## वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् Council of Scientific & Industrial Research

## राष्ट्रीय वांतरिक्ष प्रयोगशालाएं National Aerospace Laboratories



Dated: 16-Dec-19

### INVITATION FOR BIDS/NIT

#### Tender No. NAL/PUR/ACD/373/19-Y

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.

SI.No.	Description of Items	Unit	Quantity
01	Solid carbide dagger drill bits, core drill bits, Tri flute drill bits reamers and PCD csk bits.  Please refer Annexure for detailed specification.	Set	01
	Please refer Annexure for detailed specification.		

Single / Double Bid	Single
Bid Security (EMD) (in INR)	Bid Security Declaration should be enclosed with quotation
Performance Security	Nil

- 01. Tender Documents may be downloaded from Central Public Procurement Portal <a href="https://www.etenders.gov.in">https://www.etenders.gov.in</a>. Aspiring Bidders who have not enrolled/ registered in e- procurement should enroll/ register before participating through the website <a href="https://www.etenders.gov.in">https://www.etenders.gov.in</a>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at 'Instructions for online Bid Submission'.
- O2. Tenderers can access tender documents on the website (For searching in the NIC site <a href="https://www.etenders.gov.in">https://www.etenders.gov.in</a>, 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 <a href="https://www/etenders.gov.in">https://www/etenders.gov.in</a> 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)

पी बी सं. 1779, एचएएल एयरपोर्ट रोड, कोडिहल्ली, बेंगलुरु - 560 017, भारत, P B No 1779, HAL Airport Road, Kodihalli, Bengaluru - 560 017, INDIA फोन / Phone: (का./ Off): +91 - 80 - 2508 6040 - 45, फैक्स / FAX: +91-80-2526 9611





