



सीएमपीडीआई
मिनी रत्न
cmpdi
Mini Ratna

सेन्ट्रल माईन प्लानिंग एण्ड डिजाइन इन्स्टीच्यूट लिमिटेड
(कोल इण्डिया लिमिटेड की अनुषंगी कम्पनी / भारत सरकार का एक लोक उपक्रम)
गोन्दवाना प्लेस, कान्के रोड, राँची - 834 008, झारखंड (भारत)
Central Mine Planning & Design Institute Limited
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)
Gondwana Place, Kanke Road, Ranchi - 834 008, Jharkhand (INDIA)

CORPORATE IDENTITY NUMBER - U14292JH1975GOI001223

An ISO 9001: 2015 & ISO 37001: 2016 Certified Company

Pre-NIT Meeting Notice

CMPDI (HQ) intends to organize a pre-NIT meeting at CMPDI HQ, Ranchi on 8th June 2026 at 03:00 PM with prospective bidders for Hiring of 1200m capacity Truck/Crawler Mounted Hydrostatic Drills to finalize scope of work, service requirements, eligibility criteria, guaranteed productivity, maintenance responsibilities, payment mechanism and other tender conditions. The draft scope of work is attached herewith for reference.

Details of the pre-NIT meeting are as follows:

Date: 8th June 2026

Time: 03:00 PM (IST)

Venue: Conference Room, CMPDI HQ or through Video conferencing (link will be shared).

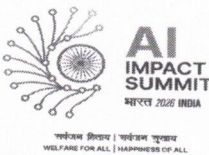
Office of the General Manager (Exploration) may be contacted for details/clarifications on phone (+91 9425390240) between 09:30 Hrs to 17:30 Hrs (IST) or through e-mail (gmexpl.cmpdi@coalindia.in).

Ranchi

Date: 02.06.2026

L.A. 2/6/26
On and behalf of CMPDIL

GM (Exploration)



फोन नम्बर/Phone No. :

फैक्स नम्बर/Fax No. :

ई-मेल/E-mail: gmexpl.cmpdi@coalindia.in

वेब साईट/Website: www.cmpdi.co.in

Scope of Work for Hiring of Drill Rigs

Hiring contract to provide Hydrostatic Drill Machines (Truck/Crawler Mounted) of including maintenance, spares, oil and lubricants (except HSD), insurance coverage, one operator per drill per shift and shifting of equipment on hiring basis for drilling work for coal and non-coal minerals in different locations across India for a contractual period of 3 (Three) years.

Scope of Bidder:

1. **Capacity and Quantity of Hydrostatic Drill Rigs:** Bidders may participate for the following categories, as per their capabilities and interest. The required capacity and quantity of Hydrostatic Drill Rigs is provided below:

S. No	Drilling Depth Capacity (Hydrostatic Drill Rigs capable of drilling in N size for a depth up to)	No. of Rigs Required
1	1200m	5 nos.

Note: Borehole size (P/H/N/B) shall be the decision of CMPDI. The drill shall be capable of drilling 1200 mtrs vertical coring holes in N/NQ size in a single line pull in fluid filled hole condition or equivalent in other sizes P size / H size/ B size.

2. **Age of the Hydrostatic Drill Rigs:** The drill rigs offered for hire must be owned by the bidder and must have been manufactured on or after 01.04.2023 and should not have operated for more than 9000 hrs. Documentary evidence should be submitted along with the bid.
3. **Eligibility:** The eligibility criteria based on the manufacturing capacity or ownership of hydrostatic exploratory wireline core drill rigs as per below details:

A. Ownership / Manufacturing Capacity

Applicant bidder shall have manufacturing capacity or ownership of hydrostatic exploratory wireline core drill rig having minimum 1200m drilling depth capacity - Minimum quantity 5 nos.

AND

B. Experience Criteria

The bidder shall satisfy at least one of the following experience criteria:

(i) Maintenance / Service Experience

The bidder shall have experience of Comprehensive Annual Maintenance Contract (CAMC), Operation & Maintenance (O&M), Repair, Overhauling or Servicing of Hydraulic/ Hydrostatic/ Mechanical Drilling Rigs or similar hydraulic equipment involving hydraulic drive systems, rotary head, mast systems, power packs, control systems, and other associated drilling components (e.g., mud pumps, drill rods handling systems, crawler assemblies, etc.) either in core drilling, blast hole drilling or other industrial drilling domains.

