

EASTERN COALFIELDS LIMITED  
 (A Subsidiary of Coal India Limited)  
 Office of the Chief General Manager In charge  
 Rajmahal Group of Mines  
P.O.: Bara Simra : Dist. Godda (Jharkhand)

**Part-I (Technical Bid)**

**TENDER DOCUMENT**

1. NIT No.: ECL/RJML/CGM/E&M/2011-12/186 dated 08/02/2012
2. Name of the work: Lagging of conveyor non drive / drive pulley with 25mm thick diamond groove rubber sheet at Rajmahal CHP.
3. Last date for sale:  
of tender document From 16/02/2012 to 22/02/2012
4. Date & time of  
closing of tender: On 23/02/2012 upto 1:00 PM
5. Date & time of opening  
of tender (Part-I): On 23/02/2012 at 4:30 PM
6. Estimated Value Rs. 4,86,095.92 (Rs. Four Lac Eighty Six Ninety Five & Paise Ninety Two only)
7. Cost of T/document: Rs.260.00 (Rs. Two hundred Sixty only)
8. Cost of EMD: Rs. 4,861.00 (Rs. Four thousand Eighty hundred Sixty One only)
9. Issued to:
10. EMD receipt No. & Date:
11. Enclosure:
  - a) Tender Notice.
  - b) Terms and Conditions
  - c) Bill of quantity (Price Bid)

Dy. General Manager (E&M)  
Rajmahal Area

**Eastern Coalfields Limited**  
(A Subsidiary of Coal India Limited)  
Office of the Chief General Manager Incharge  
Rajmahal Group of Mines  
P.O.: Bara Simra : Dist. Godda (Jharkhand)

NIT. No. ECL/RJML/CGM/E&amp;M/2011-12/186

Dated:- 8<sup>th</sup> Feb'2012**NOTICE INVITING TENDER**

Sealed tenders are invited from the experienced and interested contractors for the following jobs as mentioned below.

SN	Description of Work	Estimated Value	Earnest Money	Cost of T.D.	Contract Period
1	Lagging of conveyor non drive / drive pulley with 25mm thick diamond groove rubber sheet at Rajmahal CHP.	Rs.4,86,095.92	Rs.4,861.00	Rs.260.00	One month

The bidder should submit the offer in Two Parts in sealed covers prominently super scribed as "Technical Bid" and "Price Bid" respectively. **Part-I (Technical Bid)** should contain EMD, past experience and other documents as per eligibility criteria etc. strictly in terms of the tender documents along with commercial conditions. The original tender document is also to be enclosed duly signed as a token of acceptance of the entire terms and conditions given in the tender document. Attested or photocopy of the VAT Clearance Certificate, Service Tax Registration certificate & PAN certificate. **Part-II (Price Bid)** envelop would consist of only as per scope of work on item rate basis. Tender document (non-transferable) containing detailed scope of work & terms / conditions can be purchased from the Chief Cashier, Eastern Coalfields Limited, Rajmahal Area on any day during working hours on payment of tender document cost against requisition. The tender paper will be sold from **16/02/2012 to 22/02/2012**. No tender paper will be issued / received by post. Tender documents can be downloaded from our website [www.easterncoal.gov.in](http://www.easterncoal.gov.in) as well as Government Portal [www.tenders.gov.in](http://www.tenders.gov.in) before 7-10 days from the last date of sale of tender paper.

The Earnest money is to be deposited in the form of demand draft in favour of "Eastern Coalfields Limited, A/c Rajmahal Project" payable either in SBI, RCMP Branch, Code No. 7265 or UCo Bank, ECL, Urjanagar Branch, Code No. 1294 against which no interest shall be payable. Tender without accompanied earnest money shall be rejected. Tenders / offers shall be received in sealed covers latest by **1:00 PM on 23/02/2012** in the office of the undersigned. Part-I (Technical Bid) offer shall be opened on the same day at **4:30 PM** in presence of the intending bidders.

ECL reserves the right, without assigning any reason whatsoever, to accept or reject any bid fully or partially and to annul the bidding process and reject all bids at any time prior to award of the contract, without any obligation to inform the affected bidder / bidders of the grounds of ECL's action.

