



# URANIUM CORPORATION OF INDIA LIMITED

## TURAMDIH MILL,

P.O. - SUNDERNAGAR, DISTT - EAST SINGHBHUM  
JHARKHAND - 832107

Phone No.: 0657 2318001-4, Extn. No. 7452

Ref: UCIL/TMD/Mill/Elect./ENQ/VVFD/07/25

Date: 17/03/2025

(Name of the Contractor)	Last Date of submission of offer: <b>24/03/2025, 12.00 Noon</b>  Following reference number shall be super scribed on the sealed envelope of quotation  <b>Ref: UCIL/TMD/Mill/Elect./ENQ/VVFD/07/25</b> <b>Date: 17/03/2025</b>
--------------------------	--

You are requested to submit sealed quotation in duplicate for "**Complete Repairing of ABB Make 110 KW, 440 V AC Heavy Duty VVVF Drive of Turamdih Mill**" as per enclosed price schedule at **Schedule - A**.

The defective 110 KW, 440 V AC Heavy Duty VVVF Drive is kept at Turamdih Mill may be inspected by bidders at their own cost prior to submission of their offers.

**Name plate specification of above 110 KW VVVF Drive is given below:**

### **3-PHASE, 110 KW, 440 VOLTS, 50Hz. A.C. HEAVY DUTY VVVF DRIVE MODULE**

Type: ACS880-01-206A-3+P944

Icc : 65 kA

Input U1 3~ 400 VAC

IP 20

I1 206 A

Frame – R7

f1 50/60 Hz

S/N: 9182400501

Output U2 3~ 0...U1

I2 206 A

f2 0...500 Hz

**MAKE: ABB LTD.**

The 110 KW Heavy Duty VVVF Drive got defective while in operation. The VVVF Drive may be inspected at our plant by the bidders at their own cost before submitting their offer. The scope of work of complete repairing of 110 KW, 440 V AC Heavy Duty VVVF Drive shall comprise of cleaning, complete replacement of defective spare parts, repairing of electronic PCB of Control Card and Power Card, replacement of required parts, heat sink etc. (if required), trial and testing at Contractor's workshop and load trial of the repaired VVVF Drive at UCIL Turamdih Mill Site etc. All jobs, items, spare parts etc. for successful load trial of the repaired VVVF Drive shall lie in the scope of the Contractor.



# URANIUM CORPORATION OF INDIA LIMITED

## TURAMDIH MILL,

P.O. - SUNDERNAGAR, DISTT - EAST SINGHBHUM  
JHARKHAND - 832107

Phone No.: 0657 2318001-4, Extn. No. 7452

The general scope of the above job shall be as follows:

1) **Scope of Work:**

- a) The contractor shall carry out the jobs of dismantling of the 110 KW, 3-Phase, 440 volts, Heavy Duty VVVF Drive of Make ABB & checking and repairing of Main Board, Control Board and connections etc. as per the schedule of jobs given at **Schedule - A** of this Enquiry.
- b) Final test (as per quality checks) may be witnessed by UCIL representative.
- c) Repairing of all defective electronic parts (PCB) shall be carried out by the Contractor.
- d) The old/damaged spare parts which are beyond repair such as thyristor, IGBT, SCR etc. shall be replaced with new spares by the Contractor. Old damaged beyond repair spare parts may be returned to UCIL on demand.
- e) Routine Tests shall be carried out for the repaired VVVF Drive at their workshop. Routine Test report shall be submitted.

2) **Validity:** The offer shall be valid for 120 days from the date of submission.

3) **Payment:** i) 70 % of the total work value shall be made against delivery of the repaired and tested VVVF Drive from bidders' workshop.  
ii) 30% after receipt of the repaired VVVF Drive within 90 days after successful load trial run of the repaired 110 KW, 440 V AC Heavy Duty VVVF Drive of ABB Make at our site.

4) **Inspection:** The 110 KW VVVF Drive may be inspected during or after repairing job as and when required by us.

5) **Transportation:** To and fro up to a distance of 25 kms shall be arranged by UCIL. Safe unloading and loading of the defective and repaired 110 KW VVVF Drive at your site will have to be arranged by you. The repaired 110 KW VVVF Drive shall be properly packed and loaded on vehicle by you for safe transportation to UCIL site. Any damage to the 110 KW VVVF Drive during transportation to UCIL shall be assessed in your account.

6) **Guarantee:** The repaired 110 KW, 440 V AC Heavy Duty VVVF Drive of ABB Make shall be guaranteed for a period of 180 days (one hundred eighty days) i.e. 06 (Six ) months from successful load trial at our site. **This shall be treated as defect liability period of the contract.**

7) **Test Certificates:** Routine Tests Certificate shall be furnished to UCIL in original.