OR

(ii) Exploratory Drilling Experience

The bidder shall have experience in execution of exploratory drilling works in coal and/or non-coal mineral blocks using hydrostatic, hydraulic, mechanical, wireline core drilling, or equivalent drilling systems. The bidder is required to submit details with supporting documents.

Title and Ownership: The bidder shall maintain clear and unencumbered title and ownership of all leased drill rigs throughout the entire lease term.

4. **Condition of Rigs:** The bidder should ensure that all drill rigs deployed are in good working order and fit for their intended purpose, subject to normal wear and tear.
5. **Provision of Documentation:** The bidder shall provide copy of all relevant documents regarding ownership of drill rigs like engine no, drill serial no, manufacturer certificate etc, and any necessary registration documents for each drill rig before deployment.
6. **Operation Support:** The bidder shall provide one skilled operator per rig per shift for operation of the rig as per OEM manual. The operator shall have mandatory OEM training /Minimum 3 years of field experience in exploratory drilling.
7. **Comprehensive Maintenance of Drill Rigs:** The successful bidder shall deploy the requisite personnel for drill rig including truck/crawler maintenance which includes:
 - Routine and Preventive Maintenance: Performing all routine and preventive maintenance as per drill rig and truck/crawler OEM maintenance schedule.
 - Breakdown Maintenance: Carrying out all breakdown repairs promptly to minimize downtime.
 - All necessary oils and lubricants (e.g., engine oil, lubricants, coolants, gear oil etc.), only excluding HSD, required for the operation of the drill rig, shall be supplied, top- up and change by the bidder in accordance with their maintenance schedule.
 - Any deficiencies or failures arising from inadequate maintenance will be the exclusive responsibility of the bidder, and CMPDI shall not incur any additional charges for these.
8. **Insurance:** The drill rigs provided on a lease basis shall be fully insured by the Bidder, at the bidder's own risk and cost, for the entire duration of the lease period. The insurance coverage shall include, but not be limited to, loss, theft, damage, and transit-related risks. Under no circumstances shall CMPDI be held responsible for any loss, damage, or theft of any components or sub-components of the drill rigs, regardless of the cause.

Any claims arising from such incidents shall be dealt with directly by the bidder with the respective insurance underwriters. A copy of the valid insurance policy must be submitted to CMPDI prior to the commencement of the lease and must be renewed timely.
9. **RTO Documents & Taxes of Drill Rigs:** The contractor shall ensure that, if applicable, all RTO documents related to the drill rig are kept up to date. The contractor shall obtain and provide, the valid route permits, if applicable, wherever necessary. It shall be the sole responsibility of the contractor to pay any penalties, fines, or dues imposed by the RTO for non-compliance with applicable rules and regulations, as amended from time to time.

10. Mobilization and De-Mobilization of Drill Rigs: Deployment of Hydrostatic Drill Rigs shall be as per requirement and instructions of CMPDI.

a. Mobilization:

The expenses incurred towards 1st mobilization of Drill Machine to an indicated block/site including intra-block movement shall be borne by the bidder only. The subsequent Mobilizations/shifting of hydrostatic drill rigs from one bore hole to another will also be the responsibility of bidder.

Site/Block Relocation: CMPDI shall notify the successful bidder in writing at least 5 days, prior to any relocation of the drill rig(s) to a new block and at least 1 day for shifting of drill rig within the block:

The mobilization from one drill site/ block to another drill site/ block shall be borne by contractor up to 100km, beyond that the cost will be reimbursed by CMPDI on submission of bills. However, contractor/ bidder should indicate the per km charges post 100km in the bid/BOQ. Corresponding RTO charges will be reimbursed on actual basis.

b. De-Mobilization:

Similarly, the expenses towards de-mobilization after completion of drilling work shall be borne by the bidder only.

c. Transit Insurance: The transit insurance during entire Mobilization and De-Mobilization shall be the responsibility of the bidder.

d. Responsibility: The responsibility for safe dismantling, loading, transportation, unloading, and re-installation of the drill at the new location shall rest with the bidder. All necessary equipment, manpower, and logistics required for such shifting shall be arranged by the contractor. The contractor shall ensure that the shifting operation is carried out safely. Any damage arising during shifting shall be the responsibility of the bidder and shall be rectified at no extra cost to the CMPDI.

11. Lease Term and Renewal

a. Commencement Date: Bidder shall deploy the drill rig within 60 days from the date of issue of Work Order. The penalty shall be applicable for shortage in minimum guaranteed meterage due to late delivery.

b. Lease Term: CMPDI intends to utilize the rigs for an indicative minimum duration of six months, which may be scheduled at any time within the overall contractual window of thirty-six (36) months from the date of issue of the Work Order; however, no minimum work, minimum meterage, or minimum payment is guaranteed. The utilization shall be in blocks of not less than two (2) continuous months, which may be split into multiple batches if required, subject to project requirements, rig performance, and availability.

c. Option to Renew: The lease duration may be extended on mutual agreement between CMPDI & the Bidder.