# CSIR-NATIONAL AEROSPACE LABORATORIES, BENGALURU 560 017 INDIA

### SCHEDULE CUM CRITICIAL DATE SHEET

Tender Type (Open/Limited/EOI/Auction/Single)  4 Type/Form of Contract (Work / Supply / Auction / Service / Buy / Empanelment / Sell)  5 No of Covers (One/Two/Three/Four)  6 Tender Category (Services/Good/Works)  7 Allow Resubmission (Only in online mode within scheduled period)  8 Allow Withdrawal (Only in online mode within scheduled period)  9 Allow Offline Submission  10 Work Item Title  11 Work Description  12 Delivery Schedule  13 Fleet Management / Computer Systems)  14 Is Multi Currency Allowed  15 Pocument Download Start Date- b) Document Download Start Date- d) Bid Submission Start Date- d) Bid Submission Start Date- d) Bid Opening Date- 17 Address for communication  18 Inviting Officer  19 Contact No 25086040, 25086041  20 Detailed specification of item  Tender Type Sconditions 8. Supply  Sup	1	Name of Organization	CSIR-National Aerospace L	aboratories, Bengaluru	
Type/Form of Contract (Work / Supply / Auction / Service / Buy / Empanelment / Sell)   Supply	2	Tender Reference No	NAL/PUR/ACD/373/19-Y dated: 16-Dec-19		
Auction / Service / Buy / Empanelment / Sell)  No of Covers (One/Two/Three/Four)  Tender Category (Services/Good/Works)  Allow Resubmission (Only in online mode within scheduled period)  Allow Withdrawal (Only in online mode within scheduled period)  Allow Offline Submission  No  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Work Item Title  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Delivery Schedule  Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems)  Is Multi Currency Allowed  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Delivery Schedule  A Dequipment  R & D Equipment  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment boundade of the drill bits reamers and PCD CSK Bits.  A D Equipment  To Bits Wallid Currency Allowed  A Dequipment  A Dequipment  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits reamers and PCD CSK Bits.  A D Equipment  To Bits Wallid Currency Allowed  Yes  A D Equipment  To Bits Validity Days  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits reamers and PCD CSK Bits.  A Dequipment bits, Core drill to drill bits, Core drill to drill bits, core drill to drill bits, core drill t	3		Open		
6 Tender Category (Services/Good/Works) 7 Allow Resubmission (Only in online mode within scheduled period) 8 Allow Withdrawal (Only in online mode within scheduled period) 9 Allow Offline Submission 10 Work Item Title 11 Work Description 12 Delivery Schedule 13 Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems) 14 Is Multi Currency Allowed 15 C) Bid Submission End Date- 13-Jan-20 1000 Hrs e) Bid Opening Date- 14-Jan-20 1100 Hrs engaluru - 560017 16 Bid Validity Days 17 Address for communication 18 Inviting Officer Director, CSIR-NAL 1 Detailed specification of item 1 Tender Document available of Standard Tenders Document available of Standard Tender Document available of Standard Tenders Document available of Standard Tenders Document available on Sta	4		Supply		
Allow Resubmission (Only in online mode within scheduled period)  Allow Withdrawal (Only in online mode within scheduled period)  Allow Offline Submission  No  No  Work Item Title  Delivery Schedule  Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems)  All Is Multi Currency Allowed  To, Bid Submission Start Date- Bid Submission Start Date- Bid Submission End Date- Bid Validity Days  Address for communication  Allow Withdrawal (Only in online mode within scheduled period)  Yes  Yes  No  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill to drill bits, core drill to drill bits, core dril to drill bits, core drill to drill bits, core drill to drill bit	5	No of Covers (One/Two/Three/Four)	One		
mode within scheduled period) Allow Withdrawal (Only in online mode within scheduled period)  Allow Offline Submission  No  Solid Carbide dagger drill bits, Core drill the drill bits reamers and PCD CSK Bits.  10 Work Item Title  Solid Carbide dagger drill bits, Core drill the drill bits reamers and PCD CSK Bits.  11 Work Description  Solid Carbide dagger drill bits, Core drill the drill bits reamers and PCD CSK Bits.  12 Delivery Schedule  Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems)  R & D Equipment  Is Multi Currency Allowed  Yes  a) Tender Publishing Date - 20-Dec-19 1100 Hrs  b) Document Download Start Date- 20-Dec-19 1100 Hrs  c) Bid Submission Start Date- 20-Dec-19 1100 Hrs  d) Bid Submission End Date- 13-Jan-20 1000 Hrs  e) Bid Opening Date- 14-Jan-20 1100 Hrs  16 Bid Validity Days  90 days  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  Press & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Document available on Tandar Torms & Conditions & Standard Tender Torms & Standard Tender Torms & Standard Tender Torms & Standard Tender Torms & Standar	6	Tender Category (Services/Good/Works)	Goods		
within scheduled period)  Allow Offline Submission  No Solid Carbide dagger drill bits, Core drill the drill bits reamers and PCD CSK Bits.  Solid Carbide dagger drill bits, Core drill the drill bits reamers and PCD CSK Bits.  Delivery Schedule  Delivery Schedule  Delivery Schedule  Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems)  R & D Equipment  R & D Equipment  R & D Equipment  R & D Equipment  Delivery Schedule  A D Equipment  R & D Equipment  R & D Equipment  Delivery Schedule  A D Equipment  R & D Equipment  R & D Equipment  Delivery Schedule  A D Equipment  R & D Equipment  R & D Equipment  Delivery Schedule  A D Equipment  R & D Equipment  R & D Equipment  A D Equipment  Delivery Schedule  A D Equipment  A D Equipment  R & D Equipment  R & D Equipment  Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems)  R & D Equipment  R & D Equipment  R & D Equipment  A D D D D D D D D D D D D D D D D D D	7	mode within scheduled period)	Yes		
