

Ref: **INS/L-5140/2019-2020(Y)**


Date : 09/05/2019

ENQUIRY

Dear Sirs,

Please let us have your lowest Quotation for the following :

Sl.No	Cat.No	Item Description	Make/Model	Item Qty	UOM
1		Supply of Flange type HEPA Filter Specification of HEPA Filter: Overall dimensions: 610 x 610 x 300 mm Air flow: Min. 1000 cfm through each filter Flange type Filter, the flange shall be on air entry side Construction: HEPA filter medium shall be constructed from water repellant, fire retardant all glass micro fiber paper , pleated over corrugated aluminium separators. The filter element bonded to a filter frame of anodized aluminium casing with synthetic resin based plastic adhesive and rubber based for fixing the closed pore, soft neoprene sponge 6 mm thick gasket. Performance: The filter shall be suitable for an operating efficiency of 99.97 % for particle size 0.3 micron with 0.03% penetration on DOP test method. The filter to be tested at manufacturer's works The initial pressure drop across filter shall not exceed 20 mm wg. The face velocity at the face plane of the filter shall be 1.4m/s, On media shall be 0.023m/s. Note: 1.Soft Neoprene sponge gasket 6 mm thick Gasket. AAF/Spectrum filter (Specifications Attached)		20.00	Nos.





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Remarks :

Note :

1. The bids shall be enclosed in an envelope , and due date sealed duly marked "Tender for _____" Ref No : _____. The bids should be addressed and to be mailed 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 inStem will not be responsible for the delay.

2. DUE DATE FOR SUBMISSION OF QUOTATION AGAINST THIS ENQUIRY IS

23/05/2019 till 5.30 p.m.

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

4. The Validity of your quotation should be for 60 days from the 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 inStem 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 CVD @4% 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 taking this option into consideration.

If the 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.



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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 Concillation 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.

Yours faithfully

For and on behalf of Insitute For Stem Cell
Biology and Regenerative Medicine



Yesu R



GKVK, Bellary Road, Bangalore-560065,INDIA

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INS/L-5140/2019-2020(Y)

SPECIFICATION OF HEPA FILTER:

OVERALL DIMENSIONS: 610 x 610 x 300 MM

AIR FLOW: MIN. 1000 CFM THROUGH EACH FILTER

FLANGE TYPE FILTER, THE FLANGE SHALL BE ON AIR ENTRY SIDE

CONSTRUCTION:

HEPA FILTER MEDIUM SHALL BE CONSTRUCTED FROM WATER REPELLANT, FIRE RETARDANT ALL GLASS MICRO FIBER PAPER , PLEATED OVER CORRUGATED ALUMINIUM SEPARATORS. THE FILTER ELEMENT BONDED TO A FILTER FRAME OF ANODIZED ALUMINIUM CASING WITH SYNTHETIC RESIN BASED PLASTIC ADHESIVE AND RUBBER BASED FOR FIXING THE CLOSED PORE, SOFT NEOPRENE SPONGE 6 MM THICK GASKET.

PERFORMANCE:

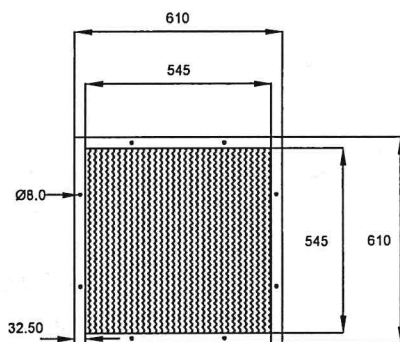
THE FILTER SHALL BE SUITABLE FOR AN OPERATING EFFICIENCY OF 99.97 % FOR PARTICLE SIZE 0.3 MICRON WITH 0.03% PENETRATION ON DOP TEST METHOD. THE FILTER TO BE TESTED AT MANUFACTURER'S WORKS

THE INITIAL PRESSURE DROP ACROSS FILTER SHALL NOT EXCEED 20 MM WG. THE FACE VELOCITY AT THE FACE PLANE OF THE FILTER SHALL BE 1.4M/S, ON MEDIA SHALL BE 0.023M/S.

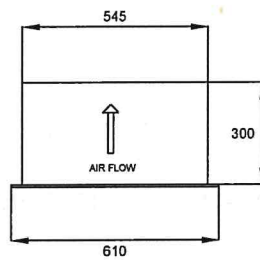
NOTE:

1. SOFT NEOPRENE SPONGE GASKET 6 MM THICK SHOULD BE PROVIDED ON ALL SIDES OF THE BOX TYPE FILTER FRAME & ON THE FLANGES FOR THE FLANGE TYPE OF FILTER.
2. MANUFACTURER'S FACTORY TESTS SHALL BE CARRIED OUT & CERTIFICATE FOR ALL THE FILTERS TO BE PRODUCED ALONG WITH THE DELIVERY OF MATERIAL. NCBS ENGINEERS SHALL WITNESS THE FACTORY TESTING.
3. AIR FLOW DIRECTION & UNIQUE SERIAL NUMBER SHALL BE MARKED ON EACH FILTER. SUCH SERIAL NUMBER SHALL BE REFLECTED IN TEST CERTIFICATE.
4. FILTER SHOULD CONFIRM TO RELEVANT ISHRAE STANDARDS.
5. SITE: INSTEM , GKV K CAMPUS, OFF BELLARY ROAD, BANGALORE-65.





FRONT VIEW



TOP VIEW

DIMENSIONS :

610*610*300

NOTE:

1. All Dimensions are in mm.
2. Do not measure the drawing.
Read dimensions only.

TITLE: TENTATIVE DRAWING FOR HEPA FILTER

