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**TENDER DOCUMENT**

**RATE CONTRACT**

**FOR**

SUPPLY, INSTALLATION, TESTING & COMMISIONING

OF

CHEMICAL EARTHING

FOR

CENTRAL BANK OF INDIA’S KIOSKs/CSPs

UNDER

BHOPAL ZONE

Last date of Tender Submission: 3.00 PM of 22.02.2017

Date of Tender opening: 3:30 PM of 22.02.2017

Cost of Tender: Rs. 500.00 payable by DD

Name of the Tenderer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Tender Cost DD’s Details: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**NOTICE INVITING TENDER**

Ref. No. ZO/GAD/ELEC/002 Dated: 15.02.2017

**Subject: Short Tender Notice for supply, installation & commissioning of chemical earthing.**

Zonal office, Central Bank of India invites **Short Tender Notice** for **supply, installation & commissioning of Chemical Earthing for various nos. of CSPs where VSAT are to be installed,** as per specifications given in the **Annexure-I** attached to the Tender form.

# Sealed tenders on item rate basis are invited for works in Two Bid format. Tender Document may be purchased from General Administration Department, Central Bank of India, Zonal Office at Bhopal, against payment of Rs 500.00 by way of DD favoring Central Bank of India, Bhopal (non-refundable) or may be download from bank’s website [www.centralbankofindia.co.in](http://www.centralbankofindia.co.in) & submit it with Rs. 500.00 DD favoring Central Bank of India, Bhopal (non-refundable).

**Eligibility Criteria:**

Contractors who fulfill the following requirements shall be considered as eligible bidder:

1. Average Annual financial turnover during the last 3 years, ending 31st March of the previous financial year, should be at least 30% of the estimated cost. The bidder should be in profit in the past three years.
2. Offers are required from OEM Companies /Authorized Channel partners having experience of more than 5 years in Electrode Earthing.
3. Have registered office in Madhya Pradesh state.
4. Must have valid PAN, TIN/Service tax registration number.
5. Solvency certificate of amount equals to 40% of the estimated cost of the work.
6. Performance/Satisfaction certificate from customers with Electrical parameters.
7. One of the Proprietor/Partner/Director should be Engineer.

|  |  |  |
| --- | --- | --- |
| **S.No.** | **PARTICULARS** | **DETAILS** |
| 1 | Estimated Cost of Work | Rs.20.55 lacs |
| 2 | Earnest Money Deposit | Rs.20,500.00 |
| 3 | Time of Completion of work: | 30 Days. |
| 4 | Time & Date of submission of Tender | On or before 3.00 pm on dated 22.02.2017 |
| 5 | Time & date of opening of Technical Bid | 3.30 pm on dated 22.02.2017 |
| 6 | Opening of financial bids | Will be notified |
|  | Financial Bid submitted in separate envelope. Tender having financial bid with technical bid in same envelope will be rejected. | |

# Asst. General Manager

# Central Bank of India

**ZonalOffice**

**Bhopal.**

**GENERAL TERMS & CONDITIONS OF THE CONTRACT**

1. Purpose & Scope

1.1 This document sets out the terms & conditions be met in connection with the provision of “Tender for Supply & Installation of Chemical Earthing for UPS and Other Equipment” to Central Bank of India for the work as per details given in the notice inviting Tender with specifications in Annexure-I.

1.2 This tender document includes details like quantity, place of delivery etc.

2. Compliance

2.1 The unconditional acceptance of all the terms & conditions in the format of the letter as attached atAnnexure-II.

2.2 The submission of the tender will imply acceptance of all the tendercondition by the bidder laid in tender document including all theAnnexure(s) & schedules to the tender document.

2.3 The compliance to the terms & conditions should be supported byauthenticated documentation wherever required.

2.4 Each page of the Bid and cuttings / corrections shall be duly signed withstamp by the bidder.

2.5 The submission of unconditional acceptance as described at 2.1 is essentialfor the tender evaluation. The failure to submit the unconditional acceptancestatement in the said format shall result in the tender being rejected.

3. Language and Currency

3.1 The bidder shall quote the rates in English language and internationalnumerals. The rates shall be in whole numbers. The rates shall be written inboth figures as well as in words. Over writing is not permitted. In case ofdisparity in figures & words, the rate in words will be considered. In theevent of the order being awarded, the language of all services, manuals,instructions, technical documentation etc. provided for under this contractwill be English. The bidders should quote only in Indian Rupees and the bidsin currencies other than Indian rupees shall not be accepted.

4. Standard Conditions.

4.1 Standard printed conditions of the bidder to the offer, other than theconditions specified here, will not be acceptable.

4.2 For the purpose of the tender, the metric system of units shall be used. Inthe event of any discrepancy, the rates quoted by the bidder in the "basicunit rate" column will be the correct basis and not the amount worked outby them. Also the rates quoted in words will be the correct basis and not therate shown in figures.

4.3 All entries in the tender shall either be typed or be in ink. Erasures shallrender such tenders liable to summarily rejection. The bidder shall dulyattest all corrections, cancellation and insertions.

