

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/467/20-Y

Dated: 24-Feb-2021

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	Supply and Installation of Modular Workstation	Nos	40
2	Supply and Installation of Conference Table	Nos	02
3	Supply and Installation of L Shaped Table	No	01
	Please refer Annexure-I for detailed specification.		

Single / Double Bid	Double	Tender Type	Open
Bid Security (EMD) (in INR)	Bid Security Declaration should be enclosed with quotation	Bid submission end date	15-Mar-2021 10.00 Hrs
Performance Security	3% of the Purchase Order Value.	Bid opening date	16-Mar-2021 11.00 Hrs

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 prospective bidders are requested to refer to the Standard Terms and Conditions available on NAL Internet ([www.nal.res.in](http://www.nal.res.in)) under the icon Tender-Purchase before formulating and submitting their bids
07. 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.

  
Sr. Controller of Stores & Purchase  
For and on behalf of CSIR-NAL

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

### Annexure - 1

Technical specification for the modular workstations (cubicles)

- A. **ITEM '1':**- Supply and installation of modular workstation (40 Nos.) as per lay-out plan
- B. **ITEM '2':**- Supply and installation of conference table (2 Nos.) as per lay-out plan of size 6' x 5'. These tables to be joined together to make table size of 12' x 5'. This table does not have any elevation above table top
- C. **ITEM '3':**- Supply and installation of L shaped table (1 No.) as per lay-out plan. This table does not have any elevation above table top

**Note:** Cut out for electric box fitting in the modular workstations to be carried out in coordination with CSIR-NAL personal.

**Warranty:** A certificate for one-year onsite warranty for all the items and accessories to be provided.

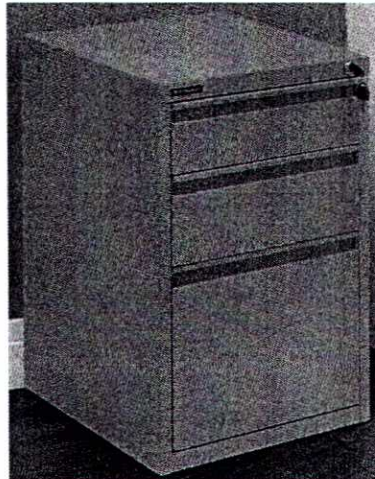
#### **Main frame**

- 1. Modular tile based frame shall consist of 1.5mm CRCA grade metal structure.
- 2. The partition panels shall be tile based & shall have thickness of 60mm-75mm.
- 3. The frame work shall be made of Knockdown metal frame comprising of vertical sections made from minimum 1.5 mm CRCA, MS grade 'D' as per IS: 513-1994 formed into channels of minimum size 40mm X 50mm duly powder coated (coating thickness 50 to 60 micron).
- 4. These vertical channels shall have suitable and sturdy arrangement to accept tile cladding.
- 5. All exposed vertical edges of partition panels shall be finished with contoured edged powder coated aluminium section of minimum 1 mm thickness as per grade He-9-63400 as per IS: 733-1983 (or Latest if any).
- 6. Connectors shall be of die cast aluminium with a waterfall edge for a continuous transition from horizontal to vertical trim.
- 7. Panel should have cut-outs of required sizes for installing electrical standard switch boards and CAT ports.
- 8. Separate slots should be made in the frame for passage of data and electrical wires.
- 9. End cap, in-line cap, universal caps, if any shall be of aluminium extrusions.
- 10. Top & vertical trim, if any shall be made up of aluminium extrusions.
- 11. 2 way / 3 way post shall be made up of minimum 1.5 mm CRCA material.
- 12. Connectors - 2 way / 3 way / 4 way, shall be of aluminium die cast.
- 13. Frame shall be clad with a combination of metal embossed tiles at below the work space level and fabric magnetic tiles above the workspace level.
- 14. Provision of metal fascia at the skirting level shall be provided for the wire management.

