

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/ACD/472/19-Y

Dated: 18-Dec-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	Supply and Installations of Computer work stations of Type-1, Type-2 and Type-3. Please refer Annexure for detailed specification	Nos	43
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/ACD/472/19-Y dated: 18-Dec-19	
3	Tender Type (Open/Limited/EOI/Auction/Single)	Open	
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	Supply and Installations of Computer work stations of Type-1, Type-2 and Type-3	
11	Work Description	Supply and Installations of Computer work stations of Type-1, Type-2 and Type-3	
12	Delivery Schedule	30 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 -	19-Dec-19	1800 Hrs
	b) Document Download Start Date-	19-Dec-19	1800 Hrs
	c) Bid Submission Start Date-	19-Dec-19	1800Hrs
	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	
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	

**Supply and installation of low level partitions
computer workstations**

Warranty on the computer workstations: 1Year after acceptance at site

Specification of low level partition and computer workstations

Workstation Type-1; Qty.: 40Nos.

Partition for workstation:

Partitions for computer workstations using 2"x2" Saal wood (seasoned and treated) for the frame structure fixed at every 2' level (Grid) up to a height of 4'6" with provision for accommodating raw power/ UPS cables and CAT cables for the computers at different levels in the partitions as specified in lay-out plan (Figure 1), followed by 8mm commercial ply of standard make cladded on either side of the partition using necessary hardware with approved color laminate of 1.2 mm thick for the exposed structure of the partition inclusive of hardware etc. The exposed top edge of the partition should be cladded with decorative Beachwood beading of size 4"x 1½" with melamine polish finish. The partition should be grouted to the ground firmly. Each workstation to be provided with sturdy leg-rest to the site condition integrated to the partition with adequate ply supports using 3"x2" Saal wood. A rectangular box for each workstation to keep CPU to be made of 19mm plywood of size 600mmx300mmx150mm with exposed areas laminated matching to the decor of the workstations.

Workstation Table:

Providing and fixing workstation tables 'L' type using 19 mm plywood integrated to partition itself as shown in the layout plan with provision for drawers and storage. Provision for keeping retractable computer key board to be made available in each workstation table. The exposed areas of the workstation tables should be laminated and all the plywood-edges to be cladded with wooden beadings and to be neatly polished. Hardware like telescopic channels for the drawers, stainless steel (SS) hinges for the storage unit and other fittings are to be provided of standard make. Arrange all 40 computer workstations as shown in lay-out plan (Figure 1) at site.

Soft Board for workstation:

Providing and fixing soft board-facility in the workstation areas using 12mm thick soft board followed by approved color and fabric, cladded with wooden beadings and to be fixed to the low level partition above the table top area of each workstation.

Materials:

Ply wood: Neem or Pine wood with ISI mark, preferably Moisture Resistance (MR) or Boiling Water Resistant (BWR) grade

Hardware fittings: standard make like Godrej, Ebco or equivalent of stainless steel