- d. **Early Termination:** CMPDI reserves the right to vary the number of drills deployment and/or early termination of the contract depending upon drilling requirement with/without assigning any reasons thereof at any time during the contract period by giving two-month notice period.

12. Terms & Pricing

- a. **Lease Charges including maintenance with spares & consumables:** The Bidder shall quote lease Charges for each individual Drill Rig on per drilling meter basis. This charge shall cover all routine, preventive and break-down maintenance activities, including the supply of all required oils, lubricants, coolants, greases, consumables (excluding HSD, which shall be supplied by CMPDI), spares, tyres, tubes & flaps and any other parts or accessories required for the drill & truck or crawler. This part shall also cover the provision of necessary skilled manpower for maintenance purpose.
- b. **Operator Charges:** The bidder shall quote drill operator charges on per meter basis. This charge shall cover one operator per rig per shift.
- c. **Drill Rig Shifting Charges:** The Bidder shall quote separate shifting charges applicable for the transportation of each Drill Rig for distances exceeding one hundred (100) kilometers from its previous operational site to a new designated site. These charges shall be quoted on a per kilometer basis. Shifting within a 100 km radius shall be deemed to be included in the lease charges.

13. **Minimum Guaranteed Productivity:** The drill rigs deployed with operators shall ensure guaranteed average monthly productivity per quarter region-wise as per below:

Area	Minimum Average Monthly Guaranteed Productivity (m/month)
RI-I, Asansol	500
RI-III, Ranchi	550
RI-IV, Nagpur	450
RI-V, Bilaspur	750
RI-VI, Singrauli	900
RI-VII, Bhubaneswar	750

- a. In case the achieved productivity of a drill (Quarterly basis) falls short of the minimum guaranteed productivity, a penalty of 1% of the quarterly lease value of that particular rig for every 1% (or if fraction, to be rounded off to nearest whole number) shortfall in that particular quarter subject to maximum 10% quarterly lease value of the rig will be deducted.
- b. Penalty & Productivity calculation will be made on quarterly basis. If quarterly average productivity is less than the minimum guaranteed productivity mentioned at above table, penalty applicable be recovered from the running bills and/or to be

recovered from Performance Bank Guarantee. The penalty once deducted will not be refundable. The bidder shall be intimated accordingly.

- c. Quarterly Lease Value for the purpose of penalty shall mean the value of drilling work corresponding to the minimum guaranteed quarterly productivity of the concerned rig, calculated at the accepted per-meter hiring rate, after allowing admissible hindrance relaxation, if any.

Quarterly Lease Value = Guaranteed Quarterly Meterage × Accepted Hiring Rate per Meter

Where:

Guaranteed Quarterly Meterage = Monthly Guaranteed Productivity × 3

Penalty Calculation Formula

Productivity Shortfall % = (Guaranteed Quarterly Meterage – Actual Quarterly Meterage) × 100 / Guaranteed Quarterly Meterage

Penalty rate: 1% of Quarterly Lease Value for every 1% shortfall

Subject to maximum: 10% of Quarterly Lease Value

Illustration:

Particular	Value
RI	RI-III, Ranchi
Minimum guaranteed productivity	550 m/month
Quarter period	3 months
Guaranteed quarterly productivity	550 × 3 = 1,650 m
Accepted hiring rate	₹1,700/m
Actual achieved productivity in quarter	1,400 m
Hindrance relaxation	Nil

Step 1: Quarterly Lease Value = 1,650 × 1,700 = ₹28,05,000

Step 2: Shortfall = 1,650 – 1,400 = 250m

$(250/1650) \times 100 = 15.15\%$

Rounded off to nearest whole number = 15%

Step 3: Penalty Rate

Penalty = 1% for every 1% shortfall

15 × 1% = 15%

But maximum penalty is capped at 10%.

