

Hiring of HEMM for extraction of 5.01 MTe Coal, removal of 12.84 MCum composite OB and 7.62 MCum re-handling OB at Quarry-I of Bhurkunda 'A' Colliery, Barka-Sayal Area for four years



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Fuelling Sustainable Growth
CENTRAL COALFIELDS LTD.

सेन्ट्रल कोलफील्ड्स लिमिटेड

(भारत सरकार का एक उपक्रम एवं कोल इंडिया लि. की एक अनुषंगी कंपनी)

दरभंगा हाउस, राँची 834 001

कॉर्पोरेट आइडेंटिटी नं. : U10200JH1956GOI000581

संविदा प्रबंधन प्रकोष्ठ (CMC Department)

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वेबसाइट : www.centralcoalfields.in

e-TENDER NOTICE

1. NIT No: CCL/GM(CMC)/Barka-Sayal/GeM/2025/25

Date:18.08.2025

Tenders are invited on-line on the website <https://gem.gov.in> from the eligible Bidders. The registration should be in the name of bidder for Individual, Proprietorship firm, Partnership firm, Company registered under Companies Act. Whereas for participation of Joint Venture / Consortium through GeM portal, the registration of bidder should be in the Name of Lead Member of the Joint Venture / Consortium and the submitted document against eligibility criteria should be in the name of Joint Venture / Consortium.

“Hiring of HEMM for extraction of 5.01 MTe Coal, removal of 12.84 MCum composite OB and 7.62 MCum re-handling OB at Quarry-I of Bhurkunda ‘A’ Colliery, Barka-Sayal Area for four years”

SI No	Description	In pit lead(KM)	Total Lead(KM)	Qty (in Cum/Te)	Estimated Rate(₹ per cum/Te)without GST	Estimated Cost of Work including GST @ 18% (in Rs.)	EMD (In Rs.)	Period of Completion
	Composite OB							
1	Hiring of HEMM for removal of OB for all kinds of strata requiring blasting (consisting of topsoil, alluvium soil etc.) including excavation of OB, loading & transportation of excavated OB, dumping in dump yard, dozing, grading, levelling at dump sites including face & other specified places, preparation & maintenance of haul roads& dewatering of working faces, water sprinkling on haul road as per instruction of the Engineer-in-charge		2-3	7980000	114.59	Rs. 3142581900 (Three hundred fourteen crore twenty five lakh eighty one thousand nine hundred only).	Rs.50,00,000 /(Rs. Fifty Lakh Only)	4 Years (1460 Days)
			3-4	4190000	128.21			
			4-5	670000	141.27			
2	Re-handling							
	Hiring of HEMM for re-handling of OB for all kinds of soil/ rocks (consisting of top soil, alluvium soil, blast rock, etc) including excavation of OB,		0-1	470000	69.36			
			1-2	2660000	79.70			
			2-3	4430000	91.95			

	loading & transportation of excavated OB, dumping in dump yard, dozing, grading, levelling at dump sites including face & other specified places, preparation & dewatering of working faces, maintenance of haul roads, water sprinkling on haul road as per instruction of the Engineer-in-charge		3-4	60000	103.77				
3	Hiring of HEMMs for coal extraction and transportation including combo transportation of coal involving part transportation from face to pithead and part transportation from surface to surface with contractor's tipping trucks from face to Coal Stock Yard no.1 without weighment, security check & challan generation and receiving, dozing face and coal dump and other specified places, grading and water sprinkling on haul road, preparation and maintenance of haul road and dewatering of working faces as per instruction of the Engineer In-charge.	0-1	0-1	110000	48.47				
		0-1	1-2	40000	60.45				
		1-2	1-2	90000	60.94				
		1-2	2-3	10000	71.77				
4	Hiring of HEMMs for coal extraction and transportation including combo transportation of coal involving part transportation from face to pithead and part transportation from surface to surface with contractor's tipping trucks from face to Coal Stock Yard no.2 without weighment, security check & challan generation and receiving, dozing face and coal dump and other specified places, grading and water sprinkling on haul road, preparation and maintenance of haul road and dewatering of working faces as per instruction of the Engineer In-charge.	0-1	1-2	340000	60.45				
		1-2	1-2	90000	60.94				
		1-2	2-3	310000	71.77				

