



INDIAN INSTITUTE OF TECHNOLOGY (INDIAN SCHOOL OF MINES) DHANBAD

Ref. No.: IIT(ISM)/FME-151/EOI/TPS/2017-18

Date: September 22, 2017

Expression of Interest (EOI) for Third Party Sampling of Coal Dispatched from Different Subsidiaries of Coal India Limited for Supply of Coal Under Linkage Auction for Non-Power Sector and Special Forward E- Auction for Power Sector

1. Background

Indian Institute of Technology (Indian School of Mines) Dhanbad, is an Institute of National Importance established by an act of the Parliament of India under MHRD, Government of India.

2. Objectives:

The main objectives of the proposed EOI is to invite tender from eligible bidders to carry out the task of coal sampling, preparation and analysis of sample at various loading points and its documentation etc. for submission to IIT (ISM) Dhanbad for its validation and onward submission to the concern CIL Subsidiaries and its Consumers. The coal to be collected are from different producing unit at various points spread over in different states namely Chhattisgarh, Maharashtra, Madhya Pradesh , Orissa, and Assam. Separate EOI to be filled and submitted for each of the subsidiaries from the interested companies/Vendors.

The name of subsidiaries are as given below:

Sl. No	Name of CIL Subsidiary	Approximate Estimated Qty. in Million Tonnes*
1	Mahanadi Coal Fields Limited, Sambalpur (MCL)	12.79
2	Northern Coal Field Limited, Singrauli (NCL)	03.33
3	North Eastern Coal Fields, Margherita (NEC)	0.100
4	South Eastern Coal Fields Limited, Bilaspur (SECL)	16.03
5	Western Coal Field Limited, Nagpur (WCL)	02.95

Note: * Quantities mentioned above excludes coal supplied through Special Forward E-Auction

3. Invitation for EOI

IIT (ISM) Dhanbad intends to execute the above mentioned task of “Third Party Sampling of Coal Dispatched from different Subsidiaries of Coal India Limited” through outsourcing the task partially by inviting tenders under two stage bidding system for which this invitation is being placed. At the first stage EOI is invited from reputed and financially sound companies who are involved with and having considerable experience in the area of coal sampling and analysis and accredited by National Accreditation Board Limited (NABL) and as approved by Central Electricity of Authority (CEA) and concurred by CIL for Power Utilities/ Individual Power Producer (IPP) as notified by CIL vide letter No. *CIL/C-4B/TPS (PU/IPP) 14-15/435 dated 22.08.2014*, and as amended from time to time who can do the job on behalf of Indian Institute of Technology (Indian School of Mines), Dhanbad are eligible to participate.

Only those companies who will be participating in EOI (Presentation-cum-Discussion) and short listed will be eligible to participate in subsequent bidding process. **Separate EOI (bid) need to be submitted for different subsidiary.** The second stage of bidding process includes submission of Tender Fee, EMD, Technical bid and Financial bid. The work is critical in nature and is to be completed strictly as per schedule time frame.

4. Important Dates:

a	Pre- Bid Meeting	06-10-2017, 11.00 AM at Department of Fuel & Mineral Engineering, IIT (ISM) Dhanbad (Interested bidders must come with their queries, if any).
b	Last Date of Bid (EOI) Submission	17-10-2017 , 1:00 PM
c	Bid (EOI) Opening Date & Time	17-10-2017 , 3:00 PM
d	Presentation-cum-Discussion	Will be informed only to the eligible tenderers by E-mail subsequently.

5. Eligibility Criteria:

The required eligibility criteria as per given below:-

Sl. No.	Eligibility criteria	Documents to be submitted along with the EOI
a.	The bidders should be a registered company in India under Indian Companies Act 1956	Copy of the certificate of incorporation and certificate of commencement of business or registration certificate.
b.	The bidders having accredited by National Accreditation Board for Testing & Calibration Laboratories	i. A copy of NABL accreditation certificate to be attached. ii. A copy of notification/approval of

	(NABL) and as approved by Central Electricity of Authority (CEA) and concurred by CIL for Power Utilities/ Individual Power Producer (IPP) as notified by CIL vide letter No. <i>CIL/C-4B/TPS (PU/IPP) 14-15/435 dated 22.08.2014</i> , and as amended from time to time.	CEA/CIL may be attached. iii. The bidder must produce a certificate from the company's Chartered accountant to this effect.
c	The bidders should not have been blacklisted/barred/disqualified by any regulator/ statutory body during last 10 years.	A Self-declaration to this effect must be furnished.
d	Firm/Organization having necessary domain knowledge (both technical and functional) and experience for sampling of coal.	i. The bidder must have completed similar nature of work for minimum 5 Million Tonne of one order. Copy of work orders of such proofs must be submitted. ii. Details of previous work done during last three years. iii. Details of technical man power with their qualification.
e	It is desirable that firm/organization should have at least 10 years' experience in sampling and analysis of coal.	i. List of previous work done during last 10 years. ii. List of works executed of similar nature with their details.
f	Bidders with ISO certification will be given preference.	Copy of ISO certificate to be attached.