Solid Carbide dagger drill bits, Core drill to drill bits reamers and PCD CSK Bits.		within scheduled period)	Yes		
Work Item Inte	9	Allow Offline Submission	_		
drill bits reamers and PCD CSK Bits.	10	Work Item Title			
13   Product Category (Civil Works / Electrical Works / Fleet Management / Computer Systems)   R & D Equipment     14   Is Multi Currency Allowed   Yes	11	Work Description	Solid Carbide dagger drill bits, Core drill bits, Tri flute drill bits reamers and PCD CSK Bits.		
Fleet Management / Computer Systems)  14 Is Multi Currency Allowed  20-Dec-19 20-Dec-19 1100 Hrs b) Document Download Start Date- c) Bid Submission Start Date- d) Bid Submission End Date- e) Bid Opening Date- 15 Bid Validity Days  16 Bid Validity Days  17 Address for communication  18 Inviting Officer 19 Contact No 20 E-mail Address  Detailed specification of item  R & D Equipment R & D Equipmen	12	Delivery Schedule	60 days from the date of purchase order		
a) Tender Publishing Date - 20-Dec-19 1100 Hrs b) Document Download Start Date- 20-Dec-19 1100 Hrs c) Bid Submission Start Date- 20-Dec-19 1100Hrs d) Bid Submission End Date- 13-Jan-20 1000 Hrs e) Bid Opening Date- 14-Jan-20 1100 Hrs 16 Bid Validity Days 90 days Stores and Purchase Officer CSIR-National Aerospace Laboratories, HAL Airport Road, Kodihalli, Bengaluru - 560017 INVITION Director, CSIR-NAL 19 Contact No 25086040, 25086041 20 E-mail Address purchase & Conditions & Purchase & Conditions & Purchase & Purchase & Conditions & Standard Tender Document available on Tandar Terres & Conditions & Standard Tender Document available on Tandar Terres & Conditions & Standard Tender Document available on Tandar Terres & Conditions & Standard Tender Document available on Tandar Terres & Conditions & Standard Tender Document available on Tandar Tender Document available on T	13		R & D Equipment		
b) Document Download Start Date- c) Bid Submission Start Date- d) Bid Submission End Date- e) Bid Opening Date- 15 Bid Validity Days 16 Bid Validity Days 17 Address for communication 18 Inviting Officer 19 Contact No 19 Contact No 20-Dec19 1100 Hrs 13-Jan-20 1000 Hrs 14-Jan-20 1100 Hrs 15 Stores and Purchase Officer CSIR-National Aerospace Laboratories, HAL Airport Road, Kodihalli, Bengaluru - 560017 Director, CSIR-NAL 19 Contact No 25086040, 25086041 20 E-mail Address 21 Detailed specification of item 25 Refer Invitation for bids / NIT 26 The prospective bidders are requested to Standard Tender Document available on Invitation of Standard Tender Document available on Invitation Inv	14	Is Multi Currency Allowed	Yes		
15 c) Bid Submission Start Date- d) Bid Submission End Date- e) Bid Opening Date- 14-Jan-20 1100 Hrs  16 Bid Validity Days  90 days  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 The prospective bidders are requested to		a) Tender Publishing Date -	20-Dec-19	1100 Hrs	
d) Bid Submission End Date- e) Bid Opening Date- 14-Jan-20 1100 Hrs  16 Bid Validity Days 90 days 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 The prospective bidders are requested to		,			
e) Bid Opening Date-  16 Bid Validity Days  90 days  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 The prospective bidders are requested to	15	c) Bid Submission Start Date-			
16 Bid Validity Days  90 days  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 The prospective bidders are requested to		d) Bid Submission End Date-	13-Jan-20	1000 Hrs	
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 The prospective bidders are requested to		e) Bid Opening Date-	14-Jan-20	1100 Hrs	
Address for communication  CSIR-National Aerospace Laboratories, HAL Airport Road, Kodihalli, Bengaluru - 560017  Inviting Officer  Director, CSIR-NAL  Contact No  E-mail Address  Detailed specification of item  Refer Invitation for bids / NIT  The prospective bidders are requested to Standard Tender Document available on Invitation for Docum	16	Bid Validity Days	90 days		
19 Contact No 25086040, 25086041  20 E-mail Address  purchasek@nal.res.in  21 Detailed specification of item  Refer Invitation for bids / NIT  The prospective bidders are requested to Standard Tender Document available on I	17		Stores and Purchase Officer CSIR-National Aerospace Laboratories, HAL Airport Road, Kodihalli,		
20 E-mail Address <u>purchasek@nal.res.in</u> 21 Detailed specification of item Refer Invitation for bids / NIT The prospective bidders are requested to Standard Tender Document available on I	18	Inviting Officer			
21 Detailed specification of item  Refer Invitation for bids / NIT  The prospective bidders are requested to Standard Tender Document available on I	19	Contact No	25086040, 25086041		
The prospective bidders are requested to	20	E-mail Address	purchasek@nal.res.in		
Tandar Tarms & Conditions & Standard Tender Document available on I	21	Detailed specification of item	Refer Invitation for bids / N	VIT	
Instruction for online bid submission (www.nal.res.in) under the icon Tend	22	Tender Terms & Conditions &	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**