5	Hiring of HEMMs for coal extraction and transportation including combo transportation of coal involving part transportation from face to pithead and part transportation from surface to surface with contractor's tipping trucks from face to Saunda-B Siding Mobile Crusher including <u>Weigh-ment at both end</u> , security check & challan generation and receiving, dozing face and coal dump and other specified places, grading and water sprinkling on haul road, preparation and maintenance of haul road and dewatering of working faces as per instruction of the Engineer In-charge.	0-1	4-5	1540000	92.33			
		0-1	5-6	450000	101.81			
		1-2	5-6	1940000	102.31			
		1-2	6-7	90000	111.53			

****The estimate is prepared at a base diesel price of Rs.93.18/Ltr etc. and including GST@18%.**

Note:

- The bid documents will also be available on our website www.centralcoalfields.in and www.gem.gov.in and can be downloaded by the bidder.
- The estimated cost is inclusive of GST and based on base diesel price of Rs. 93.18/Ltr.
- Please refer clause no **7** regarding details of hindrances, if any, included in estimated cost as above and applicable deductions thereof.
- Explosives, detonators and related materials connected with blasting will be provided by CCL at free of cost and the statutory supervision will be done by the CCL officials.
- The work can not be split as per relevant provisions.**

2. TIME SCHEDULE OF TENDER:

- Bid Start Date/Time:** Will be Defaulted To The Date/Time When Bid Is Published
- Bid Duration:** Minimum 15 Days
- Bid End Date/Time:** Minimum 15*24 hrs from the Bid Start Date/Time
- Bid Opening Date/Time:** 30 Min after Bid End Date & Time / Date & time mentioned in the GeM Bid Document
- Seek Clarification/Representation:** As per GeM Portal
- Pre-Bid Meeting / Interaction:** As per GeM Bid Document (If applicable)

***Note:**

- If number of bids received online is found to be less than three on end date of bid submission then the bid shall be auto extended as per GeM functionality i.e. Number of days for which the bid should be auto-extended :
 - For short-duration bids, buyers can select a period between 1 to 7 days.
 - For bids with an initial bid opening duration of 10 days or more, a 7-day extension is applied by default.

However, this feature shall be guided by as per prevailing GeM functionality.

- ii. Bidders will have right to modify / withdraw their bids during extended period of submission of bids as per GeM Functionality.
- iii. After extension, as stated above the tender shall be opened irrespective of available No. of bids on the extended date of opening of tender.
- iv. The validity period of the tender should be decided based on the final end date of submission of bids.
- v. The Employer reserves the right to issue corrigendum/addendum and it shall be binding on part of the Bidders.
- vi. The Company is not under any obligation to accept the lowest Bid/Bids and reserves the right to reject any or all the Bids without assigning any reason whatsoever, and also to distribute the work and allot the work/works to more than one Bidder or accept the tender in part and not in it's entirety, as its sole discretion.
- vii. The company reserves the right to extend the date of submission and opening of bid or to cancel the bid without assigning any reason whatsoever. **Any addendum/corrigendum/date extension etc. in respect of above tender will be published in GeM portal only. Bidders are therefore requested to visit GeM Portal regularly to keep themselves updated.**
- viii. The Company reserves its right to allow Public Enterprises purchase preference facility as admissible under prevailing policy.
- ix. Canvassing in connection with the tenders in any shape or form is strictly prohibited and tenders submitted by such tenderers who resort to canvassing shall be liable for rejection.
- x. Execution of work by engagement of child labour is also prohibited.
- xi. The Bidders should submit bid for the whole work mentioned in the scope of work / bill of Quantity.
- xii. The successful Bidder will be expected to complete the Work by the Intended Completion Date specified in the Scope of Work/Bill of Quantity.
- xiii. The Price-bids of the tenderers will have no condition. The Price-bids which are incomplete and not submitted as per relevant clause of ITB/GTC instructions will be rejected.
- xiv. **Procurement of Services through GeM for Services**
 - i) The guidelines issued by GeM/Gol from time to time through Notification/ Circular/ Office Memorandum will be followed for procurement through GeM, (only if mandated by GeM Portal), even if the same are either not specially indicated in the Bid Document or not in line with the provisions of Chapter – 6 of CIL's CMM.
 - ii) The other provisions which are not mandated by GeM portal shall be guided as per respective Manuals/ Guidelines.
- xv. It is the bidder's responsibility to comply with the system requirement i.e., hardware, software and internet connectivity at bidder's premises to access the GeM portal. Under any circumstances CCL shall not be liable to the bidders for any direct/indirect loss or