4.4 Bidder's offers shall be with reference to section and clause numbers givenin the tender schedules.

5. Earnest Money

5.1 EMD of the value of Rs.20,500/- (Rupees Twenty Thousand Five Hundred Only) as given in Section – I of the tender shall be acceptedin the form of DD. Vendors shall use the payment.

Note : EMD in the form of Cash or any other form shall not beaccepted. Vendor shall also note that they are not required to contactany Central Bank of India (CBI) employee or submit any documentary evidence of submissionof EMD via Bank Transfer in the form of RTGS/NEFT to any CBI employee during the process of the tender.

5.2 Refund of EMD: EMD of unsuccessful bidders received through DD shall be refunded in the Bank Account whose details areprovided on the portal at the time of submission of the tender. The refund ofEMD to bidders who fail to qualify the eligibility / technical stage shall beinitiated within 7 days of their rejection. For all bidders whosefinancial bids are opened the refund of EMD except for L1 bidder shall beprocessed within 7 days of opening of the financial bid.

5.3 The EMD amount shall be forfeited in the following events.

5.3.1 If the successful bidder fails to enter into a contract with CBI within 7 calendar days after the receipt of the purchase order / work order.

5.3.2 In the event of not accepting the conditions of the contract even afteragreeing to do so and submitting the letter of un-conditionalacceptance of terms as per letter in Annexure-II.

5.4 No interest or any other expenses, whatsoever, will be payable by CBI on theEMD in any manner.

6. Security Deposit /Retention Money

6.1 The security deposit @10% of the quoted value will be deducted from the bill payment after adjusting the EMD amount.

OR

**Bank Guarantee:** The security deposit can also be accepted in the form of performance bank guarantee of 10% of the total order value to bank in the form of irrevocable and unconditional bank guarantee furnished by any of the nationalized/ scheduled bank. VIII. The bank guarantee shall be valid during the period of warranty/guarantee from the date of satisfactory completion of the supply.

6.2 The security deposit will be returned to the successful bidder at the end of the period of defect liability (i.e. warranty/guarantee) without interest.

6.3 The successful bidder will be fully responsible for the guaranteed performance of the supplied items and warranty obligations.

7. Correspondence

7.1 All correspondence would be directly with the bidder and correspondence through agents will not be entertained.

8. Testing and Inspection

8.1 The testing and inspection of the item procured shall be carried out by CBI at expenses of vendor/supplier/bidder.

8.2 In case the supply material does not meet the full intent of the specifications, it shall be rectified by the Bidder at no extra cost and the Bidder shall bear all the expenses for any further tests considered necessary.

9. Extension of Time

9.1 This work is urgent and hence the completion period as per contract shall be adhered to strictly. However, in case of extraordinary situations which may delay the completion of the project, the contractor shall apply for extension.

10. Compensation for Delay

10.1 Time is the essence of the Contract.

10.2 If the successful bidder fails to complete the supply / work within time fixed under the contract, he shall pay to the CBI without prejudge to any other rights or remedy as may be available to the purchaser, an agreed compensation amount calculated @0.50 % of the total value of the uncompleted portion of the work per week or part thereof subject to a maximum value equal to the value of the Retention Money.

10.3 The amount of compensation for delay and waiver of compensation for delay in case of justified reasons shall be decided at the discretion of Accepting Authority and the same shall be final and binding on the contractor. Time taken by CBI and local statutory authorities for approval of drawings, design, estimate etc., force majeure reasons and any other reasons beyond control of the contractor shall be considered as justified reasons. The amount of compensation may be adjusted or set off against any sum payable to the contractor under this or any other contract with CBI.

10.4 Appeal for waiver of compensation for delay with due justification shall be decided as per the provisions of the bank. The decision of the competent authority on appeal shallbe final and binding on the contractor.

12. Force Majeure

12.1 CBI may grant an extension of time limit set for the completion of the workin case the timely completion of the work is delayed by force majeure beyondthe contractors control, subject to what is stated in the following subparagraphs and to the procedures detailed their-in being followed. ForceMajeure is defined as an event of effect that cannot reasonably beanticipated such as acts of God (like earthquakes, flood, storms etc.), acts ofstates, the direct and indirect consequences of wars (declared or undeclared),hostilities, national emergencies, civil commotion and strikes (onlythose which exceed a duration of ten continuous days) at successful Bidder’sfactory. The successful bidder’s right to an extension of the time limit forcompletion of the work in above-mentioned cases is subject to the followingprocedures.

12.2 That within 10 days after the occurrence of a case of force Majeure butbefore the expiry of the stipulated date of completion, the bidder informs the CBI in writing about the occurrence of Force Majeure Condition and that the Bidder considers himselfentitled to an extension of the time limit. The contractor shall submit theapplication for extension of time.

12.3 That the contractor produces evidence of the date of occurrence and theduration of the force majeure in an adequate manner by means ofdocuments drawn up by responsible authorities.

12.4 That the contractor proves that the said conditions have actually beeninterfered with the carrying out of the contract.

12.5 That the contractor proves that the delay occurred is not due to his ownaction or lack of action.

12.6 Apart from the extension of the time limit, force majeure does not entitle thesuccessful bidder to any relaxation or to any compensation of damage or losssuffered.

13. