



राष्ट्रीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, भुवनेश्वर
(परमाणु उर्जा विभाग, भारत सरकार का एक स्वयं शासित संस्थान)
NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, BHUBANESWAR
(AN AUTONOMOUS INSTITUTE UNDER DEPT. OF ATOMIC ENERGY, GOVT. OF INDIA)

Notice Inviting E-Tender No.: NC-000708-BIO-16-17

Dynamic Pass Box, Static Pass Box and Air Shower



NATIONAL INSTITUTE OF SCIENCE EDUCATION & RESEARCH
JATNI CAMPUS, P.O. – BHIMPUR-PADANPUR, VIA-JATNI
KHURDA – 752050, ODISHA, INDIA

Notice Inviting E-Tender
Supply & Installation of
DYNAMIC PASS BOX, STATIC PASS BOX AND AIR SHOWER

E- Tenders are invited on behalf of the Director, National Institute of Science Education and Research, Jatni from the manufacturers(Indian or Foreign) and their authorised reseller/Indian agent only for supply & installation of the following items:-

<i>Sl. No.</i>	<i>Name of the Items</i>	<i>Tender No.</i>	<i>Name of Department</i>	<i>Qty. Nos.</i>	<i>Tender Fee in INR</i>
1.	Wall Mounted Static Pass Box	NC-000708-BIO-16-17	School of Biological Sciences	02 Nos.	0.00
2.	Floor Mounted Static Pass Box			01 No.	
3.	Wall Mounted Dynamic Pass Box			2 Nos.	
4.	Air Shower			01 No.	

<i>Sl. No.</i>	<i>Name of the Items</i>	<i>Tender No.</i>	<i>Name of Department</i>	<i>Qty. Nos.</i>	<i>EMD in INR</i>
1.	Wall Mounted Static Pass Box	NC-000708-BIO-16-17	School of Biological Sciences	02 Nos.	16,000.00
2.	Floor Mounted Static Pass Box			01 No.	
3.	Wall Mounted Dynamic Pass Box			2 Nos.	
4.	Air Shower			01 No.	

NB: I. PARTIES REGISTERED WITH MSME/NSIC/SSI/DAE AND FOREIGN PARTIES QUOTING DIRECTLY ARE EXEMPTED FROM PAYING EMD.

II. THERE IS NO EXEMPTION FOR TENDER FEE OTHER THAN THE FOREIGN PARTIES QUOTING DIRECTLY.

III. PARTIES REGISTERED WITH MSME/NSIC/SSI/DAE SHOULD HAVE VALID CERTIFICATE FOR THE ITEMS BEING TENDERED WHICH SHOULD REFLECT IN THE CERTIFICATE.

- **Tender Enquiry No** : **NC-000708-BIO-16-17**
- **Last date of submission of E-bid** : **24.10.2019 up to 11.00 A.M**
- **Opening of Technical and Financial bid** : **25.10.2019 at 11.30 A.M**

The details of general tender terms & conditions can be downloaded from <https://eprocure.gov.in/epublish/app> or Tender Free View Link from NISER Website <https://www.niser.ac.in/content/tender>.

Sd/-
FIC (Stores & Purchase)



TECHNICAL BID
Supply & Installation of
DYNAMIC PASS BOX, STATIC PASS BOX AND AIR SHOWER
FOR

NATIONAL INSTITUTE OF SCIENCE EDUCATION AND RESEARCH, JATNI
Notice Inviting E-Tender No. NC-000708-BIO-16-17

Vendor Name				
SL. No.	Item Specification	Qty.	Accepted/ Not Accepted (Kindly Mention)	Please specify if any deviation
	<p><u>General terms and conditions</u></p> <ol style="list-style-type: none"> 1) The installation and commissioning of the said equipment will be in the scope of supplier. 2) The equipment will be installed at new animal house building which is under construction. 3) The size mentioned may vary a bit depending on the inspection of actual site. The building is still under construction, hence the actual dimensions of pass box or air shower may vary a bit depending upon the finished site. The party getting the purchase order is required to visit the site and take actual dimensions and thus customize the product according to requirement. The pass boxes and air shower should be sealed with the puff panels being used for partition and ceiling. The location of installation and drawings will be shared with the bidder on request. 4) Payment- 80 percent of payment will be made on delivery of all the material along with required certification and warranty certificate. As the actual date of completion of site is not known hence the date of installation will be intimated to the supplier in consultation with party undertaking the construction work. Remaining 20 percent payment will be made after installation and commissioning of product. 5) ISO 9001:2008 and CE certification is mandatory. 6) The location of pass box (PB) and air shower (AS) is marked in the drawing given along tender document. 			
1.	Wall Mounted Static Pass Box	02 Nos.		
I.	SS 304 (1.2MM) internal and external GI powder coated with UV and LED along with automatic door interlocking system.			
II.	Double walled acrylic view panel doors with UV stabilized polycarbonate layer, SS Handles and SS hinges, electromagnetic Interlock system,			