damages incurred by them arising out of incorrect use of the e-tender system or internet connectivity failures.

3. The contractor/contractors shall not pay to his employees engaged in Mining Activities of different categories, less than the minimum wages for contractual workers notified from time to time by Company/CIL as per policy decision. The prevalent Minimum wages of the contractor's workers engaged in mining activities of different categories are as under:

Categories of employee	Minimum wages of contractor's workers engaged in mining activities (w.e.f. 01.04.2025 to 30.09.2025) [as per Office Order of CIL vide CIL/C-5B/MP&IR/36 dated 12.05.2025]
Unskilled	Rs. 1285.00
Semi-skilled/Unskilled Supervisory	Rs. 1317.00
Skilled	Rs. 1350.00
Highly Skilled	Rs. 1383.00

[refer Section 2(j) of Mines Act 1952]

4. Pre-bid Meeting/Interaction (If applicable):

~~Pre-bid meeting will be held on..... at..... (time) in the office of The purpose of the pre-bid meeting is to clarify the issues and to answer the questions on any matter that may be raised at that stage. Non-attendance at the pre-bid meeting will not be a cause for disqualification of Bidder and it shall be presumed that the Bidder does not require any clarification. If a Pre-Bid meeting is held then the minutes of the Pre-Bid meeting shall be uploaded on the GeM Portal at least 07 days before of the Bid Submission end Date.~~

5. The provisions regarding notification of award, formation of agreement, acceptance/rejection of Bid, cancellation/award with respect to the Tender etc shall be the Part of Bid Document.
6. **Pre-Contract Integrity Pact ***: Bidders are required to accept the pre-contract integrity pact as available in the Bid document through Bid Submission Confirmation Sheet Provided in GeM Bid Document. This will be signed by the authorized signatory of the Bidder (s) with name, designation and seal of the Company at time of execution of formal agreement. In case of Partnership Firms/JV/Consortium all partners shall sign at the time of agreement.

Name, address and contact Number of the Independent External Monitor (IEM) are as follows:

Name	e-mail address
Shri Sanjiv Garg, IRTS(Retd.)	<i>sanjivgarg.iem@gmail.com</i>
Shri Rohit Choudhary, IPS (Retd.)	<i>aol.rohit@gmail.com</i>

7. Hindrances in transportation route considered in estimated cost and deductions applicable on award:

~~I. The estimated cost as above includes rates for hindrances as follows:~~

~~(a) On account of crossing : _____ Rs./Te~~

~~On award, existence of the hindrances considered in estimate as above shall be verified & recorded. Hindrances shall be reviewed to check for its continuance. On reduction/withdrawal of hindrances, the same shall be recorded. When any of hindrance(s) included in estimate is withdrawn/reduced after award/during execution, deduction shall be applicable from awarded rate of the transportation item @ (rate of hindrance considered in estimated rates to the extent reduced or withdrawn) x (awarded rate /estimated rate of the transportation item). The continuance/reduction/withdrawal of hindrance shall be certified by Engineer-in-Charge.~~

~~The verification of hindrances shall be done jointly by Engineer-in-charge (EIC) and the contractor or their authorized representative and a record shall be maintained duly signed by both parties.~~

II. Wherever applicable, if rate of transportation is including weighment at one end or both ends of transportation route, on award, the applicable rate of deduction shall be in proportion of awarded rate to the estimated rate for that item i.e. [Rs. **0.54** for one weighment or **1.08** for both side weighment x (awarded rate/estimated rate)]