Therefore, applicable penalty = 10% of quarterly lease value

Step 4: Penalty Amount

10% × ₹28,05,000 = ₹2,80,500

Therefore, penalty recoverable = ₹2,80,500

- d. **Hindrance & Relaxation in Productivity Penalty:** The drill site availability shall be responsibility of CMPDI. In case of hindrances attributable to CMPDI or Force Majeure conditions, proportionate relaxation in minimum guaranteed productivity and corresponding penalty shall be allowed as detailed in point no 14 (i). The hindrances may include:
- a. Delay or non-availability of HSD, drilling accessories, water supply, drill crew or any material under the scope of CMPDI.
 - b. Abnormally bad weather
 - c. Serious loss or damage by fire
 - d. Civil commotion, strikes or lockouts affecting any of the trades employed on the work,
 - e. Delay on the part of the Contractors or tradesmen engaged by the Company not forming part of the contract, holding up further progress of the work
 - f. Any other causes which, at the sole discretion of the Company is beyond the control of the Contractor.

A "Hindrance Register" shall be maintained by both the Company and the Contractor at site to record the various hindrances, as mentioned above, encountered during the course of execution. Hindrance register will be signed by both the parties. The contractor may also record his observations in the Hindrance Register. In case the contractor has a different opinion for hindrance and a dispute arises then the matter would be referred to the HoD (Exploration) and or the next higher authority whose decision would be final & binding on the contractor & the decision to be communicated within 15 days.

- (i) The guaranteed quarterly productivity may be relaxed for hindrances as per below formula:

$$\text{Relaxed Productivity} = \frac{\text{Guaranteed Quarterly Productivity} \times (\text{Total Quarter Shift Hours} - \text{Total Hindrance Hours in Quarter})}{\text{Total Quarter Shift Hours}}$$

Illustration as an example, suppose:

- Quarterly guaranteed productivity = 1650 m
- Hindrance = 2 days x 16 shift hours = 32 hours
- Quarter hours = 90 days x 16 shift hours = 1440 hours

Then:

$$\text{Relaxed productivity} = 1650 \times (1440-32)/1440 = 1613.3 = 1614 \text{ (round off to next whole number)}$$

Penalty shall be calculated only below: 1614m instead of 1650 m.

Therefore,

$$\text{Quarterly Lease Value} = 1614\text{m} \times ₹1,700/\text{m} = ₹27,43,800$$

$$\text{Shortfall: Relaxed Productivity - Actual achieved} = 1614 - 1400 = 214\text{m}$$

$$(214/1614) \times 100 = 13.25\%$$

Rounded off to nearest whole number = 13%

Step 3: Penalty Rate

Penalty = 1% for every 1% shortfall

$$13 \times 1\% = 13\%$$

But maximum penalty is capped at 10%.

Therefore, applicable penalty = 10% of quarterly lease value

Step 4: Penalty Amount

$$10\% \times ₹27,43,800 = ₹2,74,380$$

Therefore, penalty recoverable = ₹2,74,380

14. Mud Management & Borehole Stability

The bidder shall be responsible for proper drilling fluid (mud/polymer or other additives) management during drilling operations and shall maintain drilling fluid properties, including viscosity, density, filtration loss, pH, and sand content, in accordance with OEM recommendations, geological requirements, and standard drilling practices suitable for the encountered formation conditions.

The bidder shall ensure deployment of suitable mud mixing and circulation arrangements, including mud pumps, mixing equipment, additives, and trained personnel for effective borehole stabilization, particularly in loose, fractured, swelling, caving-prone, or unstable formations.

Mud Monitoring & Record Keeping

A Mud Log Register shall be maintained at site jointly by CMPDI and the bidder, recording:

- drilling fluid properties,
- mud additive consumption,
- circulation losses,
- caving observations,
- borehole instability events,
- stuck pipe incidents,
- corrective measures taken,
- depth-wise geological conditions.

The Mud Log Register shall be jointly signed periodically by authorized representatives of CMPDI and the bidder and shall form part of operational records for dispute resolution and performance evaluation.

Any borehole collapse, stuck drill string, excessive caving, or instability event directly attributable to:

- improper mud management,
- failure to maintain prescribed drilling fluid parameters,

- inadequate circulation,
 - delayed corrective action,
 - non-deployment of required mud management arrangements,
 - operator negligence,
- shall be treated as Bidder responsibility, and no productivity relaxation shall be admissible for such duration.

However, where borehole instability, collapse, or stuck pipe is substantially attributable to unforeseen adverse geological conditions despite compliance with prescribed mud management practices, such duration may be considered for partial or full hindrance relaxation based on joint assessment and certification by the HoD (Exploration)/Camp In-Charge.

Geological Difficulty May Include major fault/shear zones, highly fractured strata, swelling shale/clay, artesian pressure zones, severe loss circulation zones, loose unconsolidated formations, abnormal groundwater inflow, cavity/void zones etc.

