



भाकृअनुप-राष्ट्रीय उच्च सुरक्षा पशुरोग संस्थान  
ICAR-National Institute of High Security Animal Diseases

(एवियन इन्फ्लूएंजा ओ.आई.ई. संदर्भ प्रयोगशाला)  
(OIE Reference Laboratory for Avian Influenza)  
आनंद नगर, भोपाल - ४६२०२२ (म.प्र.), भारत  
Anand Nagar, Bhopal - 462022 (M.P.), India



EPABX Tel. No. 0755-2757542, 2750647, FAX: 0755-2758842, Website: www.nihsad.nic.in

F. No. 9-19/17-18/NIHSAD (P&S)

Dated: - 05.06.2017

To

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Sub: - Purchase of HEPA Filters for HVAC System - reg.

Sir,

We intend to purchase the HEPA Filters for HVAC System as detailed below for our Institute:-

Description	Qty.
HEPA Filters Size 610x610x305mm (Specification & Drawing enclosed)	25 Nos.

**Other Terms & Conditions: -**

1. The supplier(s) has to get the full size sample HEPA Filter (as per the specification & drawing enclosed) approved from NIHSAD before delivery of the items in full.

You are requested to please send us a **Quotation** of the above mentioned items. Please note that: -

1. Rates are to be quoted on F.O.R. NIHSAD, Bhopal.
2. Warranty is to be offered for reasonable period.
3. Taxes, if any, to be shown separately.
4. E-Payment will be made within 30 days from the date of receiving of goods in satisfactory condition.
5. Date & Time of Opening (Tentative):- 27.06.2017 at 11:30 AM.
6. Validity of offer: 120 Days.
7. Delivery Period: 30 days.

The Quotation may be submitted upto **26<sup>th</sup> June, 2017** in a closed envelope duly superscribed.

Yours sincerely,

(S. K. GUPTA)  
Sr. Adm. Officer

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SPECIFICATION FOR HEPA FILTER

The frames are fabricated 16 SWG anodized aluminium.

The filtering medium in these filters are imported glass fibre media.

The media is pleated into several folds and these folds are separated by spacers made of Aluminium foil. This ensures uniform flow of air throughout the face of the filter.

The media pack along with the aluminium spacers are bonded to the frames by an epoxy based adhesive.

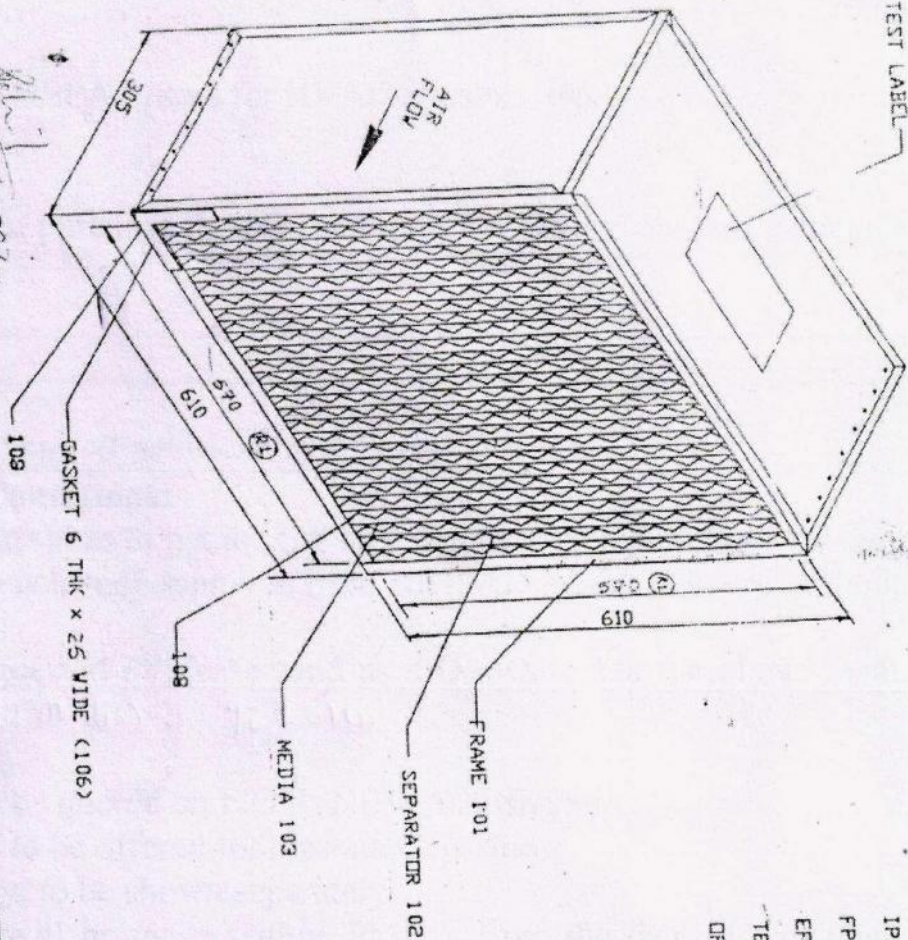
A set of jointless neoprene rubber gaskets are provided for proper fitment of the filter in its seat.