Dy. General Manager (E&M)  
Rajmahal Area

**Distribution: -**

Chief General Manager, Rajmahal GOM  
General Manager (E&M), ECL, Sanctoria  
Chief Vigilance Officer, ECL / Sanctoria  
Dy. GM(E&M) of all area of ECL  
General Manager (OP), Rajmahal OCP  
General Manager (Fin), Rajmahal Area  
Dy. GM(Mining)/PC&D, Rajmahal Area  
Chief Manager (E&M), Rajmahal CHP  
Chief Cashier, Rajmahal Area  
All Notice Boards

## TERMS AND CONDITIONS

- 1, Name of work: Lagging of conveyor non drive pulley with 25mm thick diamond groove rubber sheet at Rajmahal Main CHP.
2. **SCOPE OF WORK**
  - \* The nature of job involves the lagging of various drums (Pulleys).
  - \* The work covers lagging of different pulleys installed conveyor of CHP.
  - \* The lagging materials shall be of proven quality. Contractor has also organize all the related work such as dismantling and re-installation of pulleys to their original position.
  - \* The materials used for the work shall be of standard make as per specification.
  - \* The contractor has to arrange for all the materials required for the work, manpower both skilled and unskilled, necessary tools and tackles etc.
  - \* Proper shut down of the concerned conveyor and other equipment shall be taken in writing before starting the work. Contractor will ensure that working on the conveyor pulley in safe.
3. **Specification of lagging materials:-**
  - \* Material, natural rubber, ash content max. 12%
  - \* Specific gravity, 1.3 ( As per IS 3400-1987, Part-9)
  - \* Hardness, shore A, 60 plus minus 5 (As per IS 3400-1987, Part-II)
  - \* % elongation of break 300 (As per IS 3400-1987, Part-II)
  - \* Tensile strength, Kg/SQ.CM 150 (As per IS 3400-1987, Part-I)
  - \* Modulus at 300% elongation, MPQ 250 (As per IS 3400-1987, Part-II)
  - \* Tear strength Kg/SQ. CM 8.0 (As per IS 3400-1987, Part-17)
  - \* Abrasion loss Cu.mm 250 plus minus 30(As per IS 3400-1987, Part-III)
  - \* Compression set (%) 12 (As per IS 3400-1987, Pat-10)
  - \* Lagging to metal adhesion Kg/CM 8.0 (ASTM, D429 Method EG ( Static)
  - \* Depth of groove 3.5 to 4mm, width of groove – 5mm to 6mm with cold bonding compound.
4. Performance guarantee / warranty:- The lagging done shall be guaranteed for minimum period of 12 months from the date of lagging for quality and durability. If lagging fail within 12 months, the same shall be redone by your again at your own cost. The management at its discretion will be empowered to impose penalty due to premature failure of lagging thereby causing shutdown of the plant.
5. Payment terms: 90% payment will be made against running and final bills. Balance 10% payment will be made after completion of the performance guarantee / warranty period. If during the performance guarantee / warranty period any default will be found, that will be made good on free of cost. The statutory taxes will be deducted at sources as per rule.
6. The entire work covered under this tender shall be completed as stipulated in tender notice. The offer shall include the tenderers time schedule and the progressive completion of the different stages / part of the total work.
7. During and or after the completion of work and before commissioning, routine test (statutory) and non- statutory required as per accepted engineering practices shall be conducted by the contractor and the results of such test shall be recorded and handed-over to the employer.
8. The contractor will have to provide the all necessary lagging sheet, solution, tools and tackles. The contractor will also provide skilled Labour with all tools and tackles for removing damaged drums for cleaning of the same.
9. The contractor will be required to depute his representative / supervisor to look after the work on behalf of the contractor. The supervisor will work as per the instruction of the Engineer in Charge or his authorized representative and should have sufficient power to take decision on behalf of the contractor.
10. The contractor shall employ only competent, skilful and orderly men to do the work. The Engineer-In-Charge shall have the right to ask the contractor to remove from the work site any men of the contractor who in his opinion is undesirable and the contractor will have to remove him within three hours of such orders. The contractor shall further be responsible for making arrangement at his own cost for accommodation and other essential needs of the staff and workers under his employment.
11. The contractor shall at all times exercise reasonable precautions for the safety of employees in the performance of his contract and shall comply with all applicable provisions of the safety laws drawn up by the State or Central Govt. or Municipalities and other authorities in India. The contractor shall comply with the provisions of the safety hand book as approved an amended from time to time by the Government of India.

