

**URANIUM CORPORATION OF INDIA LIMITED
BAGJATA MINES**

Ref: UCIL/ELECT/BJT/2022/REWINDING

August 09, 2022

Enquiry

To:

1. M/s. Techtrade

Opp. Zenith Forge Ltd.
Tata-Kandra Road, Adityapur
Jamshedpur – 832109

2. M/s. Richa Enterprises,

Main Road, Karandih,
Opposite Hero Showroom,
Dist-East Singhbhum
Jharkhand-831002

3. M/s. Vishwakarma Electrical Works,

Goushala Road, Jugsalai
Jamshedpur,
Jharkhand – 831006

Sub: Rewinding of 200KW, 3 ph, 415 volt, 1475RPM squirrel cage induction motor

Sealed quotation(s) are/is invited (03 copies) along with credential as per the price bid format attached alongside for the above mentioned job. Sealed quotation(s) will be submitted to the Office of Mine Manager, **Bagjata Mines on or before 18.08.2022 at 03.00PM.**

Terms and Conditions

1. Security Money Deposit :-

Security money deposit equivalent to **03 (Three) %** of the total ordered value. Out of which **1.5% amount** is required to be deposited in Accounts Department-UCIL in the form of demand draft payable at SBI Jaduguda in favour of UCIL before the start of the work and rest **1.5% amount** to be deducted from the bill.

100 % Security deposit will be refunded on written request to the Engineer-in-Charge after satisfactory completion of defect liability period of 06 (Six) months.

2. Duration of Contract- The rewinding & delivery of motors to UCIL has to be done within 45 (Forty five) days from the date of receipt of motors.

3. Commencement of work- The date of commencement of work should be within 15 (fifteen) days from the issue of work order date.

4. Payment Terms: Total work value shall be paid within 30 days after submission of the bill and certification by Engineer-In-Charge against the delivery and successful No load / Load testing of the Motor at our work site.

5. Rate: - Rate of the motor shall be furnished with supply of all reminded materials with deducting the scrap copper value. The rate quoted by the contractor shall be firm. No escalation will be entertained after quoted price.

6. Defect liability period:- A defect liability period of 06 (Six) months from date of commissioning after receipt of repaired motor at site. Further, the contractor will be responsible for rectifying the defect at his own cost if motor fails under defect liability period. Failure in no load testing / load testing of motor shall be rectified by contractor at his own cost. If the motor is found defective in any manner due to poor workmanship in winding or any mechanical damage to the motor.

7. Transportation: The to and fro transportation of defective / repaired motor from UCIL Jaduguda / Bagjata (Mines) and back shall be arranged UCIL.

8. Liquidated Damage: If the work is not completed within the completion period then 0.5% (Half) % per week will be levied and maximum up to 5 (Five) % of the contract value for a delay up to ten weeks from completion period.

9. Indemnity Bond: - An indemnity bond shall be submitted by you against any loss/damage of motor in your custody.

SCOPE OF WORK

Detail Scope of Work

A. STATOR

- (i) Stripping of the old winding from the stator slots.
- (ii) Cleaning of the slots.
- (iii) Insulation paper of class - F to be provided for slot insulation also between phase to phase winding.
- (iv) Rewinding of stator with super enameled copper wire of above prescribed make.
- (v) Termination of leads in the junction box with proper capacity of copper lugs.
- (vi) Pre- heating of complete rewound stator winding.
- (vii) Proper type of tapping of overhang portion of motor winding with insulating material
- (viii) Two coats of Dr. Back make class F varnish on the stator winding is to be done .
- (ix) Checking of IR values on stator winding and continuity of windings.

B. ROTOR

- (i) Cleaning / checking of rotor for electrical faults.
- (ii) Cleaning of motor bearings checking their healthiness.

- (iii) Replacement of defective bearings (bearing will be supplied by UCIL)
- (iv) Greasing of motor bearings
- (v) Assembly of motor including fans and guards. To ensure complete healthiness of motor both electrically and for mechanical parts small missing items like bolts etc. is to be provided by the repairing firm.

Special Conditions

1. **Guarantee:** The rewind motor/other equipments shall be guaranteed for a period of six months from the date of delivery at UCIL. In case of failure of the repaired within guarantee period the Contractor will have to repair it free of cost.
L.D: If the motor is not repaired within 45 days, an amount of 0.5% per week delay will be charged and to a maximum of 5% for a delay of 10 weeks, beyond 10 weeks the order will be cancelled. The defect liability period for the contract will be SIX month from the date of completion of the total contract. Decision of Engineer in Charge will be final & binding to the Contractor.
2. **Rate:** – Rate will be firm during the period of contract and no escalation in rate shall be permissible during contract period.
Rate quoted by bidder shall be inclusive of all taxes except GST. The bidder is required to mention the applicable rate of GST thereon as on their submitted bid / offer. GST thereon shall be paid as per the rate mentioned by the bidder in their offer on submission of invoice(s).
3. The rewinding materials like rewinding wires, insulating materials, cables, sleeves etc. shall have to be supplied by the contractor.
4. The special conditions given in this section shall supersede the conditions given elsewhere in this document.
5. Contract Period - The period of contract shall be for one 45 days from the date of issue of LOI/ Work Order whichever is earlier.
6. Payment terms: - Single final bill after successful trial run of motor.
7. Receipts for payments on account of a work when executed by a firm (Partnership) must also be signed by the several partners except where the contractors are described in their tender as a firm in which case the receipts must be signed in the name of the firm by one of the partners, or by some other persons having authority to give effectual receipts for the firm.
8. Rate – Rate will be firm during the period of contract and no escalation in rates would be permissible during the contract period.
9. Scrap Copper: - Scrap Copper shall be retained by the successful bidder and rate to be quoted should be considering the same.
10. Inspection: The motor will be inspected during or after rewinding as and when required by us.
11. If damages happen to the motor/s by the Contractor during the rewinding process, the same shall be assessed in the bills for payment.
12. Transportation: - To and fro Transportation of motor shall be in the scope of UCIL. However safe unloading at contractor's workshop and safe loading of rewind motors from contractor's workshop shall be in the scope of the contractor. The motor would be taken to the contractors' workshop through

returnable gate pass. The contractor should retain one copy of such gate pass. **The contractor should have own workshop within 35 km from UCIL Jaduguda Mine.**

13. The contractor has to strictly use following recommended makes of materials for respective items:-

a) Rewinding wire:- Polyester based super enamelled copper wire

b) Insulating material:- Minilex, Mylar, Glass Tape

c) Insulating varnish:- Beck Elmo Luft 1 A Air Dry

d) Insulation Class:- F

14. Basis of Evaluation: - L1 party shall be decided based on lowest total amount quoted by the bidder.

15. Penalty Clause:- Any failure in completing the job or handing over the motor within the scheduled delivery period of 45 days time for the reasons attributable to the bidder shall attract penalty of 0.5% of item rate per week or part there of subject to maximum of 5% of the item rate.

16. No load testing will be done in contractor's work and load testing will be done at UCIL site.

Rohith Kumar
Mine Manager
Bagjata Mine

Price Part

Sub: Rewinding of 200KW, 3 ph, 415 volt, 1475RPM squirrel cage induction motor

Sl. No.	Material Description	Unit	Qty	Rate (in Rs.)	Amount (in Rs. figure)	Amount (in words)
1	Rewinding of 200KW , 415, Amp-350, RPM-1475, Frame Size-315M, HZ-50, IP-23, Duty-S1, Sr. No.- N8/208510, Make- Siemens	No.	1			
2	GST @18%					
3	Total Amount					