

Invitation for Expression of Interest (EoI) for Fabrication and Commercialization of 'Mechanized Sampling System'

1.0 Background

CSIR-Central Institute of Mining and Fuel Research (CSIR-CIMFR) has developed its expertise for state of art Mechanized Sampling System for sampling of coal/minerals from running belt/trucks/railway wagons. The system may be retrofitted in existing falling stream of belt carrying coal/minerals. The system may be used for collection, reduction and crushing of samples to desired size for analysis.

The entire system may be operated from panel board. The primary cutter will have chute/box mounted on a hydraulic/pneumatic cylinder. The primary cutter may be given a reciprocating movement with desired time duration to take samples across the falling stream of belt carrying coal/mineral. The samples collected in primary cutter will be fed to secondary cutter having similar operating principle as that of primary cutter for reducing the quantity of sample. The reduced quantity of sample may be passed through a crusher for size reduction in stages and thus the final quantity and size of sample may be prepared for further analysis.

2.0 Requirement

CSIR-CIMFR requires an industry partner for fabrication of Mechanical Sampling systems for various minerals as developed by CSIR-CIMFR and subsequently commercialization of the engineered and industrial model of system. Therefore, Expression of Interest (EoI) is invited from the reputed manufacturing industries having workshop for fabrication of the system. CSIR-CIMFR shall reimburse the cost of components required for the system as per the submission of actual bill of materials. CSIR-CIMFR shall also pay the fabrication cost for first set of the system to the selected firm.

3.0 Eligibility Criteria

- (i) The firm should have its footprint in coal/mineral handling units
- (ii) The firm should have well established workshop for fabrication.
- (iii) The firm should have complete team of design, execution and erection of projects.
- (iv) The firm should be engaged in manufacturing of similar type of equipment's.

4.0 Terms and Conditions

- (i) The selected firm should sign a licensing agreement with CSIR-CIMFR for fabrication and commercialization of the system.
- (ii) Fabrication, installation and commissioning of first set of the system should be completed within 4 (four) months from the date of signing the agreement.
- (iii) Licensing agreement would be valid for 5 years and which may be renewed based on mutual consent.

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- (iv) The selected firm has to pay a lump sum licensing fee before signing the agreement as well as royalty based on selling price (excluding taxes) of the system during development and commercialization of similar systems.

5.0 Expression of Interest

The interested firm should submit their EoI with following information and documents in two bids system covering technical bid in one sealed envelope and financial bid in another sealed envelope by marking as financial bid. The financial bid should be kept inside the first envelope by writing reference details on top of both the envelopes. Technical and financial bids should contain following information/documents:

(i) Technical bid

- a) Company profile and proof of fulfilling eligibility criteria.
- b) Experience of the firm regarding engagement in manufacturing of similar type of equipment's
- c) Registration details of the company:
 - Company registration certificate
 - PAN details
 - TAN details
 - Service tax registration certificate
 - VAT registration certificate

(ii) Financial bid

- a) Lump sum licensing fee agreed to pay by the firm before signing the licensing agreement for commercialization of the system. Minimum lump sum premium shall be Rs. 5.00 lakh.
- d) Royalty rate to be paid by the firm based on percentage of selling price (excluding taxes) of the system during commercialization period. Royalty rate should not be less than 3% of the selling price (excluding taxes).
- c) The firm quoting maximum royalty will be selected for the said job.

6.0 Submission of EoI

The interested firms should submit their EoI in two bids system to:

The Head, BDIL,
CSIR-Central Institute of Mining and Fuel Research,
Barwa Road, Dhanbad – 826001, Jharkhand, India