

**BHARAT COKING COAL LIMITED**  
( A Subsidiary of coal India Limited)  
OFFICE OF THE GENERAL MANAGER, KATRAS AREA  
P.O. SIJUA,(DHANBAD).

Ref.No.BCCL:GM:IV:E&M:TENDER:10-11/

Dated: 30/07/2010

**NOTICE INVITING TENDER**

Sealed tender is hereby invited in two parts (Technical and Price Bid) from experienced and eligible Contractors/Firms for taking up the following works:

Name of Work	Estimated Cost(Rs.)	Earnest Money(Rs.)	Cost of Tender Paper(Rs.)	Time of Completion (Days)
Supply and Installation of Surge Protection System (Electronic type) and Earthing systems at Electronic Road Weighbridges, Katras Area (Job details and technical specifications are as per enclosed Annexure 1,2 and 3).	Rs.2,79,496/-	Rs.2795/-	Rs.250/-	Within 60 days from date of issue of the work order.

Tender Document may be had from office of the Area Manager (E&M),Katras Area during office hours on payment of Rs.250/- in cash (Non-refundable) with Cashier, from 01/09/2010 to 04/09/2010.

Tender will be received up to 3 PM on 06/09/2010 and will be opened on the same day at 3.30 PM in the office of the Area Manager (E&M). No tender will be issued or submitted by postal means. Eligibility criteria, Terms and conditions of NIT is enclosed.

Tender should be submitted in two sealed envelopes marking “Technical Bid” and “Price Bid” within one sealed envelope super scribing NIT No. with date of opening.

Area Manager (E&M) Distribution

Katras Area

- 1.Chief General Manager(E&M), BCCL, Koyla Bhawan.
- 2.Chief Vigilance Officer,BCCL,Koyla Bhawan.
- 3.General Manager, BCCL, Katras Area.
- 4.A.M.(Plg.)/AFM, Katras Area.
- 5.Area Manager (E&M), All Areas of BCCL.
- 6.HOD(Public Relation),BCCL,Koyla Bhawan – for uploading in BCCL Website.
- 7.Cashier,Katras Area.
8. Notice Board, Katras Area.
- 9.Office Copy

**BCCL : KATRAS AREA**

‘ ANNEXURE’ 1.

Job details for Supply and Installation of surge Protection System (Electronic Type)  
at Road Weighbridges of Katras Area.

<b><u>Sl.No.</u></b>	<b><u>Job Description</u></b>	<b><u>Location</u></b>	<b><u>Qty.</u></b>
1.	Supply and Installation of Surge protection module Between phase to Neutral In power line. Voltage Protection level = 0.9 KV	(i) East Katras Road WB - (ii) KSSY Road WB - Total=	01 No.  <u>01 No.</u> <u>02 Nos.</u>
1.	Supply and Installation of Surge Protection Module Between Neutral to Earth Voltage Protection level 1.5 KV	(i)East Katras WB - (ii)KSSY WB - (ii)West Mudidih WB - Total:-	01 No. 01 No.  <u>01 No.</u> <u>03 Nos.</u>
2.	Supply and Installation of Surge Protection Module In load cell cable lines.	(i)East Katras WB - (ii)KSSY WB - Total:-	06 Nos. <u>01 No.</u> <u>07 Nos.</u>
3.	Supply and Installation of Base Elements Compatible with Surge Protection Module of Load Cell Cable lines.	-do	07 Nos.

**Area Manager(E&M)**  
**Katras Area**

**BCCL : KATRAS AREA**

‘ ANNEXURE’ 2.

Job details for supply and installation of upgraded version of Earthing System at Road Weighbridges of Katras Area.

**Location:- (i) West Mudidih - 01 No.**  
**(ii)East Katras - 01 No.**  
**(iii)KSSY - 01 No.**

<b>Sl.No.</b>	<b>Job Description</b>	<b>Qty.</b>
(1)	Earthing electrode Technical Specification.	
(i)	Length – 3000 mm	03 Sets.
(ii)	Outer dia – 80 mm	
(ii)	Inner dia - 40 mm	
(iv)	Connection Terminal dia – 14 mm	
(v)	Pipe - G.I.	
2.	Back Fill Compound	75 Kg
3.	Heat Resistant Multistrand Single core flexible unsheathed Cable. Voltage Grade 1100V Technical specification:- (i)Nominal area of Conductor=16 sq mm. (ii)Current Rating – 69 A	90 mtrs.