12. Precautions shall be exercised at all times for the protection of persons (including employees) and property. The safety required or recommended by all applicable laws, court statutes and regulations will be observed. In case of accidents, he shall be responsible for compliance with all the requirement imposed by the Workmen's Compensation Act or any other similar laws in force, and shall indemnify the company against any claim on this account. All scaffolding, ladders and such other structure which the workmen are likely to use shall be examined by the Engineer-In-Charge or his authorised representative whenever they want and the structure must be strong, durable and of such design as required by them. In no case any structure condemned by the Engineer-In-Charge or his authority representatives shall be kept on the work and such structure must be pulled own within three hours of such condemnation and any certificate or instructions however, shall in no way detract the contractor from his responsibility, as an employer, as the company shall in no way be responsible for any claim.
13. All duties, taxes excluding service tax and other levies payable by the contractor under the contract, or for any other cause as applicable on the last date of submission of tender, shall be included in the rates, prices and the total bid price submitted by the bidder. All incidentals, overheads etc. as may be attendant upon execution and completion of work shall also be included in the rates, prices and total bid price submitted by the bidder.
- However, such duties, taxes, levies etc which is notified after the last date of submission of tender and / or any increase over the rate existing on the last date of submission of tender shall be reimbursed by the company on production of documentary evidence in support of payment actually made to the concerned authorities. However, the item wise rate quote shall be exclusive of Service Tax. Payment of service tax is subject to having service tax registration no. of the bidder and submission of a copy of Invoice / bill or as the case may be a copy of challan in accordance with the provision of Rule-4A of Service Tax Rule-1994.
14. The contractor shall make their own arrangements for carriage of all materials to the work site at his own cost and supply of all water required for contracted work and drinking water to his workmen.
15. Experience of similar work:- Experience of having successfully completed similar work during last 7 years ending last day of month previous of the one in which applications are invited should be either of the following-
- Three similar completed works each costing not less than the amount equal to 40% of the estimated cost. OR
  - Two similar completed works each costing not less than the amount equal to 50% of the estimated cost. OR
  - One similar completed work costing not less than the amount equal to 80% of the estimated cost.
- 16. EARNEST MONEY**
- Earnest Money of **Rs. 4,861.00** only shall be deposited along with the offer. Earnest money by way of demand draft shall be drawn in favour of Eastern Coalfields Limited, A/c. Rajmahal Project payable either in SBI, RCMP Branch, Code No. 7265 or UCo Bank, ECL, Urjanagar Branch, Code No. 1294 against which no interest shall be payable. Earnest Money shall accompany with Part-I of the tender only. It will not be accepted after the opening of the tender. Under any circumstances in such an event, the offer will be treated as invalid.
  - Price of tender document: - The price of tender documents shall be **Rs. 260.00 (Rupees Two hundred Sixty) only** non -refundable including sales tax. This shall be deposited with Chief Cashier, ECL, Rajmahal Area by Cash or demand draft in favour of "Eastern Coalfields Limited, A/c Rajmahal Project" payable either in SBI, RCMP Branch, Code No. 7265 or UCo Bank, ECL, Urja Nagar Branch, Code No. 1294. In case of download the tender document through Website, the cost of tender document will have to be deposited along with Part-I offer in terms Demand Draft in favour of "Eastern Coalfields Limited, A/c Rajmahal Project" payable either in SBI, RCMP Branch, Code No. 7265 or UCo Bank, ECL, Urja Nagar Branch, Code No. 1294.
17. The contractor shall make payment to all workers engaged shall paid minimum wages in the midway between the minimum wages prescribed by the Govt. under the minimum wages act, 1948 and its latest amendment. The contractor shall make necessary payment of the provident fund for the workmen engaged / employed by him for the work as per the laws prevailing under provisions of CMPF and allied schemes and miscellaneous provisions Act-1948 or Employees Provident Fund and Miscellaneous Provision Act-1952 as the case may be.

