



ONGC

DATE: 30.06.2026

Subject: Notification of Award (NOA) for Hiring of services of ABB Engineer for ABB make equipment of Drillemec Rig NG-1500-1, Drilling Services, ONGC Cambay Asset.

With reference to the above subject and reference ONGC, Cambay Asset is pleased to offer NOA for Hiring of services of ABB Engineer for ABB make equipment of Drillemec Rig NG-1500-1, Drilling Services, ONGC Cambay Asset as per the following rates and terms and conditions:

SCHEDULE OF WORK / ITEM(S)						
Sl.No	Description of Work / Item(s)	No.of Qty	Units	Item Code	ABB India Limited (GSTN-NA) BID ID 1022745	
					Rate Without Tax	Rate With Tax
1.00	Mandays and Material Support					
1.01	Mandays for assessment and repair of ABB Make inverters of drilling rig	12.00	Mandays	item1	600000.00	708000.00
1.02	Replacement of damaged spares	2.00	AU	item2	100000.00	118000.00

700000.00	826000
-----------	--------

- ABB maintenance manuals

- ABB maintenance manuals
- ONGC electrical safety standards

iii. Work shall be certified by EIC before acceptance.

2. **Fault Diagnosis and Troubleshooting**

The service engineer shall carry out systematic fault diagnosis of ABB make VFD systems, rectifiers, inverter units, and braking choppers using OEM-recommended procedures and diagnostic tools. This shall include:

- i. Analysis of fault logs, event history, and alarm records
- ii. Verification of drive parameters and control signals
- iii. Identification of faulty modules, communication issues, or protection trips
- iv. Isolation of root cause to the extent feasible at site

The objective shall be to restore the equipment to safe and reliable operation in minimum time.

3. **Replacement of Faulty Modules, Cards, Fans, or Accessories**

Where faults are traced to defective components, the service engineer shall:

- i. Identify the faulty module, control card, cooling fan, or accessory
- ii. Guide and supervise replacement using available spare parts on the site
- iii. Ensure proper installation, connections, and settings after replacement

All replaced parts shall be handed over to ONGC for records and further action.

4. **Rectification of Wiring, Connection Faults, or Parameter Issues**

The service engineer shall assist in rectification of:

- i. Loose or incorrect control and power wiring related to ABB drive systems
- ii. Communication faults involving fieldbus or control interfaces
- iii. Incorrect or corrupted drive parameters

Parameter corrections shall be carried out in accordance with OEM-recommended settings and operational requirements of the rig in consultation with ONGC.

5. **Testing and Recommissioning after Repair**

After completion of repair or rectification, the service engineer shall:

- i. Carry out functional checks of the drive
- ii. Verify interlocks and protections
- iii. **Test operation under different loading conditions**, as feasible in coordination with rig operations
- iv. Confirm stable and satisfactory performance before handing over the equipment

6. **Backup of Drive / Chopper / Rectifier Parameters**

The service engineer shall:

- i. Take backup of drive parameters before and after intervention
- ii. Restore parameters where required
- iii. Provide soft or hard copy of parameter backup to the Electrical-in-Charge (EIC) on the site for record

7. **Submission of Corrective Maintenance Report**

After completion of work, the service engineer shall submit a comprehensive corrective maintenance report including:

- i. Description of fault and probable cause
- ii. Work carried out
- iii. Parts replaced (if any)
- iv. Tests conducted
- v. Final status of equipment

The report shall be signed jointly by the service engineer and ONGC representative.

8. **Any Other Work Related to ABB Drives as Instructed by EIC**

The service engineer shall attend to any additional work related specifically to ABB drive systems as may be instructed by the Electrical-in-Charge (EIC), within the overall scope of maintenance, diagnostics, and recommissioning.

9. Specialized Equipment and Tools

The service engineer shall bring all specialized equipment required for diagnostics and servicing of ABB drives, which may include:

- i. OEM diagnostic software and interface tools
- ii. Communication cables and adapters
- iii. Laptop with licensed ABB utilities
- iv. Drive commissioning tools

General-purpose tools, if required, may be provided at site by ONGC. But it is advisable to carry all the tools—generic and specific—by the ABB service engineer.

10. Detailed Service Report and Recommendations

In addition to the corrective maintenance report, the service engineer shall submit a detailed service report containing:

- i. Observations on equipment condition
- ii. Preventive recommendations, if any
- iii. Suggested follow-up actions
- iv. Any limitations or risks observed during inspection

This report shall help ONGC plan further maintenance and ensure reliability of the equipment.

11. To ensure Zero-error reassembly and recommissioning, the ABB Service Engineer shall also

- i. Tag and identify cables and modules
- ii. Assist in electrical integrity checks after re-installation
- iii. Verify:
 - Phase sequence
 - Grounding
 - Communication links

1. Special Terms & Conditions:

- 1.1. The ABB Service Engineer must visit within 2 days after intimation from ONGC.
- 1.2. The location of Drilling Rig shall be anywhere in India within Cambay Asset's operational administration.
- 1.3. Liquidated Damage charges are not applicable in this case as the job will be carried out by OEM.
- 1.4. The total requirement is for maximum of 12 man-days for 1 year, however, the payment shall be made as per the actual utilization of man-days, and it is not mandatory for utilization complete 12 man-days for 1 year.
- 1.5. The payment for the material/spares shall be made as per replacement of spares after proper assessment from the ONGC and OEM jointly.
- 1.6. Any additional charges for the replacement of spares will be paid separately after providing proper invoice.
- 1.7. The payment for the assessment of the Inverter will be made after obtaining Satisfactory Work Completion Certificate from EIC of the Drilling Rig.
- 1.8. Service engineer to make own arrangements for lodging, boarding and transportation and no extra payment shall be made in this regard

2. Documentation:

- 2.1) Work completion report, including details of repaired and newly replaced parts, as well as other conducted tests/final report, must be submitted to ONGC. The report shall be signed jointly by the vendor and ONGC representative present during the trial.

Note: All replaced parts shall be returned to ONGC.

3. Payment Terms:

- 3.1) 100% payment shall be made to the vendor after completion of job on submission of invoices along with satisfactory work completion report countersigned by ONGC representative of the rig
- 3.2) Option for submission of Invoice and supporting documents is as under:
VIMS Portal (<https://vims.ongc.co.in>): Documents to be digitally signed.
- 3.3) The rates and quantity quoted in the tender will be indicative; payment shall be made as actual.

4. Warranty:

- 4.1) Standard Warranty as per the OEM terms and conditions

**Bid Securing Declaration
(to be submitted on the letterhead)**

We (Name of the bidder) hereby declare and accept that if we withdraw or modify our Bid during the period of validity, or if we are awarded the contract and we fail to sign the contract, or fail to submit the performance security before the deadline defined in the NIT, we will be banned for a period of two years. We understand that no further correspondence in this regard shall be accepted by ONGC

Please acknowledge the receipt of NOA.

A K Srivastava
30.6.26

A K SRIVASTAVA
HDS,DS,Cambay Asset, ONGC

अनिल कुमार श्रीवास्तव / ANIL KUMAR SRIVASTAVA
मुख्य महाप्रबंधक (वेधन) / CGM (Drilling)
प्रमुख वेधन सेवाएँ / HEAD DRILLING SERVICES
ओएनजीसी, कैम्बे परिसंपत्ति / ONGC, Cambay Asset