**General terms and conditions:**

- 1) 110 KW, 440 V AC Heavy Duty ABB Make VVVF Drive as a whole shall be delivered at your site.
- 2) Materials to be used shall be of reputed make.
- 3) **Completion time** – 45 (Forty Five) days



# URANIUM CORPORATION OF INDIA LIMITED TURAMDIH MILL,

P.O. - SUNDERNAGAR, DISTT - EAST SINGHBHUM  
JHARKHAND - 832107

Phone No.: 0657 2318001-4, Extn. No. 7452

- 4) **Liquidated Damages (LD) shall be imposed if job is not completed within completion period stipulated in Work Order.** Liquidated Damages shall be levied where reasons are attributable to contractors for delays in execution of order/ contract. LD shall be levied @ 0.5% per week or part thereof on the value of unfinished supply/work order for each week of delay subject to a maximum of 5% of the total value of contract (excluding Taxes and Duties).
- 5) **SECURITY DEPOSIT & RETENTION MONEY**
- 6.1 **SECURITY DEPOSIT**
- A. Security deposit (SD) shall be uniformly levied @ 10% of contract value towards satisfactory completion of the order/works as under.
- B. SD should be submitted in the form of Demand Draft only within 30 days of receipt of Letter of Acceptance or commencement of work whichever is earlier to materials department/ EIC/ OIC.
- 6.2 **RETENTION MONEY**
- 5% of the bill value is to be retained at the time of making payment towards rectification/defective work/supply made as retention money and be treated as Security Deposit. Therefore, the extent of Security Deposit shall be up to 10% of contract value.
- 6.3 **REFUND OF SECURITY DEPOSIT & RETENTION MONEY**
- EIC/OIC shall recommend release of SD and retention money after compliance by the contractor towards guarantee/warranty/performance guarantee & other related clauses as stipulated in the purchase/work order and on submission of formal claim by supplier/contractor.
- 6.4 **FORFEITURE OF SD & RETENTION MONEY**
- The SD & retention money shall stand forfeited in favour of UCIL, without any further notice to the contractor in the following circumstances:
- A. In case of any failure whatsoever on the part of the contractor at any time during performance of his part of the contract including the extended periods of contract, where notice is given and time for rectification allowed.
- B. If the contractor indulges at any time in any subletting/ sub-contracting of any portion of the work without approval of UCIL.
- 6) Bidders may visit our site to inspect the defective 110 KW, 440 V AC Heavy Duty VVVF Drive of ABB Make on their own cost before submitting their offer.
- 7) The quoted rates shall be inclusive of service cost, material cost, miscellaneous overheads and other taxes and duties as applicable and G.S.T. G.S.T. shall be paid extra on submission of valid G.S.T. deposit challan and B2B along with G.S.T Invoice/Bill.



# URANIUM CORPORATION OF INDIA LIMITED

## TURAMDIH MILL,

P.O. - SUNDERNAGAR, DISTT - EAST SINGHBHUM  
JHARKHAND - 832107

Phone No.: 0657 2318001-4, Extn. No. 7452

- 8) G.S.T. shall be paid only on submission of documentary proof of payment of G.S.T. and B2B to the corporation.
- 9) Quoted prices shall be firm and No escalation on any account whatsoever shall be paid against this work.
- 10) The bidders shall submit their offers duly signed and stamped on each and every page including Price Schedule.

Offers shall be sent by post or in person to the undersigned on or before **24/03/2025, 12.00 Noon.**

For Uranium Corporation of India Ltd.

J. Roy

Supdt. (Elect), Turamdih Mill

**Enclosure:** Schedule – A (Price Schedule of items) containing 1 page

Ref.: UCIL Enquiry No.: UCIL/TMD/MIII/Elect./ENQ/VVFD/07/25 Date: 17/03/2025

Schedule of items/jobs for offers for Complete Repairing of ABB Make 110 KW, 440 V AC Heavy Duty VVVF Drive of Turamdih Mill

Sl. No.	Item Description	Qty.	Unit	Unit Rate (in Rs.)		Amount (in Rs.)
				in figures	in words	
1	Repairing of Main Circuit Interface Board / ZINP-571 (Control Board), SN: 8130861VS, Code: 3AUA0000050511G, Make: ABB	1	No.			
2	Supply of SCR as spare part for 110 KW ABB Make ACS880 VVVF Drive. This includes installation of supplied SCR unit also.	3	Nos.			
3	Complete Repairing of ABB Make ACS880 VVVF Drive including supply of all required spare parts. <b>Note: This includes demonstration and testing of repaired ACS880 VVVF Drive in healthy condition with load at our Site after repairing job</b>	1	No.			
<b>Total (in Rs.) =</b>						
<b>Add: GST@ _____ % =</b>						
<b>Grand Total (in Rs.)=</b>						

Note: 1) The above unit rates shall be inclusive of Service Cost, Material Cost, all other applicable taxes and duties and misc. overhead expenditures etc.

2) The Unit Rates shall be written in words in the column marked as "in words". In case of any discrepancy, the unit rates in words shall be taken as final.

**Grand Total (in Rs.) =**