6. Instruction to the Bidders:

Information to be furnished by the interested organization together with supporting documents:-

- a) Name of the organization and nature of firm.
- b) Name of the subsidiary for which bidder is interested to participate.
- c) Year of establishment.
- d) Address and contact No. with E-mail ID.
- e) Details of in house key personnel.
- f) Experience of the organization in related area.
- g) Certificate of solvency.
- h) Details of Annual turn-over during last 3 financial year.

- i) Brief of major consultancy/project assignments executed for similar nature undertaken during last three financial years. Please also attach copy of work order and project completion certificate.
- j) List of works executed of similar nature with their details during last 10 years.
- k) Self-attested copy of the registration of the firm issued by the competent authority.
- l) Audited Accounts for the last three year along with the latest income tax clearance certificate.
- m) Copy of ISO Certification, if any
- n) Self-declaration for blacklist/barred/disqualified by any regulatory/statutory body during last 10 years.

IIT (ISM) may seek additional information / clarification / documents from the bidders after submission of EOI. However, IIT (ISM) reserve the right of rejections/accepting the EOI or inviting fresh EOI, if required.

7. Scope of Work

- 7.1 Collection of samples** by manual/mechanical means (as applicable), from wagons/ Trucks /Silo/Belts/Ropeways etc., as the case may be at loading points around the clock from the coal suppliers being made to various consumers for supply of coal under special linkage auction for non-power sector and special forward e-auction for power sector having sampling agreements as per provision of FSA.
- 7.2 Dispatch by rail equivalent** or less than one rake (4000MT) for a particular consumer/customer by any means in a day from a source/loading points shall be treated as one lot for the purpose of sampling. Whereas, for dispatch by road and other means quantity of sample collected during 24hours shall be treated as one lot.
- 7.3 Supply of coal** to the consumers by the coal companies of CIL either will be based on Gross Calorific Value (GCV) at equilibrated condition (RH 60% & 40 degree Centigrade) as per the prevalent Govt. Notification / CCO and/or subsequent amendment from time to time. Any changes in the concept of grading by the Govt. of India shall be made applicable.
- 7.4 Collection & Preparation of sample** for laboratory testing will be as per IS 436-part-I, Sec-I, 1964 specification or its latest version amended at the time of loading.
- 7.5 Parting of Sample:** After preparation, final sample shall be divided into **Four Equal** parts (samples), each part is sealed and duly signed by the representative of qualified bidder/ISM, representative of Consumer and Seller (concerned CIL subsidiary).
- 7.6 First part:** Out of the Four Equal Parts, First part of the sample (signed and sealed) will be kept by the Consumer.

Second part: of the sample (signed and sealed) will be kept by the Seller (concerned CIL subsidiary).

Third part: of the sample (signed and sealed) will be retained by the qualified bidder/IIT(ISM) representative for analysis purpose by the qualified bidder on behalf of IIT(ISM) in laboratory of the supplying coal company.

Fourth part of the sample (**referee Sample**) shall be retained by the successful bidder as referee sample.

7.7 **Fourth part** of the sample (**referee Sample**) shall be retained by the successful bidder in double sealed condition and kept under his/her safe custody at the loading point by the successful bidder under the surveillance of CCTV Camera for 30 days even if the sample analysis is not protested. The referee sample will destroyed after 30 days.

7.8 **Dispute In sampling:** In the event of any dispute at the time of analysis of the Sample (which shall be raised **not later than forty eight (48)** hours after analysis), the referee samples (Fourth part of the sample) shall be referred for analysis within seventy two (72) hour of the dispute but not later than eight days from the date of collection of samples to any mutually agreed government accredited laboratory.

Within seven (7) days of the submission of the result by IIT(ISM), either coal company or consumer may raise dispute which invariably will be informed to the opposite party and IIT(ISM) through e-mail. In such case, referee sample shall be sent to any one of the seven laboratories i.e. Central Power Research Institute, Bangalore, Indian Institute of Technology-BHU, Varanasi, CSIR-IMMT, Bhubaneswar and National Test House, Kolkata, IIT-Kharagpur, NML, Jamshedpur & Dept. of Geology, BHU or any other Govt. laboratory as may be mutually decided on rotational basis. However, the choice of referee laboratory out of those empaneled, shall rest with the Party disputing the result. The payment toward referee analysis will be borne by the challenging party. Findings of the referee lab shall be binding on all the parties for commercial purposes. Other party may witness transportation and analysis of referee sample.

7.9 The cost incurred for the analysis of the referee sample including cost of transportation from area Laboratory to Government accredited laboratory will be borne totally by the complainant.

- i. **It is preferred** that in a particular month the referee sample sent for analysis to a government accredited laboratory may not be more than 5% of the total number of samples drawn and analyzed in that month in an area.
- ii. In case of variation in Gross Calorific Value (GCV) of referee sample analysed to be beyond ± 200 Kcal/kg of the analysis result of the successful bidder. No payment shall be made to the successful bidder for the quantity of the sample lots so disputed. In case such variation is between ± 100 to 200Kcal/Kg, payment only at

the rate of 50% of the awarded rate shall be made. However, if such variations is within ± 100 Kcal/Kg, 100 percent of the awarded rate shall be made.