Lay-out Plan

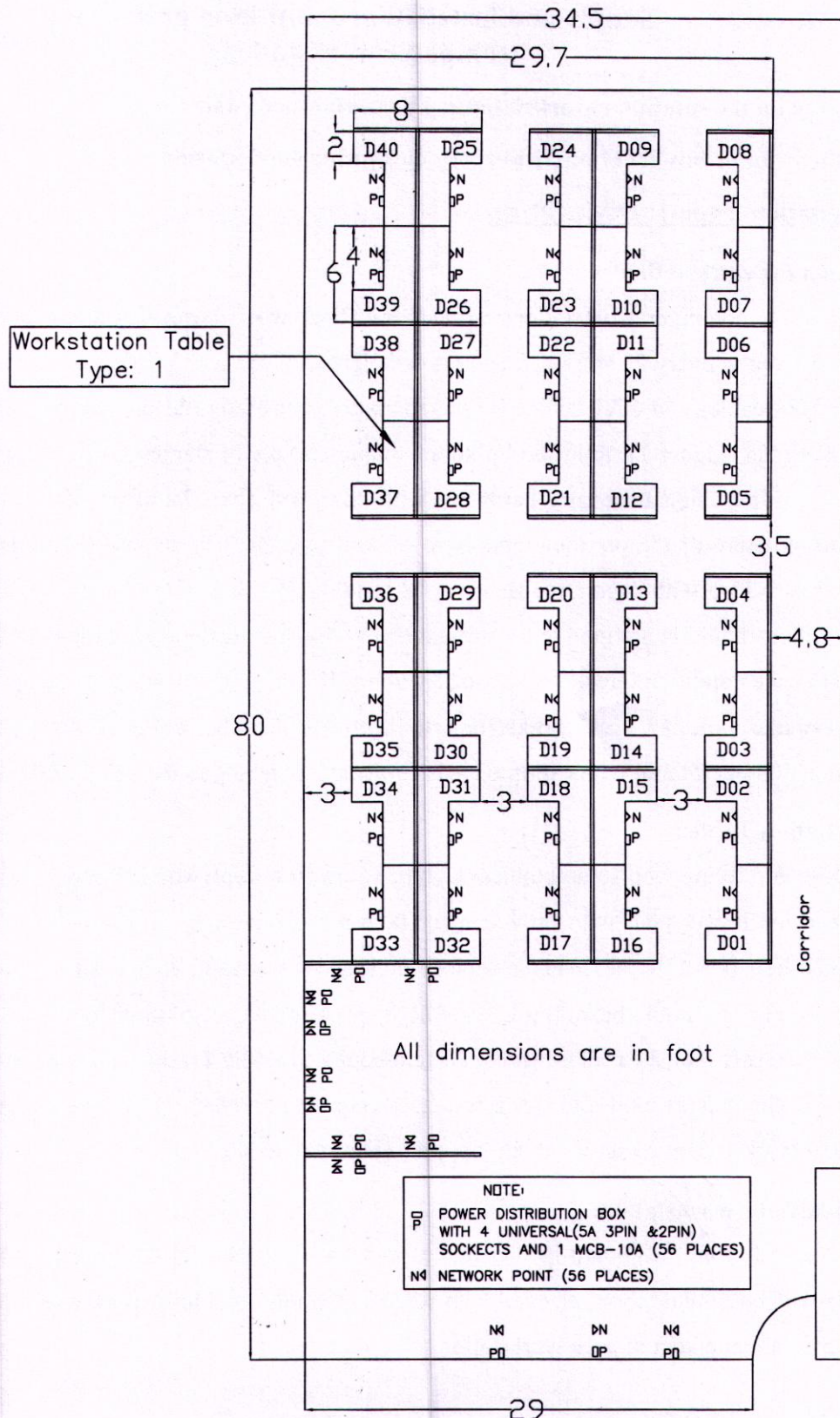


Figure 1.: Workstation table type – 1 in lay-out plan

[Handwritten signature]

Workstation Type-2; Qty. 2Nos.

Workstation Table – 2:

Providing two numbers of rectangle table top of size 6'x5' using 1" plywood of standard make, integrated to the table frame at 30" height. Top view of table with required fittings is shown in Figure 2. The exposed areas of both the table top should be laminated and all the plywood edges to be clad with wooden beadings and to be neatly polished. The bottom structural frame to be made of solid wood with four legs for each table. All four legs to be interconnect with metallic (mild steel) 1" square tube for rigidity and leg rest. Both the table top to be equipped with two sets of pop box each with electrical and data fittings for UPS and CAT cables to connect laptops/computers as shown in lay-out plan.

Modular pop-up box for workstation Table – 2:


A single sided ergonomically designed heavy duty pop up box enclosure that houses video, audio, data, and power connections on table as per dimensions given in workstation table type-2. The pop-up box should have 2 power, 1 HDMI, 1 VGA, 1 audio, and 1 RJ45 Cat6 data jacks. A picture (Figure 3) is shown for required pop-up box for reference.