A drawing of HEPA filter is enclosed for reference( **Anfilco Ltd Drawing No.2G39E99 R1**)

1	Size( mm)	610x610x305
2	Efficiency	99.97% down to 0.3 microns( as tested by particle counter)
3	Media	Imported micro glass fibre, epoxy sealing
4	Rated flow	1300 CFM
5	IPD	25 mm WG at rated flow
6	FPD	75 mm WG
7	Filter frame	Al anodized,16 swg
8	Gasket	Neoprene rubber on both faces ( Jointless )
9	Testing	As per FED 209D with cold D.O.P / PAO
10	Penetration	0.01% of DOP /PAO ( as tested by a photometer)
11	No. of folds (Media)	72 Folds.

Drawing for HEPA Filters for HVAC System

THIS Dwg IS PROPERTY OF COMPANY AND MUST NOT BE USED IN ANY MANNER DETRIMENTAL TO THE INTEREST OF THIS COMPANY



SPECIFICATIONS :-

- AIR FLOW - 2000 M<sup>3</sup>/HR
- IPD 125 MM WG (MAX)
- PPD 1.75 MMWG
- EFFICIENCY 99.97 % DOWN TO 0.3 MICRON
- TEST METHOD - DOP TEST
- OPERATING CONDITIONS - MAX 120 AND 100 % RELATIVE HUMIDITY

NOTE :-

- TOLERANCES - FACE DIMENSION + 0, -3 MM
- DEPTH + 1.5, - 0 MM
- FACE DIAGONALS OF BOTH FACE SHOULD BE EQUAL WITHIN 3 MM.

SNO	DESCRIPTION	PART NO	QTY.	MATL/REMARK
108	ADHESIVE	99999999A10	AR	EPDXY HARDNER
107	ADHESIVE	99999999A21	AR	SR-998
106	GASKET	2639E99049	02	RUBBER (SHEET) NEOPRENE 6TK
105	NUT	2639E99087	08	-
104	SCREW	2639E99130	08	-
103	MEDIA	99999999M23	AR	GLASS FIBRE
102	SEPARATOR	2639E99122	AR	AL 0.03 THK
101	FRAME	2639E99038	01	16 SWG AL ANODI

CUSTOMER: IVRI BHOPAL

UNLESS OTHERWISE SPECIFIED  
1. ALL DIMENSIONS ARE IN MILLIMETERS  
2. UNLESS TOLERANCES  
OTHERWISE  
SPECIFIED  
(X 0.01)  
(X 0.02)  
(X 0.05)  
ALL DIMENSIONS  
SHALL BE TO  
SCALE DRAWING

**ANFILCO LTD . GURGAON**

DRAWN: [Signature]  
CHECKED: [Signature]  
APPROVED: [Signature]  
MATERIAL: AS ABOVE  
SCALE: NTS

DRG. NO. 2639E99  
SHEET 1 OF 1

DATE: 22/1/16	Dim. 5 TO ADDED GASKET M.	3	SINGLE PIECE.
DCN NO.	APPROD		