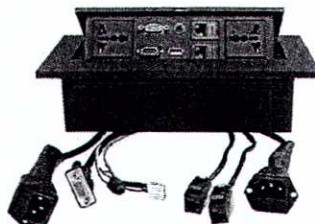


**Other common features:**

1. All workstations should have separate runway provision for electrical and LAN cable.
2. All workstations should have soft board, writing board and pin board attached
3. 44 Nos. of pedestal (Figure-1) with 3 drawers to be provided (40 Nos. for workstations (**ITEM 1**), 2 Nos. for conference table (**ITEM 2**) and 2 Nos. for L shape table (**ITEM 3**)).
4. 4 Nos. of standard make (Legrand, Honeywell, Anchor etc.) modular pop-up box to be fixed to the conference table (**ITEM 2**) as shown in the lay-out plan. These pop-up box should have provision for 2 power adaptor, 1HDMI, 1 VGA, 1 audio and 1 RJ45 CAT 6 data jacks. A picture (Figure 2) is shown for required pop-up box for reference. In the closed position the 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 pop-up box to be BS 1363 or equivalent certified.



**Figure 1.: Schematic representation of pedestal**



**Figure 1.: Schematic representation of modular pop-up box along with cable**



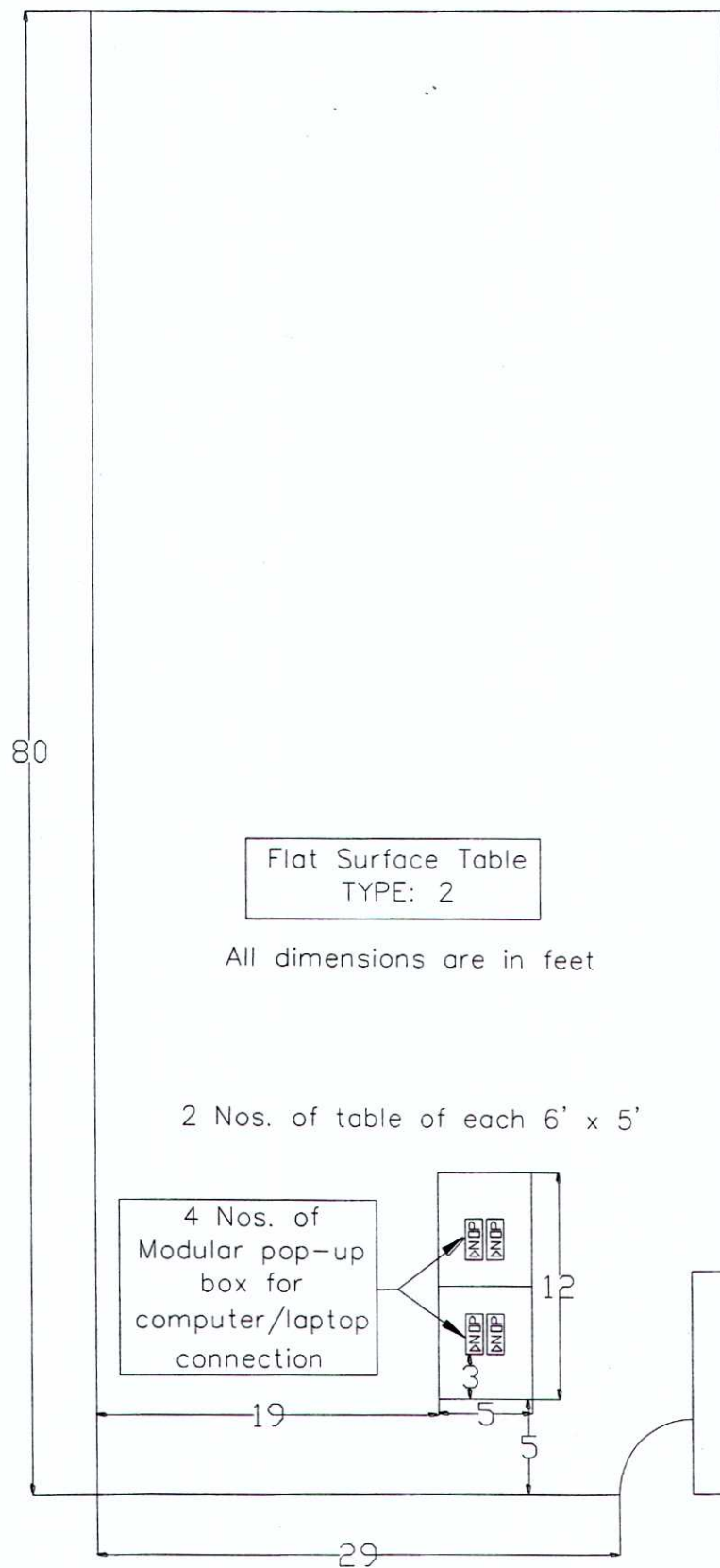


Figure 3: Lay-out plan for workstations (ITEM 2)

