



National Center for Biological Sciences

Tata Institute of Fundamental Research

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Ref:NCB/CA19-92/191403

November 04, 2019

ENQUIRY

To

=> By Speed Post/Courier

Dear Sirs

Please let us have your Quotation for the following:

S.No.	Item Description	Qty	UOM
1	Supply, Installation, Testing Commissioning of AIR-SHOWER: Size 1200 x 1100 x 2600 MOC SS-304 Complete as per attached Specifications. Site layout, elevation drawing enclosed for reference.	1.00	SET

NOTE :

1.Please provide authorization letter from OEM along with quotation.

1. The quotation shall be submitted in a sealed envelope duly superscribed with the enquiry number, and the due date for Ref No: 191403. The bids should be addressed and to be mailed/couriered (sent by post/courier) to 'THE HEAD-PURCHASE'.

The bids are liable to be rejected if the sealed envelope is not addressed to "THE HEAD-PURCHASE" with Tender Ref No. and Item Description and due date. The bids delivered in person shall be dropped in Purchase Section. If the bids are sent through courier or mail, it should reach by submission date and time and NCBS will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS 25/11/2019 BY 5.30PM.

3. QUOTATIONS RECEIVED AFTER THE DUE DATE SHALL BE REJECTED.

4. The validity of your quotation should be for 60 days from the due date.

5. All duties, taxes, surcharge and cess as currently applicable must be stated in your quotation, separately. Otherwise your quote is liable to be rejected.

6. Your quotation should indicate delivery period & warranty period.

7. Delivery to be made to our stores. Please indicate charges, if any extra. Transit Insurance should be done upto NCBS Stores.

8. If you are unable to supply the quality, specifications or brand as mentioned in our enquiry, please state so and then offer alternative to quality/specifications.

9. Payment: within one month after delivery & acceptance/satisfactory installation.

10. Please ensure that the enquiry number and the due date is superscribed on the envelope failing which your quotation is liable to be rejected.

11. Since we are a public funded research institution, we are exempted from paying Customs duty (Except ad valorem duty of 5% + 2% Cess and 1% Cus Sec & High Edu. CESS vide Notification No.51/96 with latest amendments) and excise duty vide Notification No. 10/97 CENTRAL EXCISE dated 01-03-1997 for all scientific equipments, technical instruments, equipments (including computers), their accessories, spares, consumables and software. Hence, please offer your prices

12. If the item is covered under DGS&D rate contract, please quote the rate as per the DGS&D rate contract with xerox copy of the DGS&D order.

13. Any dispute or differences that may arise between the parties shall be referred to the sole arbitration of the Centre Director or his nominees. The decision of the arbitrator shall be final and binding on the parties. The venue for arbitration shall be Bangalore. The provisions of the Arbitration and Conciliation Act, 1996 as amended from time to time shall apply. The courts in Bangalore shall have exclusive jurisdiction to deal with any or all disputes between the parties.

14. TIFR is a public funded research institute and is entitled to concessional rate of GST @ 5% for certain items supplied for reresearch purpose vide notification no. 47/2017 and 45/2017 dated 14th Nov, 2017. The offer should be submitted after fully considering the above notification.

15. Liquidity Damages: If the equipment/ items as per specifications in our P.O. is not supplied (shipped) within the specified delivery schedule, then liquidated damages (not in terms of penalty) will be imposed automatically and shall be deducted from the bill at the rate of 0.5% per week subject to a maximum of 10% of the order value.

16. Income Tax at the applicable rates as per the Indian Income Tax Act 1961 will be deducted at source for the services availed / ordered. In case of service provider, the rate of tax deduction shall be at 2% as per Section 194C, and in case of fee for professional / technical services under section 194J, the tax reduction shall be at the rate of 10%. In case service provider does not provide PAN number, the deduction shall be at 20% under section 206 AA.

-Tax Deduction Certificates will be provided on request for non PAN holders & Foreign Vendors and PAN holders could avail them through NSDL site dealing with 26AS.

17. The Price quoted against this RFQ should be extended to Bangalore Life Science Cluster (BLiSc) of NCBS, Instem and C-CAMP for placing repeat order as per norms, by any one or all institutes of Bangalore Life Science Cluster (BLiSc).

