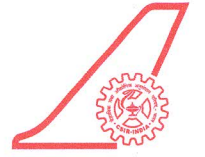


वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्
Council of Scientific & Industrial Research
राष्ट्रीय वांतरिक्ष प्रयोगशालाएं
National Aerospace Laboratories



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

INVITATION FOR BIDS/NIT


Tender No: APMF/PUR/2K19/198

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
1	Procurement of Cutting Tools as per Annexure - A	As per Annexure - A	
Single / Double Bid		Single	
Bid Security (EMD) (in INR)		Bid Securing Declaration Form to be submitted.	

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)
For & Behalf of CSIR-NAL

पी बी सं. 1779, एचएएल एयरपोर्ट रोड, बेंगलूर- 560 017, भारत,
P B No 1779, HAL Airport Road, Bengaluru - 560 017, INDIA
फोन / Phone : (का./ Off) : +91 - 80 - 2508 6097 / 6710, फैक्स / FAX : +91-80-2526 9611

Procurement of Cutting Tools

1.0	Solid Carbide Flat End Mill Cutter (Standard Length) able to cut steels up to 45 HRc	Qty.
1.1	Solid Carbide Flat End Mill Dia 3mm, 4 Flutes	03 Nos.
1.2	Solid Carbide Flat End Mill Dia 4mm, 4 Flutes	07 Nos.
1.3	Solid Carbide Flat End Mill Dia 6mm, 4 Flutes	07 Nos.
1.4	Solid Carbide Flat End Mill Dia 8mm, 4 Flutes	07 Nos.
1.5	Solid Carbide Flat End Mill Dia 10mm, 4 Flutes	07 Nos.
1.6	Solid Carbide Flat End Mill Dia 12mm, 4 Flutes	06 Nos.
1.7	Solid Carbide Flat End Mill Dia 16mm, 4 Flutes	03 Nos.
1.8	Solid Carbide Flat End Mill Dia 20 mm, 4 Flutes	03 Nos.
2.0	Solid Carbide Flat End mill Cutter (Long Series) able to cut steels up to 45 HRc	
2.1	Solid Carbide Flat End Mill Dia 4mm, 4 Flutes	02 Nos.
2.2	Solid Carbide Flat End Mill Dia 6mm, 4 Flutes	02 Nos.
2.3	Solid Carbide Flat End Mill Dia 8mm, 4 Flutes	02 Nos.
2.4	Solid Carbide Flat End Mill Dia 10mm, 4 Flutes	02 Nos.
2.5	Solid Carbide Flat End Mill Dia 12mm, 4 Flutes	02 Nos.
3.0	Solid Carbide Flat End mill Cutter (Extra Long) able to cut steels up to 45 HRc	
3.1	Solid Carbide Flat End Mill Dia 3mm, 4 Flutes	03 Nos.
3.2	Solid Carbide Flat End Mill Dia 4mm, 4 Flutes	03 Nos.
3.3	Solid Carbide Flat End Mill Dia 6mm, 4 Flutes	03 Nos.
3.4	Solid Carbide Flat End Mill Dia 8mm, 4 Flutes	03 Nos.
3.5	Solid Carbide Flat End Mill Dia 10mm, 4 Flutes	03 Nos.
3.6	Solid Carbide Flat End Mill Dia 12mm, 4 Flutes	05 Nos.
3.7	Solid Carbide Flat End Mill Dia 16mm, 4 Flutes	03 Nos.
3.8	Solid Carbide Flat End Mill Dia 20 mm, 4 Flutes	03 Nos.
4.0	Solid Carbide Ball Nose Endmill Cutter (Standard length) able to cut steels up to 45 HRc	
4.1	Solid carbide Ball Nose Endmill Cutter Dia 3mm, 4 Flutes	03 Nos.
4.2	Solid carbide Ball Nose Endmill Cutter Dia 4mm, 4 Flutes	07 Nos.
4.3	Solid Carbide Ball Nose Endmill Cutter Dia 6 mm, 4 Flutes	07 Nos.
4.4	Solid Carbide Ball Nose Endmill Cutter Dia 8mm, 4 Flutes	07 Nos.
4.5	Solid Carbide Ball Nose Endmill Cutter Dia 10mm, 4 Flutes	07 Nos.
4.6	Solid Carbide Ball Nose Endmill Cutter Dia 12mm, 4 Flutes	06 Nos.
4.7	Solid Carbide Ball Nose Endmill Cutter Dia 16mm, 4 Flutes	03 Nos.
4.8	Solid Carbide Ball Nose Endmill Cutter Dia 20mm, 4 Flutes	03 Nos.
5.0	Solid Carbide Ball Nose Cutter (Long Series) able to cut steels up to 45 HRc	
5.1	Solid Carbide Ball Nose Cutter Dia 4mm, 4 Flutes	03 Nos.
5.2	Solid Carbide Ball Nose Cutter Dia 6 mm, 4 Flutes	03 Nos.
5.3	Solid Carbide Ball Nose Cutter Dia 8mm, 4 Flutes	03 Nos.
5.4	Solid Carbide Ball Nose Cutter Dia 10mm, 4 Flutes	03 Nos.
5.5	Solid Carbide Ball Nose Cutter Dia 12mm, 4 Flutes	03 Nos.
6.0	Solid Carbide Ball Nose Endmill Cutter (Extra Long) able to cut steels up to 45 HRc	
6.1	Solid carbide Ball Nose Endmill Cutter Dia 3mm, 4 Flutes	03 Nos.
6.2	Solid carbide Ball Nose Endmill Cutter Dia 4mm, 4 Flutes	03 Nos.
6.3	Solid Carbide Ball Nose Endmill Cutter Dia 6 mm, 4 Flutes	03 Nos.
6.4	Solid Carbide Ball Nose Endmill Cutter Dia 8mm, 4 Flutes	03 Nos.
6.5	Solid Carbide Ball Nose Endmill Cutter Dia 10mm, 4 Flutes	03 Nos.
6.6	Solid Carbide Ball Nose Endmill Cutter Dia 12mm, 4 Flutes	05 Nos.
6.7	Solid Carbide Ball Nose Endmill Cutter Dia 16mm, 4 Flutes	03 Nos.
6.8	Solid Carbide Ball Nose Endmill Cutter Dia 20mm, 4 Flutes	03 Nos.

