer specifications

4. Accessories

Item specifications for Accessories

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Accessories / supporting equipments	Party shall quote for any accessory / supporting equipment for normal usage of LMM. This shall include any accessory/ equipment required for maintenance of the system also.	Yes / No / Explain		

Supporting Documents required from Vendor

1. List and details of additional suggested accessories, if any (other than the ones mentioned in "LMM specifications")

2. Price quotation for LMM including relevant accessories as given in "Annexure - LMM specification". This price must be inclusive of commissioning, installation charges, etc.

3. Technical details or Catalogue of Laptop and Printer satisfying specifications mentioned in "Annexure - Laptop and Printer specifications"

4. Technical details or Catalogue of LMM satisfying specifications mentioned in "Annexure - LMM specifications"

5. Technical details or Catalogue of Gauge Blocks meeting "Annexure - Gauge Blocks"

6. Relevant Documents as mentioned in "Annexure- Pre-Qualification Criteria for bidders"

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	The quoted price for LMM must be inclusive of commissioning, installation charges, etc.	Yes / No / Explain	
2	The bidder must satisfy the criteria specified in "Annexure - Pre-Qualification Criteria for Bidders"	Yes / No / Explain	
3	Validity of Offer (specify)	Yes / No / Explain	
4	Delivery Period (specify)	Yes / No / Explain	
5	Delivery Terms: Normal delivery terms - FOR Destination (i.e., IPRC, Mahendragiri)	Yes / No / Explain	
6	Payment Terms: 100% within 30 days after receipt and acceptance of items (No advance payment is acceptable). Specify your Payment Terms.	Yes / No / Explain	
7	Security Deposit: The Supplier shall provide Bank Guarantee for an amount equivalent to the 3% (THREE PERCENT) of the total Order value towards Security Deposit for the due performance of the Purchase Order. The Security Deposit can be submitted in the form of Bank Guarantee or Fixed Deposit Receipt obtained from any Nationalized/ Scheduled Bank and it shall be kept valid for a period of sixty days beyond the date of completion of the Purchase Order. This Security Deposit will be returned to the Supplier only upon successful completion of all the contractual obligations or shall be adjusted/ forfeited against non-fulfilment of any of the contractual obligations. The Security Deposit shall be submitted within 30 days from the date of receipt of Purchase Order.	Yes / No / Explain	
8	Confirm: Conditions for BIDDER FROM A COUNTRY WHICH SHARES LAND BORDER WITH INDIA	Yes / No / Explain	

9	Liquidated Damages: The delivery period / completion period shall be the essence of the Purchase Order. If the Supplier fails to meet delivery date within the time specified above or any extension thereof, the Department will recover from the Supplier as Liquidated Damages (LD) a sum of 0.5% of the total order value for each calendar week of delay subject to a maximum of 10% of the total order value. Confirm your acceptance.	Yes / No / Explain	
10	Name of PRINCIPAL, Address, Contact No, E-mail Id etc. (specify):	Yes / No / Explain	
11	Currency quoted (specify)	Yes / No / Explain	
12	Warranty / Guarantee Period: (specify)	Yes / No / Explain	
13	Taxes and other costs, if any: (specify). As per Notification No. 45/2017 - Central Tax and 47/2017-Integrated Tax (rate) dated 14/11/2017, we are eligible for concessional rate of GST @ 5%. Relevant Certificate shall be issued as and when required.	Yes / No / Explain	
14	Performance Bank Guarantee: Performance Bank Guarantee (PBG) for 3% of the order value shall be submitted along with your Invoice/prior to final payment. It shall be valid till the warranty/ guarantee period and shall have an additional claim period of 60 days.	Yes / No / Explain	
15	Only Class-I and Class-II Local suppliers as per Make in India Policy are eligible to participate in the bid. Percentage of Local Content for the offered item / items shall be specified	Yes / No / Explain	
16	MSME preference is applicable only against the claim of the manufacturer and production of documentary evidence by the manufacturer for the registration of particular item under MSME.	Yes / No / Explain	
17	Bank Details (State Bank of India, Mahendragiri, Tirunelveli (Dist) - 627 133) Details of your bank shall be furnished.	Yes / No / Explain	
18	Any other terms	-	

19	Percentage of Local Content for the offered item / items shall be specified	Yes / No / Explain	
20	Pre-dispatch inspection shall be carried out at factory level in the presence of IPRC personnel. The stated specifications (repeatability and accuracy) must be demonstrated as described in the 3 Machine Specification section. The required test lengths, with certificates, shall be provided by the supplier.	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Remark
1	LMM - Length Marking/Measuring Machine	1.00 Nos.		-		
2	Rectangular Gauge Block - Standards Lengths	1.00 Sets		-		
3	Laptop with Printer and Table	1.00 Sets		-		
4	Accessories	1.00 Sets		-		