

यूरेनियम कॉर्पोरेशन ऑफ इंडिया लिमिटेड  
(भारत सरकार का संस्थान)  
परमाणु ऊर्जा विभाग  
CIN: U 12000 JH 1967 GOI 000806

कोटेशन सं.:युसिल/तुरामडीह खान/२०२३-११

दिनांक : - ११/११/२०२३

अति अल्पकालीन निविदा आमंत्रण सूचना

निम्नलिखित कार्य के लिये कोटेशन आमंत्रित किये जाते हैं:

१	कार्य का नाम	Rewinding of 4 kW 400/690 V, RPM-2870/2910 Motor
२	अग्रधन की राशि	Nil
३	निविदा की राशि	Rs. 21832/- (Inclusive of GST)
४	परिमाण विपत्र का मूल्य	Nil
५	कार्य की अवधि	3 (Three) weeks
६	निविदा डाउनलोड करने की प्रारंभ तिथि	11/11/2023
७	निविदा डाउनलोड करने की अंतिम तिथि और समय	24/11/2023 up to 12:00 Noon
८	निविदा जमा करने की प्रारंभ तिथि और समय	11/11/2023 12:00 Noon
९	निविदा जमा करने की अंतिम तिथि और समय	24/11/2023 up to 12:00 Noon
१०	निविदा खोलने की तिथि और समय	24/11/2023 at 3.30 PM

विस्तृत जानकारी के लिये निविदा दस्तावेज वेबसाइट <https://ucil.gov.in> में देखा जा सकता है

कृते  
यूरेनियम कॉर्पोरेशन ऑफ इंडिया लिमिटेड

ह०/-  
अपर अधीक्षक (विद्युत)  
तुरामडीह खान

**URANIUM CORPORATION OF INDIA LIMITED**  
**(A Government of India Enterprise)**  
**Department of Atomic Energy**  
**CIN: U 12000 JH 1967 GOI 000806**

**INSTRUCTIONS TO BIDDERS (ITB)**

1. **Submission of Bids by Bidders:** - The bidders will submit their quotations offline. No conditional bid shall be allowed/ accepted. The financial bid should be sealed by the tenderer in covers duly marking these as 'QUOTATION' and marked with the address of Manager, Personnel, Turamdih Mine and the tender reference number on the envelopes. The quotation shall be submitted by the bidder well before the deadline (original or extended as the case may be) for submission.
2. The bidder must submit his bid strictly according to the price schedule format attached along with tender document.
3. Method of evaluation of L-1. L-1 will be considered in totality on the basis of net landed cost to the company (UCIL). In other words including all taxes, duties, levies, cess, packing & forwarding, insurance, transportation, etc. shall be considered for determination of net landed cost.  
If a firm quotes overall bid with Nil consideration other than reimbursable amount if any, the same shall be considered as null and void.
4. Tenders (including all received by post/ courier and personal delivery) shall be deposited in a locked tender box kept at the office of Shri Sanjeev Ranjan Manager (Personnel) Turamdih Mine/ Shri H.N. Rajak A.A.O. (Admin) Turamdih. In cases when it is unavoidable to submit the tenders by hand due to the bulky size of the tender documents the above officers shall receive the tender by hand as per the time schedule as mentioned therein.
5. All tenders received within the prescribed time will be opened by the officers appointed for this task at the time stated in the tender notice. In cases where date of opening becomes a declared holiday, due date of tender opening shall be next working day.
6. The tender opening date may be extended sufficiently in advance in case of change in specification /scope of work or on request of the prospective bidder with an intent to increase the response. Once the due date and time is over, date/time extension shall not be allowed irrespective of number of offers/bids received.  
Late tenders (tenders received after due date, time & place) shall not be considered under any circumstances. In such cases tenders shall be processed based on the available response.  
Once the price bid is opened the tender shall be decided on merits.
7. In case any unsigned offer is received, written confirmation from the bidder for ascertaining genuineness of such bid shall be taken without any change in price or commercial terms. In case of refusal/no response within a specified time to sign the bid, UCIL reserves the right to forfeit the EMD, if any and/or reject the tender.
8. Even if no authorized representative of bidder is present during the time of opening of tender, the tender can be opened as per the specified date and time following normal procedures.

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**SPECIAL CONDITIONS OF CONTRACT (SCC)**

1. **Period of the contract:** The period of contract shall be for **3 (Three)** weeks. The zero date shall be reckoned from 15 days after the date of issue of work order or from the date of handing over the site whichever is earlier.
2. **Payment Terms:** One final bill will be allowed. After rewind motors are received by the UCIL at its workshop, the motor would be tested on no 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.
3. **Guarantee:** The rewind motors shall be guaranteed for a period of 180 days from the date of delivery to UCIL. Contractor will be responsible for free rewinding of motor in case of failure of insulation/winding within guarantee period.
4. **Rate:** – Rate will be firm during the period of contract and no escalation in rates would be permissible during the contract period.
5. The rewinding materials like rewinding wires, insulating materials, cables, sleeves etc. shall have to be supplied by the contractor.
6. Scrap Copper: - Scrap Copper shall be retained by the successful bidder and rate to be quoted should be considering the same
7. 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
8. **Inspection:** The motor will be inspected during or after rewinding as and when required by us.
9. If damages happen to the motor/s by the Contractor during the rewinding process, the same shall be assessed in the bills for payment.
10. Transportation: - To and fro Transportation of motor stator 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 equipment 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 20 km from UCIL Turamdih Mine.**
11. **Penalty clause:-** Any failure in completing the job or handing over the unit within the scheduled delivery period of 15 days time 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.