8. Only GPS/GPRS device and RFID tag equipped tipping trucks/dumpers shall be allowed to ply within the mines area/on route(s) to destination as per contract, by the contractor for transportation of coal. Such GPS/GPRS devices and RFID tags shall be installed by CCL free of cost through the service integrator in all tipping trucks /dumpers approved by PO/GM. Contractor shall be responsible for safety and security of that GPS devices and RFID tags. In case of damage/theft of such devices, the operation of that tipping truck /dumpers shall be stopped and contractor shall inform project officer (PO) immediately about the damage/theft. It will be responsibility of PO to get a new GPS/GPRS device and/or RFID tag installed immediately. The cost of GPS/GPRS device and/or RFID tag along with installation cost and penalty etc. (if any) shall be recovered from the running bills of the contractors, as per directions given by AGM/SO (Mining) of concerned Area/locations. The contractors are further advised to take all pro-active measures in consultation with AGM/SO (Mining) Area to avoid delay in replacement of GPS devices lost/damaged by the contractor in outsourced trucks. In no case the tipping trucks/dumpers without having active GPS/GPRS device and RFID tag shall be allowed for transportation of coal.

9. **Initial Medial Examination** of all contractual mining workers is mandatory and an amount of ₹ (INR) 950.00 (Rupees nine hundred fifty only) or as per subsequent revised rate shall be charged towards conducting IME for each Contractor's worker, which shall be recovered from the bills of the contractors.

10. Geology & Reserve (Technical Report):

Geology & Status of Coal Seam: Quantity of OBR, RH OB & Coal has been estimated from Surface to Argada D Bottom Seam on the basis of borehole No. CKBD-01, CKBD-02, CKBD-03, CKBD-04, CKBD-05, CKBD-06, CKBD-07, CKBD-08, CKBD-09 and CKBD-10 existing bench profile within & in the vicinity of the proposed patch.

Seam-wise details of Geological vis-à-vis Mineable Reserves: -

S L	Seam Name	Seam Thickness (m)	Geological Reserve (MT)	Balance Mineable Reserve (MT)
1	Bansgara	4.06-10.35	7.35	0.00
2	Bansgara A	3.11-4.60	4.39	0.00

3	Bansgara D	0.45-1.85	3.67	0.02
4	Upper Sirka	0.62-8.34	15.47	0.15
5	Middle Sirka	0.41-2.70	3.64	0.03
6	Lower Sirka	0.76-4.92	8.29	0.04
7	Sirka A	1.3	-	0.05
8	Argada	5.50-28.63	79.91	1.06
9	Argada A	2.59-12.67	56.78	1.92
10	Argada B	0.39-8.17	27.86	0.97
11	Argada C Top	0.26-2.27	5.92	0.12
12	Argada C Bot	0.48-4.25	10.02	0.33
13	Argada D Top	0.35-3.37	7.83	0.13
14	Argada D Mid	0.17-3.71	11.58	0.04
15	Argada D Bot	0.07-3.20	7.79	0.15
				5.01

Dimension and Area of Proposed Patch:

Dimension: 750 mt x 420 mt. (surface to surface)

Max. Depth of Quarry: 120 m

Min. Depth of Quarry: 70 m

Proposed Production Program:

<i>Year</i>	<i>Coal (M Te)</i>	<i>OB (M Cum)</i>	<i>RH (M Cum)</i>	<i>S/R</i>
<i>1st Year</i>	<i>0.51</i>	<i>1.51</i>	<i>3.00</i>	<i>8.84</i>
<i>2nd Year</i>	<i>1.00</i>	<i>3.50</i>	<i>2.50</i>	<i>6.00</i>
<i>3rd year</i>	<i>1.75</i>	<i>3.50</i>	<i>2.12</i>	<i>3.21</i>
<i>4th year</i>	<i>1.75</i>	<i>4.33</i>	<i>0.00</i>	<i>2.47</i>
<i>Total</i>	<i>5.01</i>	<i>12.84</i>	<i>7.62</i>	<i>4.08</i>

Quantity of OB to be Re-handled: 7.62 MCum of OB has been proposed to be re-handled. However, Mining Plan has no provision for re-handling of OB. But this rehandling will be required to work in the proposed patch.