7.0	HSS Twist Drill , Standard Length with 8% Cobalt	Qty
7.1	Twist Drill Dia 2.0 mm	10 Nos
7.2	Twist Drill Dia 2.1 mm	10 Nos
7.3	Twist Drill Dia 2.5 mm	10 Nos
7.4	Twist Drill Dia 2.8 mm	10Nos
7.5	Twist Drill Dia 3.3 mm	10 Nos
7.6	Twist Drill Dia 3.8 mm	10 Nos
7.7	Twist Drill Dia 4.2 mm	10 Nos
7.8	Twist Drill Dia 5.0 mm	10 Nos
7.9	Twist Drill Dia 5.2 mm	10 Nos
7.10	Twist Drill Dia 5.8 mm	10 Nos
7.11	Twist Drill Dia 6.8 mm	10 Nos
7.12	Twist Drill Dia 7.8 mm	05 Nos
7.13	Twist Drill Dia 8.5 mmc	05 Nos
7.14	Twist Drill Dia 9.8 mm	05 Nos
8.0	Carbide Twist Drill, Standard Length, able to cut steels up to 45 HRc	
8.1	Twist Drill Dia 3.0 mm	03 Nos
8.2	Twist Drill Dia 4.0 mm	03 Nos
8.3	Twist Drill Dia 5.0 mm	03 Nos
8.4	Twist Drill Dia 6.0 mm	03 Nos
8.5	Twist Drill Dia 7.7 mm	03 Nos
8.6	Twist Drill Dia 8.0 mm	03 Nos
8.7	Twist Drill Dia 9.7 mm	03 Nos
8.8	Twist Drill Dia 11.7 mm	03 Nos
9.0	Carbide Reamers (H7) Standard Length, able to cut steels up to 45 HRc	
9.1	Straight Shank Reamer Dia 3.0 mm (H7)	05 Nos
9.2	Straight Shank Reamer Dia 4.0 mm (H7)	05 Nos
9.3	Straight Shank Reamer Dia 5.0 mm (H7)	05 Nos
9.4	Straight Shank Reamer Dia 6.0 mm (H7)	05 Nos
9.5	Straight Shank Reamer Dia 8.0 mm (H7)	08 Nos
9.6	Straight Shank Reamer Dia 10.0 mm (H7)	08 Nos
9.7	Straight Shank Reamer Dia 12.0 mm (H7)	08 Nos
10.0	HSS Hand Tap Sets (To cut material of tensile strength up to 1060 N/mm2)	
10.1	M2.5 X0.4	05 Sets.
10.2	M 3.0X 0.5	20 Sets.
10.3	M4.0X 0.7	10 Sets.
10.4	M5X0.8	10 Sets.
10.5	M6X1.0	05 Sets.
10.6	M8X1.2S	05 Sets.
	Total No.	411


Raman Kumar
 Section Officer (S&P)

APMF/PUR/2K19/198

SCHEDULE CUM CRITICAL DATE SHEET

1	Name of Organization	CSIR-National Aerospace Laboratories, Bengaluru	
2	Tender Reference No	APMF/PUR/2K19/198	
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	Procurement of Cutting tools	
11	Work Description	Procurement of Cutting tools (as per specification)	
12	Delivery Schedule	60 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	No	
15	a) Tender Publishing Date -	24 Jan 2020	1800 Hrs
	b) Document download start Date:	24 Jan 2020	1800 Hrs
	c) Bid Submission Start Date	24 Jan 2020	1800 Hrs
	d) Bid Submission End Date-	17 Feb 2020	1000 Hrs
	e) Bid Opening Date-	18 Feb 2020	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	080-25086097, 25086710	
20	E-mail Address	purchaseccadd@nal.res.in/spo@nal.res.in	
21	Detailed specification of item	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.	