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**TECHNICAL SPECIFICATIONS**

**SCOPE OF WORK**

**1. Scope of work:**

- i.** The scope of work on AC LT Motors, stator rewinding will be as follows:-
  - a)** Open the motor using proper procedure and clean its all components with MT oil. Photograph of failed motor to be archived and to be shared with E.I.C. or his representative. Before proceeding for rewinding, get the mail confirmation from E.I.C. or his representative
  - b)** After stripping if core is found damaged, this is to be informed to E.I.C. or his representative before proceeding further repair job. Accordingly action to be taken.
  - c)** Before taking out the damaged winding both side winding overhang projections to be measured and recorded. After new winding the projection to be cross checked and maintained.
  - d)** Strip and rewind stator using electrolytic Cu >99.5% pure copper wire with F class insulation. Use nomex as slot liner and glass laminated wedges.
  - e)** For TB change only glass epoxy or molded terminal boards are to be used.
  - f)** During delivery of motor winding data to be submitted along with motor.
  - g)** Use new proper size lead wire of original dimension as per current rating of motor with copper socket crimped properly and fix it in the terminal board of the stator. Do not tape the new leads externally. Only tape at the crimping point.
  - h)** The party must take IR, resistance and inductance value of the rewound stator of all three phases. It must be balanced.
  - i)** Varnish stator with elmotherm F-class of Dr. Beck Make.
  - j)** Make terminal board, terminal cover if found damaged/ missing. All screws and nuts must be properly tightened after removing the damaged ones.
  - k)** Sharp edges at cable entry points in TB must be covered with gasket/ liner to avoid lead damage/ early failure.
  - l)** Squirrel cage rotor must be checked for any crack in the rotor bars. If any crack is found, the stator should not be rewound and same to be returned to E.I.C. or his representative in assembled condition without repair.
  - m)** Check bearing housing, seating portion of bearing on shaft. If bearing is loose in housing or on shaft repair the housing or shaft to make it proper size.
  - n)** Miscellaneous mechanical repair/ replace of the cover, fan, fan cover, keyways is to be done (if required)
  - o)** If the bearing is found to be damaged it should be informed to E.I.C. or his representative. Bearing will be supplied by U.C.I.L. Vendor has to replace the damaged bearings of same type and clearance and assemble the motor. Old bearings to be returned to E.I.C. or his representative along with the serviced motor.
  - p)** Provide grease nipple/ plugs. Fix all attachments.
  - q)** Paint body of the motor. Also the date of delivery of motor should be marked on the body.
  - r)** Run test report also to be submitted at the time of delivery of motor. The test report should include:-
    - i.** Ohmic value of winding
    - ii.** Inductance of each phase
    - iii.** IR values, acceptable IR value # minimum 50 M ohms for DOL motors.
    - iv.** Speed
    - v.** Current of each phase
    - vi.** Applied voltage
- 2. Scope of services:** The contractor shall be responsible for unloading of equipments from UCIL vehicle at contractors' workshop, safe storage & handling of equipments during rewinding and loading of rewound motors on UCIL vehicle.
- 3.** Items required for rewinding of motors will have to be supplied by the contractor.

4. 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.
5. Old copper wire to be retained by vendor. Accordingly during quoting price to be settled.
6. To and fro transportation will be in U.C.I.L. scope. However safe loading and unloading at vendors workshop shall be in vendor's scope.
7. The rewound motors shall be guaranteed for a period of 180 days from the date of delivery to UCIL. Contractor will be responsible for free rewinding of motor in case of failure of insulation/winding within guarantee period
8. Complete motor will be sent to your workshop for rewinding. Rewinding should be done completely.

निविदा आमंत्रित करने वाले अधिकारी का पदनाम:-	अपर अधीक्षक (विद्युत), तुरामडीह खान
कार्य का नाम	Rewinding of 4 kW 400/690 V, RPM-2870/2910 Motor
निविदा संख्या	युसिल/तुरामडीह खान/२०२३-११ दिनांक- : ११/११/२०२३
निविदादाता के फर्म का नाम	

**Schedule of Quantities**

क्रम संख्या	सामग्री का विवरण	माप	इकाई	मूल दर रुपये में (अंकों में)	मूल दर रुपये में (शब्दों में)	जी. एस .टी . (%)	कुल राशि कर सहित (अंकों में)
१	Stator rewinding of VEM Motor (Made in Germany), IP 55, 50 Hz, kW-4.0, Volts 400/690V, Amp. 8.2/4.7 A, RPM 2870/2910, Insulation Class F	2	Nos.				
कुल राशि अंकों में							
कुल राशि शब्दों में							