

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्
Council of Scientific & Industrial Research
राष्ट्रीय वांतरिक्ष प्रयोगशालाएं
National Aerospace Laboratories



CSIR - NAL Estd. 1959
ISO 9001 : 2015
Certified Organization

INVITATION FOR BIDS/NIT

Tender No. NAL/PUR/STTD/324/19-Y

Dated: 20-Nov-19

CSIR- National Aerospace Laboratories (NAL), Bengaluru, India is one of the premier laboratories under Council of Scientific and Industrial Research (CSIR), an autonomous body under Department of Scientific and Industrial Research, Government of India, New Delhi. CSIR-NAL is a Science and Knowledge based Research, Development and Consulting Organization. It is internationally known for its excellence in Scientific Research in Aerospace Engineering.

The Director, CSIR-NAL invites online quotation for procurement of the following item(s) for day to day research work.

Sl.No.	Description of Items	Unit	Quantity
01	Proving Rings of different capacities. Please refer Annexure for detailed specification.	As Per Annexure	
Single / Double Bid		Single	
Bid Security (EMD) (in INR)		Bid Security Declaration should be enclosed with quotation	
Performance Security		10% of the purchase order value	

01. Tender Documents may be downloaded from Central Public Procurement Portal <https://www.etenders.gov.in>. Aspiring Bidders who have not enrolled/ registered in e- procurement should enroll/ register before participating through the website <https://www.etenders.gov.in>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.
02. Tenderers can access tender documents on the website (For searching in the NIC site <https://www.etenders.gov.in>, kindly go to Tender Search option, select tender type and select ' Council of Scientific and Industrial Research' in organization tab and select NAL-Bengaluru-CSIR in department type Thereafter, Click on "Search" button to view all CSIR-NAL, Bengaluru tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://www.etenders.gov.in> as per the schedule given in the next page.
03. Either the Indian Agent on behalf of the Foreign principal or the Foreign principal can bid directly in a tender but not both. However, the offer of the Indian Agent should also accompany the authorization letter from their principal. To maintain sanctity of tendering system, one Indian Agent cannot represent two different Foreign principals in one tender.
04. Unsolicited / conditional / unsigned tenders (Quotations) **shall not** be considered. Quotations received after the due date and time **shall be summarily rejected**.
05. The Bidder shall comply the terms and conditions of the tender, failing which, the offer shall be liable for rejection.
06. The Director, CSIR- National Aerospace Laboratories., Bengaluru reserves the right to accept any or all the tenders either in part or in full or to split the order without assigning any reasons there for.


Raman Kumar
(Section Officer S&P)

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P B No 1779, HAL Airport Road, Kodihalli, Bengaluru - 560 017, INDIA
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SCHEDULE CUM CRITICAL DATE SHEET

1	Name of Organization	CSIR-National Aerospace Laboratories, Bengaluru	
2	Tender Reference No	NAL/PUR/STTD/324/19-Y dated: 20-Nov-19	
3	Tender Type (Open/Limited/EOI/Auction/Single)	Open Tender	
4	Type/Form of Contract (Work / Supply / Auction / Service / Buy / Empanelment / Sell)	Supply	
5	No of Covers (One/Two/Three/Four)	One	
6	Tender Category (Services/Good/Works)	Goods	
7	Allow Resubmission (Only in online mode within scheduled period)	Yes	
8	Allow Withdrawal (Only in online mode within scheduled period)	Yes	
9	Allow Offline Submission	No	
10	Work Item Title	Proving Rings of different Capacities.	
11	Work Description	Proving Rings of different Capacities.	
12	Delivery Schedule	120 days from the date of purchase order	
13	Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems)	R & D Equipment	
14	Is Multi Currency Allowed	Yes	
15	a) Tender Publishing Date -	21-Nov-19	1800 Hrs
	b) Document Download Start Date-	21-Nov-19	1800 Hrs
	c) Bid Submission Start Date-	21-Nov-19	1800Hrs
	d) Bid Submission End Date-	09-Dec-19	1000 Hrs
	e) Bid Opening Date-	10-Dec-19	1100 Hrs
16	Bid Validity Days	90 days	
17	Address for communication	Stores and Purchase Officer CSIR-National Aerospace Laboratories, HAL Airport Road, Kodihalli, Bengaluru - 560017	
18	Inviting Officer	Director, CSIR-NAL	
19	Contact No	25086040, 25086041	
20	E-mail Address	purchasek@nal.res.in	
21	Detailed specification of item	Refer Invitation for bids / NIT	
22	Tender Terms & Conditions & Instruction for online bid submission	The prospective bidders are requested to refer to the Standard Tender Document available on NAL Internet (www.nal.res.in) under the icon Tender-Purchase before formulating and submitting their bids	

