



जवाहरलाल नेहरू एल्युमिनियम अनुसंधान विकास एवं अभिकल्प केन्द्र, नागपुर

(स्वायत संस्थान, खान मंत्रालय, भारत सरकार के आधीन), अमरावती रोड, वाडी, नागपुर - ४४० ०२३ (भारत)

Jawaharlal Nehru Aluminium Research Development and Design Centre

(Autonomous Body Under Ministry of Mines, Government of India)

Amravati Road, Wadi, Nagpur - 440 023 (India)

दुरभाष / Phone : 07104-220017 / 220701 फ़ैक्स / Fax : 07104 - 220942

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JNARDDC
In the service of aluminium industry

Ref : 008 /JNARDDC/S&P/2017/E-11

Date: 21.06.2017

As superscribed on the envelope.

Sub: Invitation of Quotation for Electrical Audit for Neutral Earth Leakage and Harmonics for the Centre in 2 bid system.

Dear Sir,

The Centre is interested in **Electrical Audit for Neutral Earth Leakage and Harmonics Centre for JNARDDC.**

Sr. No.	Scope of Work	Price (Rs.)
1.	<u>Electrical Audit for Neutral Earth Leakage and Harmonics in 2 bid system.</u> (As per details given in Annexure -A) & Terms and Condition given in Annexure -B	Rate to be Quoted on Lumpsum basis

You are therefore requested to send your competitive offer for above in a sealed envelope duly superscribed on top of the envelope as" **Quotation for Electrical Audit for Neutral Earth Leakage and Harmonics in 2 bid system for the Centre with Tender No. & date.**" to the undersigned latest by 17th July, 2017 (15 Hrs)

Date of opening : 18.07.2017 (15.00 hrs)

Refundable EMD : Rs. 15,000/- only should be paid in favour of JNARDDC by way of D.D.

Tender Fees payable is Rs. 500/- is non refundable.

Bids should be contain 3 separate envelope

- 4) Technical Bid
- 5) Price Bid
- 6) EMD & tender Fees (if applicable)

Visit www.jnarddc.gov.in for complete details

सधन्यवाद ,

आपका आभारी,

(आर. श्रीनिवासन)

सचिव एवं प्रशासनिक अधिकारी

आर श्रीनिवासन / R. Srinivasan
सचिव एवं प्रशासनिक अधिकारी / Secretary cum Admin. Officer
जवाहरलाल नेहरू एल्युमिनियम अनुसंधान विकास एवं अभिकल्प केन्द्र
Jawahar Lal Nehru Aluminium Research Development & Design Centre
Autonomous Body (Ministry of Mines), Amravati Road, Wadi, Nagpur - 440 023

जवाहरलाल नेहरू एल्युमीनियम अनुसंधान विकास एवं अभिकल्प केन्द्र
स्वायत संस्थान, खान मंत्रालय, वाडी नागपुर

Tender no. 008 / E-11 dated 21.06.2017

ANNEXURE -A

Scope of work for Electrical Electrical audit for Neutral earth leakage and Harmonics will include :-

1. Physical inspection of all electrical feeders and equipments
2. Testing and evaluation of existing earthing system
3. Checking of all feeders for return current flowing in neutral
4. Checking of 3 phase load for balance condition. Remedial measures in case unbalance is found.
* Please note that most the equipments in the Center operate on single phase and all the equipments are not operated simultaneously)
5. Checking the harmonics values of current and voltages and if found abnormal as per MSEDCL norms then remedy for the same
6. Cause for high voltage (> 5 volts) between earth to neutral.
7. Remedial measures to bring it down below 2 ± 0.5 Volt with guarantees (**One Year**)


21/6/17


ANNEXURE – B

जवाहरलाल नेहरू एल्युमीनियम अनुसंधान विकास एवं अभिकल्प केन्द्र
स्वायत्त संस्थान, खान मंत्रालय, वाडी नागपुर
www.jnarddc.gov.in (07104-297014)