Yours faithfully
For and on behalf of
National Centre for Biological Sciences

For. [Signature]

Head Purchase

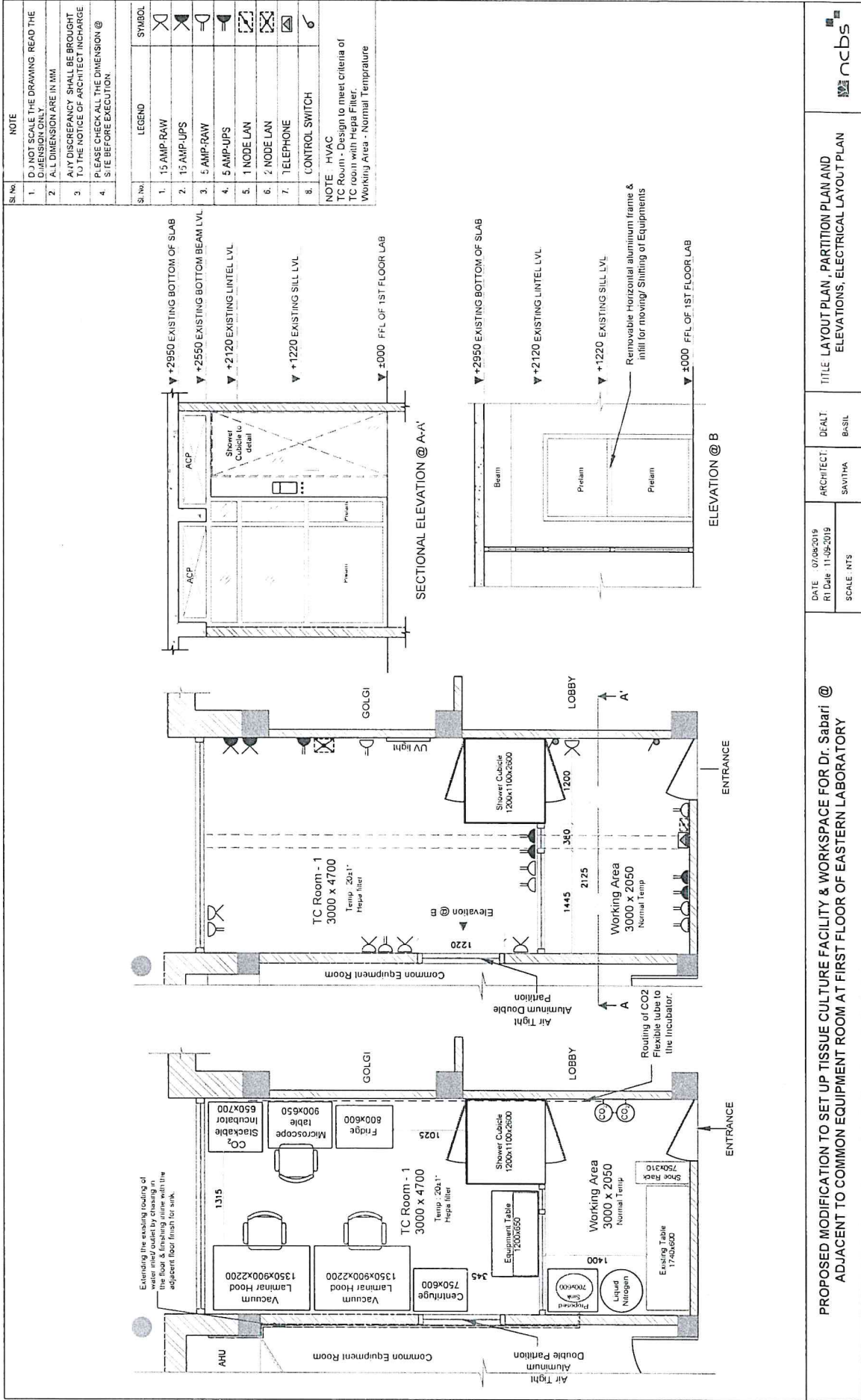
NCBS SPECS

Sl No.	Particulars	Description
1	ITEM	AIR SHOWER
	DOOR ORIENTATION	STRAIGHT ENTRY- STRAIGHT EXIT
2	MOC	BOTH INNER & OUTER SIDE TO BE SS 304 (BRUSHED FINISH)
3	CLEANLINESS CLASS	100
5	SIZE	OVERALL DIM : 1200 (W) X 1100 (D) X 2600 (H) MM
6	SUPPLY FILTER	MINIPLEAT HEPA AIR FILTER EFFICIENCY : 99.997% DOWN TO 0.3 MICRON GRADE: H – 14 MEDIA : MICRO GLASS FIBRE PAPER (IMPORTED) INITIAL P.D. : 15 MM OF W.G. FINAL P.D. : 40 MM OF W.G. SEPERATOR : HOT MELT GLOVE SEALING: EPOXY BASED PU ADHESIVE CASING: FACTORY EXTRUDED AL. SECTION, BOX
7	PRE FILTER	PRE FILTER FOR SECONDARY SUCTION GRADE:F7 GRADE AS PER BSEN 779 INITIAL P.D. : 6.5 MM OF W.G. FINAL P.D. : 13.0 MM OF W.G. SEPERATOR : ALUMINIUM SEALING: EPOXY BASED PU ADHESIVE
8	HEPA TESTING PORT	DOP INTRODUCTION PORT FOR UPSTREAM CHALLENGE OF THE HEPA FILTER
9	BLOWER MOTOR ASSEMBLY	ELECTRIC MOTOR - OF REQUIRED CAPACITY, 1 PHASE, 430 V AC, 50 HZ. G.I. IMPELLER, STATISTICALLY AND DYNAMICALLY BALANCED. MINIMUM AIR-FLOW - 5000CFM
10	SOUND	<60 dB AT 1MTR DISTANCE FROM THE AIR-SHOWER UNIT
11	AIR JET NOZZLES	AIR VELOCITY – 25 M/SEC AT SIDE NOZZLE & 22 M/SEC FROM TOP NOZZLE SIDE NOZZLES - 12 NOS TOTAL, 6 FOR EACH PANEL TOP NOZZLES - 4 NOS
12	DOORS	FULL TOUGHENED GLASS DOOR WITH STANDARD SS HINGES, CLOSER, SS HANDLES AS PER CLEAN ROOM STANDARDS. INTERLOCKING SYSTEM FOR BOTH ENTRY AND EXIT DOOR. CLEAN ROOM COMPATIBLE