Annexure-ASpecifications for Proving Rings

1. Total No. of proving rings required: 7 Nos.
2. Capacity of proving ring:
 - a) Tension and compression type - 0.5kN, 5kN, 20kN, 50kN, 100kN each one number
 - b) Compression type - 200kN, 2000 kN each one number.
3. Construction: Ring type, Single piece forged construction. Integral type proving ring with the loading (outside) bosses are forged integral with the ring body.
4. Material: Corrosion resistant body and made of steel/steel alloy.
5. Loading arrangement: Necessary self-aligning compression pads and tension shackles must be provided. The End of tension shackle may have a flat or threaded end.
6. Proving ring deflection range at maximum load capacity: 0.84 mm to 4.24 mm.
7. Deflection measurement: High accurate Mechanical dial type analogue gauge precisely aligned and integrated with the proving ring must be provided. The ratio of width of the pointer to centre- centre distance between two graduation marks must be 1:10. The spacing of dial graduation must be greater than 1.25mm.
8. Calibration: Each proving ring must be calibrated at NPL, Delhi and the original certificate of the same must be supplied along with each proving ring. Calibration certificate must contain the requirements to prove the compliance of IS 4169-2014. The proving rings must comply to class-2 or higher requirements as per IS 4169-2014. Calibration certificate must contain zero force reading after end of calibration or percentage of creep error has to be noted. Uncertainty of measurement for each proving ring must be evaluated and provided in the calibration certificate.
9. Proving rings must fulfil all the requirements of Indian Standard IS 4169-2014.
10. Overload: Proving Rings must meet the overload capacity requirements specified in IS 4169-2014.
11. Proving Rings without valid calibration and proof of compliance to IS 4169-2014 products will be rejected.
12. Casing: proving ring must be supplied in a polished wooden enclosure with proper cushion and locking arrangement for easy transport

NOTE: Copy of previous purchase orders or sales data of the same equipment to Aerospace Industries/R&D Institutes such as ISRO, DRDO or any other CSIR labs purchased preferably in the last 3 years shall be provided.

Tender No.: NAL/PUR/STTD/324/19-Y

BID-SECURING DECLARATION FORM

Date: _____

Bid No. _____

To (insert complete name and address of the purchaser)

I/We. The undersigned, declare that:

I/We understand that, according to your conditions, bids must be supported by a Bid Securing Declaration.

I/We accept that I/We may be disqualified from bidding for any contract with you for a period of one year from the date of notification if I am /We are in a breach of any obligation under the bid conditions, because I/We

(a)	have withdrawn/modified/amended, impairs or derogates from the tender, my/our Bid during the period of bid validity specified in the form of Bid; or
(b)	having been notified of the acceptance of our Bid by the purchaser during the period of bid validity
	(i) fail or reuse to execute the contract, if required, or
	(ii) fail or refuse to furnish the Performance Security, in accordance with the Instructions to Bidders.

I/We understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful Bidder, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty days after the expiration of the validity of my/our Bid.

Signed: (insert signature of person whose name and capacity are shown)
in the capacity of (insert legal capacity of person signing the Bid Securing Declaration).

Name: (insert complete name of person signing the Bid Securing Declaration)

Duly authorized to sign the bid for an on behalf of: (insert complete name of Bidder)

Dated on _____ day of _____ (insert date of signing)

Corporate Seal (where appropriate)

Note:

1. In case of a Joint Venture, the Bid Securing Declaration must be in the name of all partners to the Joint Venture that submits the bid.
2. Bid Security declaration must be signed in by the Proprietor/CEO/MD or equivalent level of Officer of the company.