Standard Terms & Conditions of the Tender- 2017

- 1. Technical bid, Price bid and (EMD & Tender fees) should be submitted in three (3) separate sealed envelopes failing which bid will be rejected.** The envelopes should be super-scribed with the Tender number, due date and name of the instrument and content.
- 2. If the bidder is not a registered vendor of JNARDDC, then the bidder should have following documents while submitting the offer which is compulsory for vendor registration with JNARDDC.** (1) Shop & Establishment / Registration of company certificate / MSME-2006 (issuing certificate of registration for Micro / Macro / Small Scale Industries Certificates) / Certificate of Registration (2) PAN No. (3) I/T Returns (4) Account No. of Firm
3. Basic Price of the tendered item **should be quoted in one currency** only (i.e either in foreign currency or in Indian Rupees). Price bid containing the basic price in multiple currencies will be rejected. Currency conversion rate on the date of opening of price bid will be considered for determining the L-1 party. However, the exchange rate at the time of opening Letter of credit / TT will be applicable for final procurement in case of foreign supply.
4. The Refundable Earnest Money Deposit (EMD) and non-refundable Tender fees (if applicable) should be submitted alongwith the technical bid in favour of "Jawaharlal Nehru Aluminium Research Development & Design Centre, Nagpur". Bids without EMD and tender fees (if applicable) will be summarily rejected. However, EMD is exempted for firms registered with Central Purchase Organization or with Ministry of Mines or Micro and Small Enterprises (MSEs). But the registration certificate should clearly include the name of the item they are offering which are manufactured by them and not for selling products manufactured by other firms. Foreign suppliers directly quoting and participating in the tender will also be exempted from EMD and Tender Fee. However, Indian agents / representative quoting on behalf of principals shall pay EMD & Tender Fee. ***One EMD will be accepted against one equipment only, i.e. only one model will be considered against one EMD. (Each model has to be quoted in separate envelope with separate EMD). Ref. page-1 for EMD / Tender Fees.***
5. The Bid Security / EMD (as applicable) without interest will be returned to the unsuccessful bidder **within 30 days** of the award of the Contract / Job. The bid security/EMD of successful bidder will be treated as Performance security. The "**Performance Security Deposit**" will be released without interest after a period of **sixty days** beyond the date of completion of all contractual obligations of the supplier including warranty obligations and subject to certification of Indenter / Authorized representative of the Centre.

6. Parties submitting bids, should have proper **authorization letter** from the Original Equipment Manufacturer (OEM) and the same should be attached alongwith the bid **failing which bid will be rejected and EMD fortified.**
7. Payment shall be released within 30 days after receipt of items in complete and good condition and complete installation & commissioning and certification of bill by Indenter / Authorized representative of our Centre for domestic supply. For foreign import, 80% payment will be made by irrecoverable Letter of Credit and balance 20% will be paid after complete supply, installation and commissioning and completion of all contractual obligations by the supplier including warranty obligations etc, if any. **For JNARDDC presently Excise duty is NIL & Custom duty is concessional ~ 5.15% as applicable. Govt taxes as applicable shall be paid.**
8. Deviation table should be enclosed to outline the deviation (if any) from the tendered technical specification in comparison to the quoted instrument / item. **Simply enclosing our spec sheet without providing any details may lead to rejection of the bid.**
9. **Testimonials – Minimum five (for the tendered equipment / materials / goods) / References.**
10. **Validity of the Tender should be minimum upto to three months.**
11. Warranty terms and delivery period should be clearly mentioned. Item should be **delivered upto JNARDDC, Nagpur. LD clause is @ 0.5% of PO value for each week of delay in supply.**
12. **Product leaflet of the item should be enclosed.** Cost should be **CIP upto JNARDDC, Nagpur.**
13. Disputes and Jurisdiction:- Any legal disputes arising out of any breach of contract pertaining to this tender shall be settled in the court of competent jurisdiction located within the city of Nagpur. Decision of Director will be final in all tenders. **For any further clarification the contract personnel shall be the AAO, JNARDDC.**
14. **Bidder should separately quote rates for minimum ten years consumables and spares.**


(आर श्रीनिवासन)
सचिव एवं प्रशासनिक अधिकारी

