**SHORT TERM TENDER ENQUIRY**

**BIT/PUR/LTE/CIVIL/21-22//IC/000480 DATE: 20/09/2021**

To,

**M/s.**

Dear Sir,

Subject : Request for Quotation for Procurement of FUMEHOOD.

You are requested to submit most competitive rates(s) for the following item(s) as per details given below (Quotations may be sent by e-mail, hand or by post):

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| Last date and time for submissions of complete Quotations by Email to: [dr.purchase@bitmesra.ac.in](mailto:dr.purchase@bitmesra.ac.in), [purchase3@bitmesra.ac.in](mailto:purchase3@bitmesra.ac.in), or sealed quotations can be submitted to the under mentioned address. | **04.10.2021 15:00 Hrs.**  (If all LTE Vendors submit the quotation prior to the submission date, the quotations will be opened prior to last date of submission.) |
| Date /time for opening of quotation | **04.10.2021, 16:00 Hrs.** |

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| Sr.No. | Item Description | **Quantity** |
| 1 | FUMEHOOD : Specification & Description,  Type: Floor Mounted with aerodynamic design,  Overall dimensions: 1800mm Length X 900mm Depth X 2400mm height  Working Chamber: 1650mm length x 600mm depth x 1050 mm height  Fume Hood supper Structure: Stainless Steel Angle structure with 304 Grade Stainless Steel Sheet.  Hood construction inner wall: Chemical & Heat Resistant, Fire Retardant, Smooth Finish, Easily Cleanable Panels Made out of durable special material non metallic non corrosive PRL sheet integral work walls (6 mm thick). ASTM flame spread index < 25.  Baffle Design: Interstitial 3 suction points for effective suction of light, normal & heavy fumes with baffle ceiling enclose front and sides arrangement.  Lighting : 1 no. explosion proof anti-glare cool Fluorescent light set ( 40 watt) with vapor proof fittings for proper illumination instantly 10 pprox. 800 lux at working area. Inner chamber and the light should be separated by Toughened Float Glass of 4 mm thick.  Electrical utilities: Four in numbers, 6/16Amp. 3 - pin socket (Havels or equivalent) make. 1No. Motor starter. 1No. (5Amp) tube light Switch.  Wet & Dry Service valves: Remotely operated Color coded Brass Needle Valves for fine control over utilities. Total 3 nos. service valves with PU plumbing with 6mm internal dia, withstanding up to 15 kgf pressure and brass fittings for gas connections.  ( 1 LHS + 2 RHS)  ¿ 1 for raw water (PU)  ¿ 1 for Nitrogen (PU)  ¿ 1 for Air ( PU)  Sash Arrangement: Vertical rising counter-balanced sash. Toughened Float Glass sash ( 5 mm thick). Smooth and light sash operation. Clear open able height = 750 mm.  Grid / Scaffolding: Grid should be made up Duralumin powder coated 12.7mm diameter rod or PP Rod. Net size will be 150mm x 1500mm for holding apparatus. It will fix the entire length of fume hood back portion. The distance of Grid will be 150mm from back side of Fume Hood.  Work top: Chemical resistant splash & spillage proof Black Granite¿ worktop (15 /17 mm thick). Skirting of 15 mm from all sides for no chemical spillage.  Airfoil: Aerodynamic Design, Horizontal fixed airfoil mounted on the worktop made of, MS powder coated ( 1.2mm).  Sink, water tap and drain: One Sink will be fix on work top and sealed with silicon sealant for drainage with water tap on left back side of worktop.  Sink will have a trap for waste collection: Dim: oval shaped 100 mm X 200 mm PP detachable sink.  Storage Base Cabinet: Base cabinet will be ready to receive the fume hood at its top. 2 vertical partition with adjustable selves. Construction of material will be 2 mm thickness Stainless Steel Sheet 304 grade. Storage cabinets are 900 mm x 550mm x 650mm. height. 1 No. 35mm dia PP tube internally connected with working chamber for chemical gas outlet purpose.  Blower: Centrifugal blower Chemical & heat resistant MS + FRP coating blower body. Aerodynamically balanced impeller with auto drain system. As per IS 325 Air suction capacity 1000 to 1200 cfm. as per international face velocity norms.  Motor: 3-phase, 440 volts 1 HP /2HP Motor preferably of Kriloskar.  Noise Level: < 70db at 1 meter from fume hood.  PVC Ducting 150mm dia: Chemical resistant PVC rigid & flexible duct work for outlet ducting. Duct will be 150 mm dia and length will be 15 ft ¿ 20ft. | **01** |

GST Exemption: The Institute is partially exempted from the payment  
of GST vide GOI Notification No.45/2017-Central Tax (Rate), dated  
14.11.2017 and 47/2017-Integrated Tax (Rate), dated: 14.11.2017 the applicable IGST will be at the rate of 5%. Necessary documents (DSIR) and related certification will be provided.

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| Sealed Quotation may be submitted superscribed with reference number as appended hereunder:-Quotation for Supply of ----  Ref.No. -------- **BIT/PUR/LTE/CIVIL/21-22//IC/000480**    To,  Purchase Department  Birla Institute of Technology From : M/s----------------------------------------  Mesra , Ranchi , Jharkhand Address : ----------------------------------------  835215 Contact No. -------------------------------------  Email ID--------------------------------------- |

1. All entries in the quotation should be typed or computer printed without any ambiguity and should be free from correction etc. Hand written offers will be rejected.
2. Late and delayed tenders will not be considered. In case any unscheduled holiday occurs on prescribed closing date the next working day shall be the prescribed date of closing.
3. The quotation should be submitted with descriptive literature & drawing. The make of the items offered should be clearly specified.
4. Material should be confirming to our specification. The deviations if any should be clearly indicated in the quotations.
5. Successful bidder has to furnish the OEM test certificates along with the materials (if applicable).
6. Rate /Price: The offered price shall be on **FOR BIT Mesra on Door Delivery basis**.
7. If offered Price Term is other than the FOR-Destination term, approximate Freight & forwarding charges along with the applicable Insurance charges may be mentioned.
8. Details of GST / PAN No. should be furnished along with quotations.
9. Purchaser will not pay separately for transit insurance/taxes (if any) and the supplier will be responsible until the stores arrive in good condition at the destination.
10. Warranty: Period of warranty should be clearly mentioned and also the parts covered under it. Warranty will be applicable from the date of successful installation.
11. Service Facility: Supplier must mention about the service set up in India & confirm effective after sales service.
12. BIT Mesra is not bound to accept the lowest or any quotation for whatsoever reason and reserve its right to accept or reject in whole or in part any or all the quotations received without assigning any reason.
13. Applicable taxes shall be quoted separately for all items and levies payable by the supplier under the contract shall be included in the unit price.
14. Each bidder shall submit only one quotation and sealed quotation to be submitted / delivered at the address. (Alternatively it can be email at dr.[purchase@bitmesra.ac.in](mailto:purchase@bitmesra.ac.in), [purchase3@bitmesra.ac.in](mailto:purchase3@bitmesra.ac.in), or deliver by hand.
15. Training clause (if any) to be mentioned.
16. Delivery period should be mentioned clearly in the quotation.
17. Conditional tenders will not be considered.
18. Authorized dealership certificate should be submitted in case principal manufacturing company is not quoting directly.

Sd/-

Deputy Registrar (Purchase&MM).

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