In case of dispute regarding attribution of borehole instability, the matter shall be jointly reviewed based on Mud Log Register, daily progress reports, core recovery pattern, circulation records, geological logs, site observations, and decision of the HoD(Exploration) shall be final. However, Consumption of mud additives alone shall not automatically qualify as proper mud management unless prescribed drilling fluid parameters are maintained.

Standby Compensation for Geological Hindrance

In case drilling operations are interrupted due to unforeseen geological difficulties such as stuck drill string, fishing operations, severe borehole collapse, fault zones, excessive swelling formations, cavity zones, or abnormal subsurface conditions not attributable to bidder negligence, the bidder may be considered for standby compensation during the approved hindrance period. Such compensation shall be admissible only upon certification by the HoD (Exploration)/Camp In-Charge based on drilling records, Mud Log Register, geological observations, and operational reports confirming that proper drilling and mud management practices were followed by the bidder.

Standby compensation shall be payable at the rate of ___% of equivalent daily lease value for the approved hindrance duration, subject to maximum admissible duration of 14-21 days per incident and overall ceiling of 10% of annual estimated lease value. No standby compensation shall be admissible for delays attributable to bidder negligence, improper drilling practices, mechanical breakdowns, inadequate mud management, non-availability of manpower/spares, or operational deficiencies attributable to the bidder.

- Standby Compensation = Estimated Annual Lease Value/365× 25% to 40%
- Total standby compensation shall not exceed 10% of annual estimated lease value.
- Maximum Admissible Duration Per Incident shall be 14 days or 21 days in exceptional cases. Beyond this CMPDI may decide abandonment/replacement borehole/alternate deployment.

15. HSD Management:

HSD shall be issued by CMPDI to the contractor on hourly operation basis of the drill rig and associated equipment, subject to the benchmark fuel consumption norms established for the concerned RI for similar category hydrostatic drill rigs. The operating hours of the drill rig shall be determined based on drill rig hour meter readings and joint certification by the Camp In-Charge and authorized representative of the contractor.

The benchmark HSD consumption norms shall be finalized and communicated by CMPDI before commencement of work based on historical operational data of the respective RI. CMPDI reserves the right to revise the benchmark norms based on actual field performance, geological conditions, technological improvements, or operational requirements during the contract period.

Any HSD consumption exceeding the prescribed benchmark norms without justified operational reasons and without approval of the Camp In-Charge shall be recovered from the contractor at prevailing market rate including applicable taxes and overheads. However, excess HSD consumption attributable to difficult geological formations, excessive borehole instability, severe caving formations, deep hole operations, abnormal water loss zones, prolonged fishing operations, or other operational difficulties certified by the Camp In-Charge, may be considered for proportionate relaxation on case-to-case basis.

The contractor shall ensure proper maintenance and tuning of engines, efficient operation of drill rigs, prevention of fuel wastage, no pilferage or unauthorized use of HSD, proper maintenance of fuel consumption records. The contractor shall also maintain a Fuel Log Register jointly with CMPDI indicating:

- Date,
- Opening balance,
- Quantity issued,
- Operating hours,
- Closing balance,
- Cumulative consumption,
- Remarks on operational conditions.

The Fuel Log Register shall be jointly signed by authorized representatives of CMPDI and the contractor.

CMPDI shall have the right to:

- verify fuel consumption records,
- inspect fuel tanks and storage,
- conduct surprise checks,
- verify operating hours,
- and audit fuel utilization records at any time during the contract period.

Any abnormal variation, manipulation of records, pilferage, or misuse of HSD detected during inspection shall be treated as breach of contract and may attract recovery, penalty, suspension, or termination of contract as deemed fit by CMPDI.

16. Payment terms:

- a. All charges shall be paid in Indian Rupees only.

- b. The charges shall be payable on quarterly basis at the end of each quarter on getting certification from the concerned Camp In-Charge and acceptance from HOD (Exploration).

17. Safety of Man & Machine: The bidder shall be responsible for safe operation of drill rigs & safety of operators deployed. The bidder shall ensure the provision of PPE for its operators and maintenance crew and take liability in case of any accident of the drill & operators. The compensation responsibility, if applicable shall be with the bidder only.

18. Other Terms & Conditions:

- i. CMPDI may conduct half-yearly performance review and may reduce deployment or terminate poor-performing rigs.
- ii. Contractor shall provide replacement rig within 15 days in case of prolonged breakdown (breakdown of more than 1 month).
- iii. CMPDI shall have right to inspect, reject, suspend unsafe or under-performing rigs.