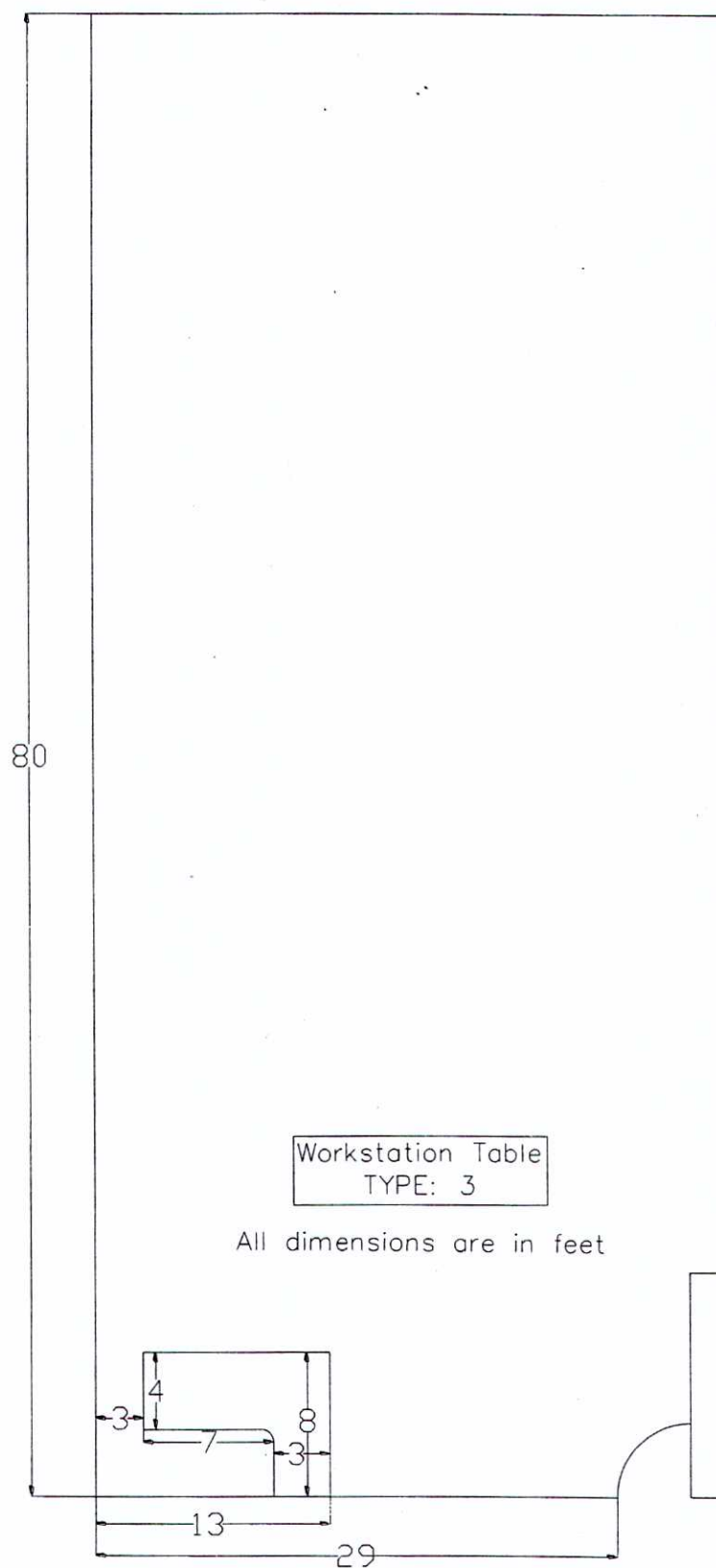


Figure 4: Lay-out plan for workstations (ITEM 3)

### **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 refuse 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.