13	CONTROL LOGIC	STANDARD MICROPROCESSOR BASED CONTROLLER FOR COMPLETE CONTROL OF AIR SHOWER WITH ELECTROMAGNETIC INTER LOCKING OF DOORS, BLOWER ETC COMPLETE. AUTO AND MANUAL OPTIONS, SEPARATE KEY / PUSH BUTTONS SHALL BE PROVIDED. EMERGENCY STOP & DOOR RELEASE SHALL ALSO BE PROVIDED. LIGHTING SHALL HAVE INDEPENDENT PROTECTION AND CONTROL. AUXILLARY SOCKET ONE NO. 5/15AMP, 230 V SOCKET OUTLET WITH INDEPENDENT CONTROL SWITCH TO BE PROVIDED.
14	ELECTRICALS	* ON/OFF SWITCHES FOR OPERATING B/MOTOR, TUBE LIGHT AND AUXILLARY SOCKET * AUTOMATIC DOOR INTERLOCKING SYSTEM ALONG WITH ELECTROMAGNETS, TIMER, MAGNETIC STRIP, EMERGENCY RELEASE SWITCH AND DOOR INDICATOR TO BE PROVIDED * LIGHT – 20 W, PHILLIPS MAKE LED TUBE LIGHT– 01 NO.
15	FLOORING	SS 304
16	MAKE	KLEANZAID, ESCO, ENVIRCO, TERRANOVA, TERRAUNIVERSAL

For and on behalf of
National Centre for Biological Sciences

For. Newl

Head-Purchase



SI. No.	NOTE
1.	DO NOT SCALE THE DRAWING READ THE DIMENSION ONLY
2.	ALL DIMENSIONS ARE IN MM
3.	ANY DISCREPANCY SHALL BE BROUGHT TO THE NOTICE OF ARCHITECT/INCHARGE
4.	PLEASE CHECK ALL THE DIMENSION @ SITE BEFORE EXECUTION

SI. No.	LEGEND	SYMBOL
1.	15 AMP-RAW	
2.	15 AMP-UPS	
3.	5 AMP-RAW	
4.	5 AMP-UPS	
5.	1 NODE LAN	
6.	2 NODE LAN	
7.	TELEPHONE	
8.	CONTROL SWITCH	

DATE	07.06.2019	ARCHITECT	SAVITHA	DEALT.	BASIL	TITLE LAYOUT PLAN, PARTITION PLAN AND ELEVATIONS, ELECTRICAL LAYOUT PLAN	
RT Date	11.06.2019	SCALE	NTS				

PROPOSED MODIFICATION TO SET UP TISSUE CULTURE FACILITY & WORKSPACE FOR Dr. Sabari @ ADJACENT TO COMMON EQUIPMENT ROOM AT FIRST FLOOR OF EASTERN LABORATORY

For and on behalf of
National Centre for Biological Sciences
For. Sabari
 Head-Purchase