

**URANIUM CORPORATION OF INDIA LIMITED**  
**JADUGUDA**

Ref: UCIL/Mill/309/447/2023

September 10, 2025

**Enquiry**

To:

**Sub: Rewinding and Repairing of submersible pump motor**

Sealed quotation(s) are/is invited as per the price bid format attached alongside for the above mentioned job. Sealed quotation(s) may be reached to the office of undersigned on or before 20.09.2025

**Terms and Conditions**

1. **Security Money Deposit** :- Security Deposit equivalent to 10 (Ten) % of the ordered value is required to be deposited in Accounts Department-UCIL in the form of demand draft before the start of the work. 100 % Security Deposit will be refunded on written request in duplicate to the Engineer-in-Charge after satisfactory completion of defect liability period of 06 (Six) months.
2. **Payment Terms** :- One Final Bill will be paid against this work after submission of triplicate bill. Payment shall be made after successful trial run of the repaired motor at site.
3. **Defect Liability Period**:- 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.
4. **Tools & tackles**:- All tools & tackles required for the work is to be arranged by the contractor.
5. **Bill**:- Bill will be submitted after taking actual work measurement by UCIL representative & contractor together.
6. **Guarantee**: The rewound motor 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.
7. **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 including GST. The bidder is required to mention the applicable rate of GST on their submitted bid / offer.
8. The rewinding materials like rewinding wires, insulating materials, cables, sleeves, seals etc. shall have to be supplied by the contractor.
9. **Contract Period** - The period of contract shall be for two (02) months from the date of issue of LOI/ Work Order whichever is earlier.
10. **Payment terms**: - One final bill will be allowed. After rewound motors are received by the UCIL at its workshop, the motor will be tested on load. After successful trial run, the party would be raising the bill. The payments would be made normally within thirty days of receipt of bill and all required documents.
11. 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.

12. Scrap Copper: - Scrap Copper shall be retained by the successful bidder and the rate should be quoted by considering the same.
13. Quantity Variation: The quantities given against each item is only tentative and any item can vary to any extent and may be excluded altogether.
14. Inspection: The motor will be inspected during or after rewinding as and when required by us.
15. If damages happen to the motor / pump by the Contractor during the rewinding process, the same shall be repaired by the vendor at their own cost over and above the tender value and will not be payable by UCIL.
16. Transportation: - To and fro Transportation of motor shall be in the scope of the Bidder. This includes safe loading and unloading at RM shop as well as at contractor's workshop shall be in the scope of the contractor. The stator / motor would be taken to the contractors' workshop through returnable gate pass. The contractor should retain one copy of such gate pass.
17. The contractor has to strictly use following recommended makes of materials for respective items:-
  - a) Rewinding wire:- PVC covered copper wire
  - b) Insulating material:- Minilex, Mylar, Glass Tape
  - c) Insulating varnish:- Beck Elmo Luft 1 A Air Dry
  - d) Insulation Class:- H
18. Basis of Evaluation: - L1 party shall be decided based on lowest total amount quoted by the bidder.
19. Penalty Clause:- Any failure in completing the job or handing over the unit within the contract period for the reasons attributable to the bidder shall attract penalty of 0.5% of that particular item rate for the unit per week or part there of subject to maximum of 5% of the particular item rate.
20. Indemnity Bond shall be executed by the party for the safety of motor and pump.
21. Bidders are advised to go through "General Conditions of Contract" from site office.
22. In case if there's a discrepancy between a numerical rate / amount and the rate / amount written in words, the written words will take precedence.

### **TECHNICAL SPECIFICATION OF WORK**

#### **SCOPE OF WORK:**

Scope of work shall be Loading, Transportation, Unloading, Handling, Rewinding / repairing of submersible pump motors of Jadugoda Mill as per enclosed schedule – A as detailed below. It also includes supply of all materials likes winding wires, insulation varnish, insulating material, sleeves, seals etc. required for above work. Bearings shall be issued to vendor for fitting in repaired motor if required. Old bearing shall be returned to UCIL with proper paper work "in as it was" condition.

#### **TECHNICAL SPECIFICATIONS**

It will be the **responsibility of the contractor** to work as per the technical specifications given in the following paragraphs.

##### **1. Rewinding /repairing of LT Motors**

###### **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 PVC covered 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 H 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.

2. Schedule of items: The quantities shown on schedule of items are tentative for bidding purpose only. Any variation arising during rewinding state will be taken into account for adjustment of contract price based on unit rates quoted in the bid.

3. The contractor shall effectively protect motor and materials under his custody from theft, damage or tampering. Contractor shall be held responsible for any loss or damage to motor/equipment taken by him for rewinding until the same is taken over by the owner according to contract.



(Ramesh Besra)  
Chief Supdt. (Elect.) Mill



## Price Format

Schedule of items for rewinding and Repairing of submersible pump motor of Submersible Pump motors for rewinding

Sl. No.	Description	Unit	Qty	Rate / Unit (Incl.of GST in Rs.)		Amount(Incl.of GST in Rs.)	
				In Figure	In words	In Figure	In words
01.	Rewinding of 3 HP, 415 volt, 3 phase, 50 Hz, Submersible pump motor	Nos.	03				
02.	Rewinding of 40 HP, 415 volt, 3 phase, 50 Hz, Submersible pump motor	No.	01				
03.	Rewinding of 60 HP, 415 volt, 3 phase, 50 Hz, Submersible pump motor	Nos.	02				
Total amount inclusive of GST							

Total Amount in words :