7.10 Testing of samples:

Testing of sample shall be done for determination of Total Moisture %, which will be done at mine/loading site/nearest laboratory. For such purpose, sample of -12.5 mm shall be prepared.

For parting of Sample, wherever satisfactory mechanical sizing facilities are available/working, sample of -212 Micron size shall be prepared. Wherever such facilities are not available, Coal Company shall provide the same. Till such time, sample of 3.35 mm shall be prepared. After preparation, final sample shall be divided into four equal parts (for IIT-ISM/qualified bidder, Coal Company, Consumer & one will be reserved as referee samples). For tests/analysis (moisture, ash, GCV on equilibrated moisture basis). Prepared samples will be transported to the labs of IIT-ISM/qualified bidder in tamper proof manner. Gross Calorific Value (GCV) at equilibrated condition at the loading end in the nearest laboratory of the coal company as per relevant IS-1350, Part I, 1984 and IS-1350 Part-II 1970 specification or its latest version. GCV to be reported on equilibrated basis (RH 60% & 40 degree Centigrade) as per Govt. / CCO's prevalent guideline in vogue.

All the consumables, tools and tackles, required for performing the jobs shall be supplied by the successful bidder, including manpower at the site. The necessary equipment/machineries and other infrastructures will be provided by the coal companies. Till successful bidder arranges their own facilities for same at their own cost within 3-4 month's period.

All the analysis results obtained at the site should be sent to IIT(ISM) through E-mail within 7 (seven) days from the date of collection of sample for its validation and onward submission to consumers and supplier (concerned CIL subsidiary).

IIT (ISM), Dhanbad does not release any advance payment. Any payment towards the works completed as per contract awarded to the successful bidder will be made only after acceptance of the analysis reports / works by the respective organizations and release of payment from the consumer / supplier towards bills raised subject to all terms & conditions of the contract.

7.11 One Bid per Bidder:

Each bidder shall participate with only one bid for each subsidiary, either individually or as a partner in a partnership firm or a partner in a joint venture or a public limited firm. However, the bidder may participate in the EOI/ Bidding process for more than one subsidiary.

8. Formulation of Notice Inviting Tender (NIT)

Based on the above consideration and information /documents submitted by the respondents to this EOI, a bidder's meet will be convened to discuss and define the terms and conditions suitable for formulation of Notice Inviting Tender (NIT)/ Tender Specification Document (TSD). Subsequently, Notice Inviting Tender (NIT)/ Tender Specification Document (TSD) will be framed, finalized and floated for only those firms who have participated in the EOI to select suitable and experienced Firm/organization for "Third Party Sampling of Coal Dispatched from different Subsidiaries of Coal India Limited For supply of coal under Linkage Auction for Non-power sector And Special Forward E-Auction for power sector _____ (Name of Subsidiary)):: Ref. No.: IIT(ISM)/FME-151/EOI/TPS/2017-18, Dated: September 22, 2017 (Submission Date & Time - 17th October 2017 at 01.00 p.m.)". Separate tender need to be submitted for individual subsidiary.

IIT(ISM) reserves the right to (a) accept or reject any/all EOI submitted by potential bidders, (b) cancel the process at any time without any liability and assigning any reason thereof.

9. Submission of Expression of Interest (EOI):

IIT(ISM) looks forward to receive response in this regard. Interested parties can submit their Expression of Interest (EOI) along with supporting information/documents duly signed and authenticated by the competent authorities in hard copy in duplicate in a sealed envelopes only. The sealed envelopes should be superscribed on the top as "**Third Party Sampling of Coal Dispatched from different Subsidiaries of Coal India Limited For supply of coal under Linkage Auction for Non-power Sector and Special Forward E-Auction for power sector _____ (Name of Subsidiary):: Ref. No.: IIT(ISM)/FME-151/EOI/TPS/2017-18, Dated: September 22, 2017 (Submission Date & Time - 17th October 2017 at 01.00 p.m.)**". EOI should be submitted with covering along with organization brief duly signed along with all supporting documents in hard copy in sealed envelope only. EOI (bid) submitted through E-mail/Fax/Unsealed envelope will be treated as non-responsive bid and hence will not be accepted.

Hard Copy of the Offers along with all supporting documents in sealed envelope should be submitted to the "Registrar, Indian Institute of Technology (I.S.M.) Dhanbad, P.O. – Indian School of Mines, DHANBAD – 826004, Jharkhand (India)" latest by 17th October 2017 at 01.00 p.m. (IST).

Query/clarification, if any, may be sent to Email-id snikkam2014@gmail.com, before the schedule date of pre-bid meeting.

Registrar
Indian Institute of Technology (I.S.M.) Dhanbad,
P.O. – Indian School of Mines
DHANBAD – 826004, Jharkhand (India)