	indicator on either side, door release switch on either side.			
III.	Internal corners should be covered for easy cleaning.			
IV.	Differential Pressure Gauge: 1 No.			

Sl. No.	Inside Dimension(In mm)			Type	Outside Dimension (In mm) (approx.)
	Length	Width	Height		
1	600	600	600	Wall mounted- Installed on first floor at media preparation area.	As per standards or actual measurement at site
2	600	600	600	Wall mounted- Installed on First floor sample/ processing diagnostic lab	

2.	Floor Mounted Static Pass Box	01 No.		
I.	SS 304 (1.2MM) internal and external GI powder coated with UV and LED along with automatic door interlocking system.			
II.	Double walled acrylic view panel doors with UV stabilized polycarbonate layer, SS Handles and SS hinges, electromagnetic Interlock system, indicator on either side, door release switch on either side.			
III.	Internal corners should be covered for easy cleaning.			
IV.	Differential Pressure Gauge: 1 No.			

Sl. No.	Inside Dimension(In mm)			Type	Outside Dimension (In mm) (approx.)
	Length	Width	Height		
1.	900	900	900	Floor mounted (four sided) - installed on first floor between GM animal area and experimentation area.	

3.	Wall Mounted Dynamic Pass Box	02 Nos.		
I.	Prefilter (95% down to 5 micron), HEPA Filter (efficiency better than 99.999% down to 0.3 micron), very low noise and vibration (less than 67 db). HEPA filter should be DOP tested.			

II.	SS 304 (1.2MM) internal and external GI powder coated with UV and LED along with automatic door interlocking system.								
III.	Double walled acrylic view panel doors with UV stabilized polycarbonate layer, SS Handles and SS hinges, electromagnetic Interlock system, indicator on either side, door release switch on either side.								
IV.	Internal corners should be coved for easy cleaning.								
V.	Differential Pressure Gauge: 1 No.,								
VI.	On / Off Switch for Motor and lights								
VII.	AIR FLOW 0.45m/s to 0.65 m/s.								
Sl. No.	Inside Dimension(In mm)			External Dimensions in mm (approx.) or as per actual site measurement (may vary)			Type		
	Length	Width	Height	Length	Width	Height			
1	900	900	600	1000	950	1100	Wall mounted to be installed on ground floor entrance		
2	900	900	800	1143	1143	2743	Wall mounted- To be installed on first floor at infectious animal holding area		

4.	Air Shower	01		
I.	Material of construction – External GI Powder Coated, flooring stainless steel 304			
II.	Two Stage filtration			
III.	Prefilter (95% down to 5 micron) for return air & fresh air intake HEPA Filter (99.999% down to 0.3 micron) at supply position			
IV.	Stainless steel air nozzles			
V.	LED lights inside cabinet			
VI.	Doors with double walled flush glass view panels & door closer			

VII.	Statically & Dynamically balanced Motor-blowers with suspension arrangement to reduce noise level for suction and booster			
VIII.	Differential Pressure Gauge : 1 No.			
IX.	ON/OFF Switches			
X.	5/15 Amp Switch Socket for external equipment			
XI.	Control Systems – to ensure that both the doors cannot open at the same time & to ensure that both the doors will be locked during the time air flow is on.			
XII.	Timer for setting Air Shower operation time (settable for 30 seconds to 5 minutes)			
XIII.	Emergency STOP. Automatic as well as Manual Mode			
XIV.	Noise level < 60 db			
XV.	Shower jet velocity should be more than 20±2 meter/ second			
XVI.	Inside dimensions should be: - 900 x 900 x 2200(L x W x H In mm). Outside dimensions should be: - 1346 x 2012 x 2133 (L x W x H In mm). Doors at right angle.			
5.	Above item should carry <i>One year onsite full comprehensive free warranty</i> . In case the tendered provide warranty less than 01 year then he has to give justification for lesser period of warranty. Without justification his tender is liable to be rejected.			