18. Assignment & subletting: The contractor shall not assign the contractor or part thereof or any benefit or interest therein without the prior written consent of the employer. The contractor shall not sublet the whole works, Even in case of subletting the contractor shall not be relieved from any liability or obligation under the contract and he shall be responsible for the acts, defaults and neglects of any sub-contractor his agent servant or workman.
19. During the course of work the quality is not found satisfactory the contract will be terminated and the earnest money deposit security deposit against the work will be forfeited and the job will be got done by any other agency at the cost and risk of the contractor.
20. The contractor shall have to maintain a register and his Supervisors will record the details of work carried out in each case along with PTW (Permit to Work) number, if any. The register is to be countersigned by concerned engineer in charge after completion of job.
21. The contractor should ensure that proper permit to work (PTW) has been issued from CHP operation, before commencement of work.
22. In case of default / abnormal delay in execution / completion of any job it can be completed departmentally or by some other agency at the risk and cost of the contractor.
23. Care shall be taken by the party to safe guard other equipments in the working area. But if any other equipment is damaged by accident, the party has to repair the same at his risk and cost. Otherwise the cost of repair with 25% overheads will be charged on the contractor.
24. The contractor has to ensure the presence of adequate manpower. But no idle charges will be paid. Payment will be made as per actual work done.
25. The contractor should follow all safety rules and should provide safety helmets, safety shoe, and safety belt. The cost of which will be born by the contractor. In case it is found that the contractor has not supplied the safety / welfare items to his workers, the same will be purchased and issued by ECL and the cost with 25% overheads shall be deducted from the bill of contractor.
26. The contractor has to insure all the persons working under him under Workmen Compensation Policy. The insurance premium will be born by the contractor.
27. In case of accident, the contractor has to provide compensation / immediate and regular medical facility to the worker at his own cost. ECL will in no case be responsible for any such matters.
28. Electrical connections, water supply, compressed air etc will be provided by ECL from nearest point free of cost. However party may have to arrange for tapping of the same.
29. Validity of offer: The offer of the contractor should remain valid for a period of 180 days from the date of opening of the tender.
30. The contractor shall be provided suitable space in the CHP area to construct his temporary office and store.
31. The contractor should maintain cordial atmosphere at site. In case of report of misbehavior or indiscipline on the part of any worker, the contractor has to remove / replace the person as per direction of Engr.-In-Charge.
32. The party should visit the site and assess the job requirements before quoting.
33. Labour wages have to be distributed within 07 (seven) days after expiry of each working month in presence of ECL representative. Each running bill will be forwarded to F&A deptt after submitting the payment sheet for wages paid to the workers.
34. The prices shall remain firm for the entire duration of contract, no escalation whatsoever will be entertained during the contract period.
35. Weekly off and holidays are to be given to the workmen as per factory act.
36. The contractor shall arrange to provide safety training to all his employees whenever asked by ECL, the contractor shall send his employees for safety training to ECL on demand and for such day the employee shall be paid average daily salary by the contractor.

Dy. General Manager (E&M)  
Rajmahal Area

**PART-II (Price Bid)****BILL OF QUANTITY****NIT No. ECL/RJML/CGM/E&M/2011-12/186****Dated: 8th Feb'2012**

SN.	Description of work	Total Sq.M.	Rate / Sq.M.	Total Amount
1	Lagging of conveyor non drive / drive pulley with 25mm thick diamond groove rubber sheet. a. Drum size, 1000mm x 1600mm –02 Nos.- 10.048 Sq.M b Drum size, 800mm x 1600mm –05 Nos. - 20.096 Sq.M. c. Drum size, 630mm x 1600mm –04 Nos. - 12.660 Sq.M. d. Drum size, 500mm x 1600mm –05 Nos – 12.560 Sq.m	55.364 Sq.M.		

Signature of Contractor  
Address