In the closed position the black anodized aluminum top should be flushed with table. When the top unit is pressed, the unit should flip up at 45° angle for making connections. The unit should close when pressed on the top. The box to be fitted with hydraulic spring to provide smooth operation for opening and closing.

The tilt up box to be BS 1363 or equivalent certified

Detail specification of pop-up box

1. Make: Legrand, Honeywell, Anchor, Beechworth.
2. Color: black
3. Material: anodized aluminum
4. Pop-up height: 2.5"
5. Suitable to be fixed in 1" thick table top
6. 2 nos. of universal power socket (2' female ended universal power cables)
7. 1 no. of female VGA port
8. 1 no. of HDMI port
9. 1 no. of LAN (CAT) port to connect RJ45 network cable
10. 1 no. of USB port
11. 1 no. of audio port (1' female ended audio cable)
12. 2 year's warranty
13. Supply 2 sets of pop-up box with all necessary installation hardware separately as spare



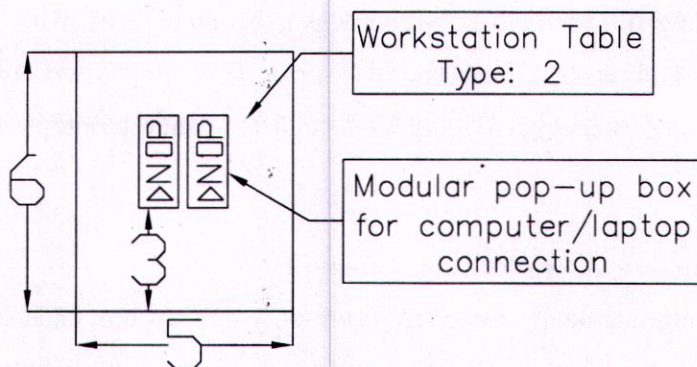
Ref: NAL/PUR/ACD/472/19-Y

Material type:

Ply wood: Neem or Pine wood with ISI mark, preferably Moisture Resistance (MR) or Boiling Water Resistant (BWR) grade

Hardware fittings: standard make like Godrej, Ebco or equivalent of stainless steel

Pop-up box: Standard pop-box as specified above



All dimensions are in foot

Figure 2.: Top view of workstation table type – 2



Figure 3.: Representation of modular pop-up box along with cable connected to box

Workstation Type-3; Qty. 1No.

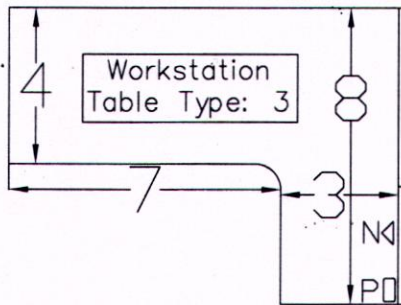
Workstation Table – 3:

Providing and fixing working tables 'L' type using 25 mm plywood of standard make integrated to table frame at 30" height with provision for drawers and storage. 2"x2" Saal wood (seasoned and treated) to be used for the frame structure fixed at 2' level with provision for accommodating raw power/ UPS cables and CAT cables for the computer as shown in Figure 4. Provision for keeping retractable computer key board to be made available in the table. The exposed areas of the table should be laminated and all the plywood edges to be cladded with wooden beadings and to be neatly polished. Hardware like telescopic channels for the drawers, SS hinges for the storage unit and other fittings are to be provided of standard make. CPU stand to be made using on 19mm ply box (Rectangular) of size 600mmx300mmx150mm with exposed areas laminated matching to the decor of the working table.

Material type:

Ply wood: Neem or Pine wood with ISI mark, preferably Moisture Resistance (MR) or Boiling Water Resistant (BWR) grade

Hardware fittings: standard make like Godrej, Ebco or equivalent of stainless steel



All dimensions are in foot

Figure 4.: Top view of workstation table type – 3

Tender No.: NAL/PUR/ACD/472/19-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.