# I. Solid Carbide Dagger drill bits -GT50

Sl no	Item details	Overall length In mm	Product code	Qty
1	DIAMETER 2.54 +02	50	GT50-2.54	300
2	DIAMETER 3.3 +025	60	GT50-3.3	200
3	DIAMETER 4.056 <sup>-0</sup>	60	GT50-4.056	40
4	DIAMETER 4.1 +025	60	GT50-4.1	50
5	DIAMETER 4.1 +025	75	GT50-4.1	50
6	DIAMETER 4.2 <sup>-0</sup> +025	60	GT50-4.2	50
7	DIAMETER 4.2 +025	75	GT50-4.2	50



## II. Solid Carbide Core drill bits-GT38

SI no	Item details	Flute length In mm	Overall length In mm	Product code	Qty
1	DIAMETER 4.86 +025	30	60	GT38-4.86	100
2	DIAMETER 4.86 +025	40	75	GT38-4.86	75
3	DIAMETER 5.056 <sup>-0</sup>	30	60	GT38-5.056	30
4	DIAMETER 5.056 +018	40	75	GT38-5.056	30
5	DIAMETER 5.1 +015	40	75	GT38-5.1	20
6	DIAMETER 6.1 +025	40	75	GT38-6.1	60
7	DIAMETER 6.35	40	75	GT38-6.35	10
8	DIAMETER 7.7 +015	45	100	GT38-7.7	10
9	DIAMETER 9.3 +025	45	100	GT38-9.3	10



## III. Solid Carbide Tri Flute drill bits- GT39

Sl no	Item details	Flute length In mm	Overall length In mm	Product code	Qty
1	DIAMETER 3.3 +025	30	60	GT39-3.3	20
2	DIAMETER 4.1 +025	30	60	GT39-4.1	20
3	DIAMETER 4.2 +025	30	60	GT39-4.2	20
4	DIAMETER 4.86 +025	40	75	GT39-4.86	50
5	DIAMETER 4.9 <sup>-0</sup> +025	40	75	GT39-4.9	10
6	DIAMETER 5.1 +015	40	75	GT39-5.1	05
7	DIAMETER 6.1 -0 +025	40	75	GT39-6.1	20
8	DIAMETER 6.35 <sup>-0</sup>	40	.75.	GT39-6.35	10
9	DIAMETER 7.7 <sup>+015</sup>	. 45	100	GT39-7.7	10
10	DIAMETER 9.3 +025	45	100	GT39-9.3	10



## IV. Solid carbide Reamer- GT13

SI no	Item details	Overall length In mm	Product code	Qty
1	DIAMETER 6.4 +025	75	GT13-6.4	70
2	DIAMETER 6.6 +015	.75	GT13-6.6	10
3	DIAMETER 8.0 +015	80	GT13-8.0	10
4	DIAMETER 9.57 <sup>-0</sup>	80	GT13-9.57	15

#### Note:

- 1. Vendors should supply drill bits and other Items with their dimensional inspection reports.
- 2. Delivery within 60 days from the PO date to CSIR-NAL, Kodihalli Stores, Bengaluru-560017.

Tender No.: NAL/PUR/ACD/373/19-Y

#### **BID-SECURING DECLARATION FORM**

	Date:
	Bid No
To (ins	ert complete name and address of the purchaser)
I/We.	The undersigned, declare that:
I/We u	inderstand that, according to your conditions, bids must be supported by a Bid Securing Declaration.
I/We a from ti I/We	accept that I/We may be disqualified from bidding for any contract with you for a period of one year ne date of notification if I am /We are in a breach of any obligation under the bid conditions, because
(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)	
	(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.
Bidder	understand this Bid Securing Declaration shall cease to be valid if I am/we are not the successful, upon the earlier of (i) the receipt of your notification of the name of the successful Bidder; or (ii) thirty fter the expiration of the validity of my/our Bid.
	l: (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 he Bid Securing Declaration)
Duly a	uthorized to sign the bid for an on behalf of: (insert complete name of Bidder)
Dated	on day of(insert date of signing)
Corpor	ate 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.