



भारतीय प्रौद्योगिकी संस्थान (भारतीय खनि विद्यापीठ), धनबाद

धनबाद, झारखण्ड, भारत, पिन-826004

(मानव संसाधन एवं विकास मंत्रालय, भारत सरकार के अधीन एक राष्ट्रीय महत्व का संस्थान)

INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES), DHANBAD

DHANBAD, JHARKHAND, INDIA, PIN-826004

(An Institute of National Importance under Ministry of H.R.D., Govt. of India)

STORES & PURCHASE SECTION Phone: (0326) 2235678 || Email : purchase@ismdhanbad.ac.in || Website : www.iitism.ac.in

No. Mech-500241-2017-18

Date: Sept 11, 2017

NOTICE INVITING TENDER

Subject: Supply & Installation of Bio-Diesel Manufacturing Unit

Indian Institute of Technology (Indian School of Mines), Dhanbad invites quotations for the following to be supplied and delivered in Mech Department.

S No	Full Description of items/ store	Qty	Delivery
1	Supply & Installation of Bio-Diesel Manufacturing Unit (Detailed Specification is given in Annexure - I)	01 No	At the Earliest

Tender Schedule

Particulars	Date & Time
Bid Security or Earnest money deposit	Rs 9,000.00(Nine Thousand only)
Last date and time for submission of tenders	05.10.2017 at 3:00 P.M.
Date and time of opening of tenders	05.10.2017 at 4.00 P.M.

1. You are requested to quote your lowest rates for the supply of above items in the attached format for Financial Bid (Annexure - II)
2. You may send your representative in the office of the undersigned at the scheduled date and time of opening of tender.
3. Tender should be submitted in sealed cover only superscribed with Enquiry No. and due date at the following address only:

The Deputy Registrar (P&S)
Indian Institute of Technology (Indian School of Mines),
Dhanbad - 826 004 Jharkhand



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Annexure - I

Key Specifications of Bio-Diesel Manufacturing unit

1. Trans-esterification Vessel

1 Set

SS 304, 15 Liters volume Trans-esterification vessel with

- | | |
|--|------------------------------|
| • S.S Electric heating coil of 0.5KW | Thermo well with thermometer |
| • S.S liquid flow indicator | Reaction view port |
| • Reaction pressure indicator | Charge/Loading port |
| • Polypropylene circulation pump for liquid transfer and | Reaction test cork, |
| • Uniform mixing | safety valve, etc. |

2. Washing and drying vessel

1 Set

SS 304, 15 liters volume washing and drying vessel with outlet and drain valves. The vessel has a top lid and bottom cone. The vessel is also fitted with 0.5KW SS heating-coil for drying the process liquid. The vessel also has a thermometer for displaying the liquid temperature

3. M.S Structure

The structure is angular structure to mount vessel and equipment's. This structure is specially designed in the form of a portable skid. If required, the structure can be transported to different sites.

4. Reflux Condenser

1 Set

SS 304 Vapor condensing tubes in M.S Body, water inlet & outlet, vapor inlet & condensate outlet with control valve and pipelines

- | | |
|------------------------|---------------------------|
| • Final vent | Pressure indicating gauge |
| • Vapor inlet | Condensate outlet |
| • Water inlet & outlet | |

5. Hot water tank

SS 202 Hot water tank with 20 liters holding capacity equipped with 1.5KW heating-coil, water inlet & outlet, over flow, drain control valves, temperature indicating thermometer mounted on a M.S Stand connected with flexible washing shower

6. Day Tanks

2Nos

M.S structure housing two 15 liters capacity S.S 202 tanks with lid and draining valve as Bio-Diesel day tank and glycerin day tank respectively

7. Electric switch board

1Set

A traditional electric switchboard with single phase/ heating system equipped with indicators, volts and amps meter



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Terms & Conditions

- 1) The rates should be quoted for each item separately.
- 2) Conditional offer will not be accepted.
- 3) IIT (ISM) does not issue any Form 'C' or 'D' towards sales tax concessional rate. Hence, full rate of GST applicable should be quoted.
- 4) **Bid Security or Earnest money deposit (EMD)** should be submitted in form of A/c payee demand draft drawn in favor of Registrar, IIT (ISM) Dhanbad and payable at any other bank/branch located in Dhanbad.
- 5) **Educational discount**, if any, should be clearly mentioned.
- 6) You are requested to submit your quotation strictly as per the specifications mentioned in the NIT.
- 7) Your tender must be valid for **minimum 90 days** from the date of opening of tender.
- 8) Please mention warranty/ guarantee in your offer clearly. Material/ equipment to be supplied must have minimum warranty/guarantee of **12 months**.
- 9) **Each page in the bid document must be numbered properly** and duly signed & sealed by the bidder on every page of the bid.
- 10) **The items/ materials shall be required to be delivered at Mech Department/ Section through Purchase & Store Section, IIT (ISM) Dhanbad** at the risk and cost of the tenderer.
- 11) Unloading and installation shall be the complete responsibility of the supplier.
- 12) The stores are required to be delivered within 30 days. Late delivery may not be accepted.
- 13) The items offered should be of good quality confirming to BIS standards, wherever applicable.
- 14) **Advance payment is not admissible**. Payment shall normally be made within 3-4 weeks subject to receipt and acceptance & installation (as per Purchase Order Terms) of the ordered materials/items.
- 15) In the event date on which the tender is opened for acceptance is declared to be a holiday, the tenders shall be deemed to remain open for acceptance till the next working day.
- 16) Please send your offer by Regd.Post/ Speed Post/ Courier along with Courier receipt. Tender/ quotation will be received during IIT (ISM) working hours only (i.e. Monday to Friday). **Late or delayed tenders shall be summarily rejected**.
- 17) Any other information that you may like to obtain, you are free to contact IIT (ISM) before submission of tender.
- 18) IIT (ISM) reserves the right to accept and/or to reject any/ all tenders without assigning any reason.

Deputy Registrar
11/9/17



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Annexure - II

Format for Financial Bid

NIT No.: Mech-500241-2017-18

Date:

Bidders Ref: No.

Date

GSTIN No.:

Subject: Supply & Installation of Bio-Diesel Manufacturing Unit

Sl. No.	Full Description of Items with (HSN Code/SAC Code)	Qty.	Rate	Amount
			Packing & Forwarding (if any)	
			Total	
			GST	
			Freight (if any)	
			Installation (if any)	
	Amount should be in figure as well as word		Grand Total	

Note:

- 1) All the details must be provided as per prescribed format only
- 2) Prices quoted by the bidders should include GST, HSN Code, SAC Code, duties, livies, transportation cost and insurance costs etc. if any
- 3) All the rates must be quoted in Indian Rupees.