**SHORT TIME TENDER**

**BIT/PUR/STT/CIVIL/20-21//IC000446/2020 DATE:17/12/2020**

To,

**M/s. ..............................................**

Dear Sir,

Subject : Request for Quotation for Procurement TILTING FLUME WITH ACCESSOREIS etc.

You are requested to submit most competitive rates(s) for the following item(s) as per details given below (Sealed Quotations may be sent by 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:purchase@bitmesra.ac.in), [purchase.sanjay@bitmesra.ac.in](mailto:purchase.rakesh@bitmesra.ac.in) sealed quotations can be submitted to the under mentioned address. | **29.12.2020 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.) |

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| Sr.No. | Item Description | **Quantity** |
| 1 | TILTING FLUME WITH ACCESSORIES  MACHINE  A 76mm wide, 250mm high open channel, Clear acrylic sides to give visibility, Slop of the channel bed :- 1% and =3%., Service module: Made from acrylic Sump tank: 250 litres (S. S.), Volumetric tank: 40 litres (GRP)  Inlet tank with flow stilling arrangement. (GRP)  Include a Venturi flume, shap and broad crested weirs, 2 vernier level gauges, adjustable undershot and crump weir.  Pump: Submersible type  Motor : 0.55kW split capacitor start with built in overload protection, Speed 2800rpm, Class B insulation, Continuous duty.  Flometer: Shunt orifice type range 0.5 to 2.5 litres/sec  Vernier level :- 1 x 150mm resolution 0.1mm, Gauges: 2 x 300mm resolution 0.1mm Comprehensive instruction manual, Overall dimensions 5.4m (L) x 0.62m (W) x 1.46m (H), Include all Accessories | **01 Nos.** |
| 2 | MINOR LOSSES IN PIPES  a.Test rig: battery of 12.5mm pipes of stainless steel, aluminium and copper of length over 100 times the diameter with pressure tappings at either ends to measure the losses due to pipe friction - major losses.  b.To measure the minor losses, a 14-20mm GI pipe fitted with a bend, elbow, enlargements and contractions. Suitable flow control valves.  c. Pressure tapping to measure the pressure loss. Differential manometer (without mercury) to measure this pressure loss. A strong iron stand. A stop watch and an M.S. collecting tank of size 90 litres. With a gauge glass scale fitting, a drain valve and a bend.  d. A 220 volt AC, 0.5 HP, single phase monoblock ISI pumpset with suitable pipe fittings.  e. A sump tank of size 180-210 litres with suitable drain is provided to store the water. | **01 Nos.** |
| 3 | FLOW OVER NOTCH APPARATUS  Open Flow channel - 1000 x 250 mm,. Rectangular Notch - 80 mm (Aluminium & Brass), .Triangular Notch - 450,600,900 (Aluminium & Brass), . Flow control valve to change Discharge, . measuring tank - 295 x 345 x 345 mm, . Sump tank - 900 x 350 x 350 mm.  High efficiency, Sturdy construction, Optimal performance, Long life, Hassle-free performance, Minimal maintenance  Electric supply 0.5kW, 220V AC, Single Phase, Water supply Tap water connection BSP Distilled water @ 60 liters (optional), Floor Area with Drain facility | **01 Nos.** |
| 4 | FLOW OVER WEIR APPARATUS  Specification: (1) The unit with: Sharp crested weir, Broad-crested weir, Ogee shaped weir, Pump ½ H.P. mcnoblock, Flow measurement - Measuring tank calibrated water flow meter is used. | **01 Nos.** |

Sealed Quotation may be submitted superscribed with reference number as appended hereunder:-

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| Quotation for Supply of ----  Ref.No. -------- **BIT/PUR/STT/CIVIL/20-21//IC000446/2020**  To,  Dy. Registrar (Finance)  Birla Institute of Technology From : M/s----------------------------------------  Mesra , Ranchi , Jharkhand Address : ----------------------------------------  835215 Contact No. -------------------------------------  Email ID--------------------------------------- |

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.

1. HSN code of the material should be mentioned in quotation.
2. 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.
3. 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.
4. The quotation should be submitted with descriptive literature & drawing. The make of the items offered should be clearly specified.
5. Material should be confirming to our specification. The deviations if any should be clearly indicated in the quotations.
6. Successful bidder has to furnish the OEM test certificates along with the materials (if applicable).
7. Rate /Price: The offered price shall be on **FOR BIT Mesra on Door Delivery basis**.
8. If offered Price Term is other than the FOR-Destination term, approximate Freight & forwarding charges along with the applicable Insurance charges may be mentioned.
9. Details of GST registration, PAN No. should be furnished along with quotations.
10. Road Permit: The supplier shall arrange Road Permit on his own for transportation material to BIT Mesra and any additional tax liability on this account shall be borne and paid by the supplier.
11. 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.
12. 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.
13. Service Facility: Supplier must mention about the service set up in India & confirm effective after sales service.
14. 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.
15. 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.
16. Each bidder shall submit only one quotation and sealed quotation to be submitted / delivered at the address. (Alternatively it can be email at [purchase.sanjay@bitmesra.ac.in](mailto:purchase@bitmesra.ac.in) or dr.purchase@bitmesra.ac.in) or deliver by hand.
17. Training clause ( if any )to be mentioned.
18. Delivery period should be mentioned clearly in the quotation.
19. Conditional tenders will not be considered.
20. Authorized dealership certificate should be submitted in case principal manufacturing company is not quoting directly.
21. Customs Duty: The Institute is exempted from payment of Customs Duty Vide GOI Notification No. 51/96 Customs, dated 23.07.1996 & No.24/2007-Customs dated 01.03.2007 with registration no 11/161/90-TU-V dated 24.07.2019. Sd/-

Dy. Registrar Purchase

BIT Mesra Ranchi-835215