Proposed Site for OB Dumping: - The OB excavated from this patch will be dumped at proposed external OB dump of quarry-I as per approved Mining Plan. No dumping of OB should be done other than where proposed in PR/EPR/Mining plan.

Land required: Total land required for this proposed outsourcing patch, coal & OB

dump and haul road is under physical possession of Bhurkunda Colliery.

Employment: - Not required.

Land Compensation: - Not required.

Rehabilitation: - Not required.

Status of Forest Land Clearance: Forest land of Bhurkunda Colliery has been broken before 1980. For that broken forest land certificate has been issued by PCCF Jharkhand. However about 800 nos. of trees has been planted by CCL in the proposed patch and about 3100 nos. of trees planted in the proposed external dumping area which needs to be dealt as per existing rules and regulation.

Status of EMP clearance: EC is valid for 09 years w.e.f. 13.07.2022. (Up to 12.07.2031) for 2.05 MTY.

Underground if Any: - No U/G working below proposed patch. Old UG working exists towards 300m North side of proposed quarry which is waterlogged.

Existence of Fire – No Fire in proposed working Patch.

Status of River/Nala/Road/ Rail: - The Nakari River is flowing in North side of the proposed patch where an embankment is already existing which requires strengthening and pitching of embankment facing the water body.

Area/ Project is therefore advised to take up the work of strengthening of embankment against Naikari River at the earliest so that Naikari River water does not enter into the workings of proposed outsourcing.

However, to protect Quarry from old waterlogged UG workings, workings of instant proposal should not extend beyond the 60 mtrs hard cover against water logged old workings of adjoining Quarries.

Presence of Water: - Approx. 663-million-gallon accumulated water ,laying towards western side of the proposed quarry is to be pumped out to prevent any possible inrush of water.

This dewatering activity is to be carried out prior to commencement and during the course of operation, and the pumping work will be undertaken departmentally.

Proposed Dewatering:-

The contractor shall make their own pumping arrangement to dewater the working faces during mining operation.

Geological disturbances like faults or dykes fall in the proposed patch: 3 to 4 nos of faults encountered throughout the proposed patch.

Linkage of Coal, Mode of Weighment: Coal shall be dispatched through Road and Rail mode.

Status of Feeder Breaker/mode of crushing of coal to be dispatched:

Feeder Breaker has been installed at receiving end Saunda –B siding.

Status of Statutory Permissions Required: All statutory permission will be taken before operation. The contractor shall implement Regulation 39 of CMR 2017 and will take necessary permission related to HEMM and equipment.

Safety Measures: -

1. Precautions against danger from surface water may be taken as per Reg 149 of CMR 2017.
2. SMP should be prepared as per new working conditions.
3. Job Hazard Analysis based SOP should be prepared.
4. Blasting permission as per Reg. 196 (3) if required, may be obtained from DGMS.
5. Method of working, Ultimate pit slope, dump slope and monitoring of slope stability should be maintained as per Reg. 108 of CMR 2017.
6. All other relevant statutory obligations should be strictly followed.

Blasting: 100% of coal and Composite OB required drilling and blasting. Blasting operation will be carried out departmentally. Blasting officer and blasting overman will ensure drilling of blast holes as per approved blasting pattern by hired drills. Drilling to be done by the outsourcing agency. Charging and stemming will also be done by the outsourcing agency under the supervision of the Mine Management. Proper fragmentation of blasted material will be ensured by outsourcing agency. In case of formation of boulders, it will be reduced using rock breaker/jack hammer drill by outsourcing agency.

Infrastructure & Supervision of the working of Out-Sourcing patch:

All the manpower required for operation will be provided by Contractor. However, the team for supervision will be arranged by Mine Management from the existing resources of Bhurkunda A Colliery.

GM(CMC)CCL

Copy to:

1. Director (Tech) (Oprn), CCL, Ranchi

2. Director (Tech) (P&P), CCL, Ranchi
3. TS to CMD, CCL, Ranchi.
4. GM(O)/ GM(F), CCL, Ranchi
5. GM All Areas of CCL
6. PRO, CCL, Ranchi- to publish salient details of NIT as per guideline