

## **KOLHAPUR FOUNDRY AND ENGINEERING CLUSTER**

Administrative Office C/O. The Institute of Indian Foundrymen,  
Tirth Enclave, 4<sup>th</sup> Floor, Sonai Hall, Rajarampuri 11<sup>th</sup> lane, Kolhapur.  
Email: kfcuster@gmail.com, + 91 9970132921.

### **SHORT NOTICE INVITING TENDER AND TRCHNICAL SPECIFICATIONS**

#### **FOR SUPPLY OF HOT AIR ID BLOWER AND CYCLONE.**

The Chairman, Kolhapur Foundry and Engineering Cluster invites Sealed tenders from reputed manufacturers and suppliers having past experience in similar type of works for Manufacturing, Supplying and Erection of following equipments for, Thermal Sand Reclamation Plant, Plot P-82, at MIDC Gokul Shirgaon Kolhapur

#### **A) Hot Air ID Blower and Cyclone**

Last date of submission of sealed tender is **03/10/2017 upto 4.00** p.m.  
The General Condition and Technical Specifications are as below.

#### **General Conditions :**

1. Bidders / Tenderer's shall quote for both items separately. The Owner reserves the right to allot the work of Blower and Cyclone to two separate agencies if required depending upon the technical specifications and Price Bid. The Rates shall be including of all fittings, Fixtures, installation, transportations, loading and unloading.
2. The taxes will be extra at actual to be quoted by the Bidder.
3. The Bid shall be submitted in TWO Envelops systems. Envelope 1 shall contain the Bio data of the bidder, Company Profile, and Technical details and specifications of the material / Equipment and Envelop 2 shall contain the financial bid. E.M.D. in form of **Demand draft** amounting Rs. 10,000/- drawn in favor on "***Kolhapur Foundry and Engineering Cluster***" payable at Kolhapur shall be enclosed in Envelope 1 .
4. The Quantity required will be one of each. Subject to requirement.
5. The Owner reserves the right to accept or rejects any or all the offers.
6. The Bidder to submit all Technical specifications, along with the quote.
7. The bidder shall provide all civil foundation drawing, all type of electrical work drawings etc .
8. Last Date of submission is 3<sup>rd</sup> October, 2017 up to 4.00 PM in the office of Cluster at above address.
9. The Bidder can post or submit by hand the tenders at our administration office address i.e., C/o. The Institute of Indian Foundrymen, Tirth Enclave Apartment, 4<sup>th</sup> Floor, Sonai Hall, Rajarampuri 11<sup>th</sup> Lane, Kolhapur.
10. Tenders sent by post, by registered post and must reach by the above time and date. For late delivery or no delivery by postal authority, the Owner will not be responsible.

11. The tenders will be opened on the same date if possible or any other Pre-intimated Date, in the presence of such intending tenderer's or his / their authorised representatives who may be present at that time.

**Technical Details**

1) The cyclone should be manufactured from 6mm thick mild steel with proper insulation work and inserted into the existing hot air duct. Please note that the outlet needs rotary valve suitable for abrasive materials and minimum capacity of 1000kg/hour. The cyclone outlet flange should be installed to suit the valve size. Proper support frame will also be provided to support the cyclone.

2) The hot air fan needs to meet the following specification to be able to provide enough air volume and suction pressure.

140 M<sup>3</sup>/min air volume

300 mm Aq pressure

Temp. above 450 degree Celsius.

11 kW Crompton Greaves make motor.

Preferred water cooled bearings for longer life

Impeller thickness should be 6 mm IN SS 316 material .

Blower casing thickness should be 6 mm in SS 316 materials with proper insulation work.

3) 11 kW Crompton Greaves make motor.

For more technical assistance you may please contact to Mr. Amar Alugade , Manager Operational of Thermal Sand Reclamation Plant, Plot P 82, Gokul Shirgaon MIDC on his cell no. + 91 8668993902.

**SD/-  
Chairman,  
Kolhapur Foundry and Engineering Cluster  
Administration Office C/o. The Indian Institute of Foundrymen,  
Tirth Enclave Apartment, 4<sup>th</sup> Floor,  
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