Contact for information: (Only E-mail enquiries will be entertained)

For Technical Information:-

Dr. Saurabh Chawla

School of Biological Sciences

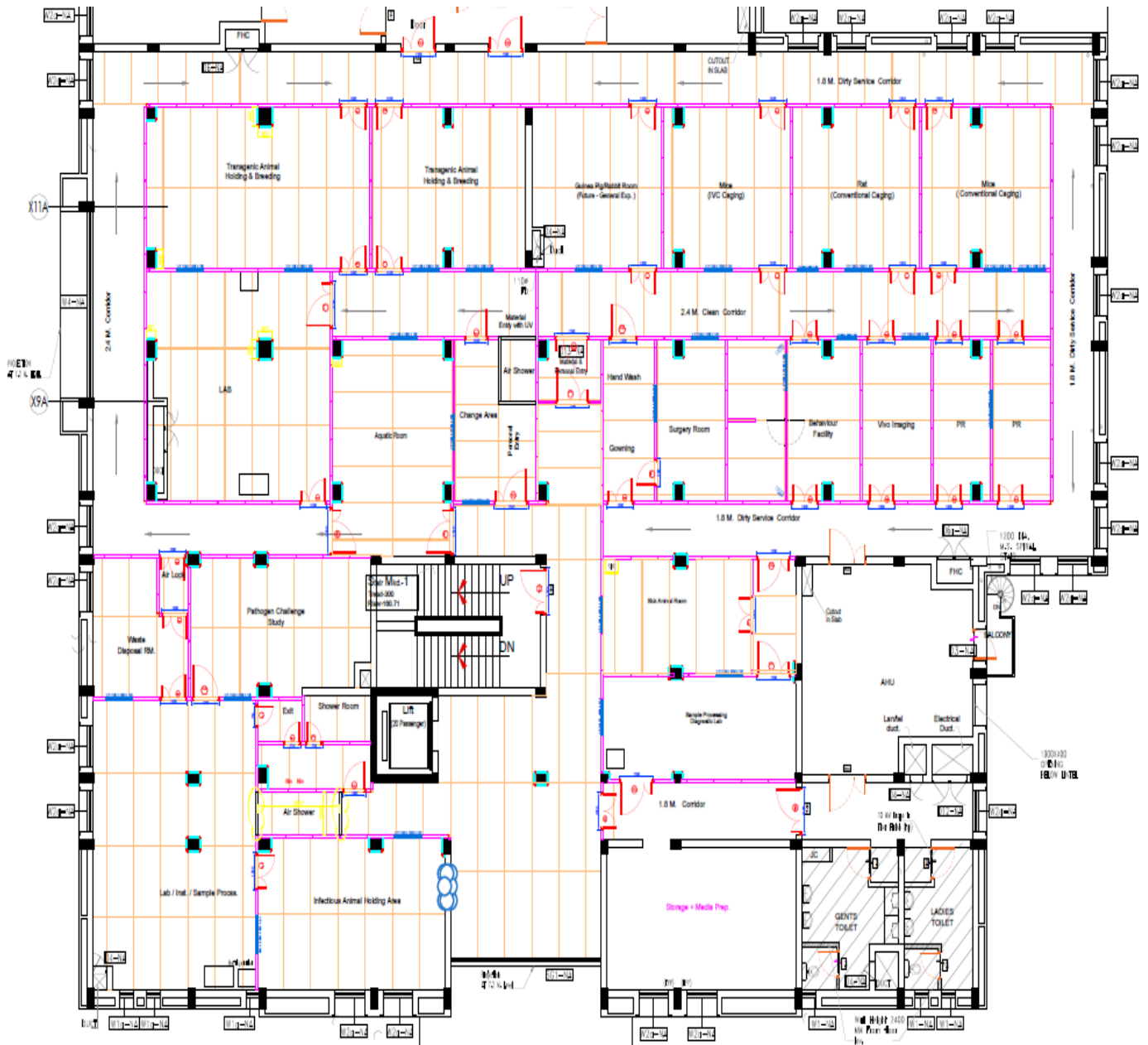
E-Mail – Saurabh Chawla <saaurabhchawla@niser.ac.in>

Sd/-

INDENTING OFFICER

GROUND FLOOR PLAN





FIRST FLOOR PLAN