**Area Manager(E&M)**  
**Katras Area**

## **BCCL : KATRAS AREA**

‘ ANNEXURE’ 3.

Technical Specifications for supply and Installation of surge protection System at Road Weighbridge of Katras Area.

<u>Sl.No.</u>	<u>Job description</u>	<u>Technical specifications required</u>
1.	Surge Protection Module between phase to Neutral	(i) Nominal voltage – 230V – 277 VAC (ii)Arrested Rated voltage - 230V - 50 HZ (iii)Nominal discharge Current - 50 KA (iv)Protection level - 0.9 KV (v) Response time - 100 ns.
2.	Surge Protection Module Between Neutral to Earth	(i)Arrested Rated Voltage - 260 VAC (ii)Maxm. discharge Surge current - 100 KA (iii)Protection level - 1.5 KV Response time - 100 ns
3.	Surge Protection Module In Load cell cable lines	(i)Highest continuous voltage - 13V DC/9V AC (ii)Lightening Test Current - 2.5 KA (iii)Total surge Current - 20 KA (iv)Response Time - 1 ns.
1.	Base Element compatible with surge protection Module of Load Cell cable lines.	Base Element should be compatible to incorporate the Module as in Sl.No.3.

**Area Manager(E&M)**  
**Katras Area**

**BCCL : KATRAS AREA**

**ANNEXURE 'A'**

**ELIGIBILITY CRITERIA:**

01. Average Annual financial turnover of “E&M” related works during the last 3 years, ending 31<sup>st</sup>. March of the previous financial year, should be at least 30% of the estimated cost.
02. The intending Tenderers must have experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which applications are invited ( i.e. eligibility period) should be either of the following:-
  - a. Three similar completed works each costing not less than the amount equal to 40% of the estimated cost.
  - OR
  - b. Two similar completed works each costing not less than the amount equal to 50% of the estimated cost.
  - OR
  - c. One similar completed works costing not less than the amount equal to 80% of the estimated cost.
03. Earnest money should be deposited in form of cash or Bank draft in favour of Bharat Coking Coal Limited, payable at Dhanbad. Proper money receipt should be enclosed with the tender documents (Part-I), Without this tender will be rejected.
04. The validity of tender will be 120 days from the date of opening of price bid or revised price bid if any.
05. The work will not be subject to any arbitration.
06. Conditional tender will not be considered.
07. Repairer has to abide by the Central Labour Regulation Act,1970 and allied Labour laws amended up to date.
08. PAN No./VAT Registration No./Service Tax Registration No. etc.as applicable are to be submitted in part-I (technical bid) along with the tenders

Contd.....2/-

9. The firm/contractor should have local representative and after Sales Service Facility available at Dhanbad.
10. **Guarantee** :- The Contractor/Firm has to stand guarantee for a minimum period of 12 months for trouble free service of the jobs carried out by him after successful completion of the awarded work.
11. **Security Deposit**: 5% of the total awarded value of the contract shall be deposited as security amount within 7 days after issue of work order and will be released after satisfactory completion of the contract ( EMD of 1% will be adjusted & 4% balance to be deposited).
12. **Refund of EMD**:-EMD of unsuccessful Tenderers will be refunded without any interest after award of work order against this Tender.
13. **Inspecting Authority**:-Area Manager(E&M),Katras Area or his authorised representative.
14. **Paying Authority**:- Area Finance Manager, Katras Area.
15. **Payment Terms** :- As per BCCL rules after satisfactory completion of the job.
16. The offers to be given only after inspecting the site where the job has to be undertaken on any working day between 10 AM to 5 PM. Any clarification in the subject may be obtained from the office of Area Manager(E&M), Katras Area.

Area Manager (E&M)  
Katras Area