

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/413/19-Y

Dated: 06-Jan-2020

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	Desktop Computer with 9 <sup>th</sup> generation Processor with additional graphics card. Please refer Annexure for detailed specification.	Nos	23
Single / Double Bid		Single	
Bid Security (EMD) (in INR)		42000/-	
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/413/19-Y dated: 06-Jan-2020	
3	Tender Type (Open/Limited/EOI/Auction/Single)	Limited 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	Desktop Computer with 9 <sup>th</sup> generation Processor with additional graphics card.	
11	Work Description	Desktop Computer with 9 <sup>th</sup> generation Processor with additional graphics card.	
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	Yes	
15	a) Tender Publishing Date -	07-Jan-2020	1800 Hrs
	b) Document Download Start Date-	07-Jan-2020	1800 Hrs
	c) Bid Submission Start Date-	07-Jan-2020	1800Hrs
	d) Bid Submission End Date-	27-Jan-2020	1000 Hrs
	e) Bid Opening Date-	28-Jan-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	25086040, 25086041	
20	E-mail Address	<a href="mailto:purchasek@nal.res.in">purchasek@nal.res.in</a>	
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 ( <a href="http://www.nal.res.in">www.nal.res.in</a> ) under the icon Tender-Purchase before formulating and submitting their bids	

**Note:**

- a) **Participation in this tender is by invitation only and is limited to the selected bidders. Unsolicited offers are liable to be ignored. However, bidders who desire to participate in such tenders in future may bring it to the notice of Procuring Entity and apply for registration.**
  
- b) **To get registered as an approved bidder with the procuring entity please refer our website [www.nal.res.in](http://www.nal.res.in) and submit.**

**Main Specification:** - Computer Desktop with one CPU, detail specification attached as annexure – I

### Annexure – I

Processor	Intel® Core i7-9700 processor with 3.0 GHz 12 MB cache, 8 cores, 8 threads
Chipset :	Intel Q300 series
FORM FACTOR :	MINI TOWER OR MICRO TOWER.
RAM :	16 GB, DDR4, 2666 MT/s, EXPANDABLE UPTO 64GB, MINIMUM 4 DIMM SLOTS
HDD :	2 TB SATA 7200 RPM
DVD :	8x SATA DVD R/W
POWER SUPPLY SMPS	Minimum 240 WATTS 85% EFFICIENCY, 230 VAC 50 HZ with Indian Power Cord
PCI SLOTS :	1 Full Height PCIe x16 1 Full Height PCIe x16 (wired x4) 2 full height PCIe x1
GRAPHICS :	GRAPHICS with Minimum 2GB Nvidia Graphics
FREE SATA PORTS :	2 or more ports
Ports	TOTAL USB 2.0 PORTS : ATLEAST 2 TOTAL USB 3.0 PORTS : ATLEAST 5
ETHERNET :	GIGABIT RJ45 - 10/100/1000 MBps compliant
CHASIS LOCK	Slot to lock the chasis for intrusion and safety
KEYBOARD :	DESKTOP USB KEYBOARD STANDARD WIDTH, 104 KEYS
MOUSE :	2 BUTTON, OPTICAL SCROLL MOUSE, USB
FRONT PORTS :	ATLEAST 2 WITH USB 3.0, UNIVERSAL AUDIO PORT FOR HEADPHONE/MIC
MULTIMEDIA STEREO SPEAKERS :	USB POWERED
WARRANTY :	5 YEARS ONSITE Part + Labour (Comprehensive) Warranty
MONITOR :	23 INCH or higher IPS Panel, 1920x1080, 5 ms refresh rate, With HDMI /display port connectivity
HDD BAYS :	1 NO. FREE 2.5 INCH OR 3.5 INCH
CERTIFICATIONS :	UL/CE, FCC certified, ENERGY STAR, EPEAT FOR BOTH DESKTOP AND MONITOR OEM Certifications : The PC, Monitor, Keyboard, Mouse shall be from the same OEM. Vendor shall provide a certificate of conformation through the OEM for the quoted model.
OPERATING SYSTEM :	Windows 10 Professional 64 Bit, Licensed, Preinstalled with Original Recovery Media with Drivers for OS restoration.
MS Office	MS Office 2019 Professional Academic License
DISK RETENTION :	Faulty HDD will be retained at the CSIR-NAL in case of warranty replacement for its data security norms.
BIOS Features :	OEM bios to support PASSWORD, UNIQUE SERIAL NO, Ports enable/disable feature, SATA config, date & time, LAN features, BIOS update over network,

Power Management :	Screen blanking, HDD and System Idle mode in Power ON state, sleep mode and hibernation
ONE TOUCH RECOVERY :	SYSTEM SHALL BE PRECONFIGURED FOR ONE TOUCH RECOVERY OF OS IN THE EVENT OF OS CRASH. ALL DETAILS ON THIS FEATURE IS TO BE PROVIDED.
TRUSTED PLATFORM MODULE :	TPM 2.0 OR BETTER
Network Cables	CAT6 UTP RJ-45 patch chord of length 3m

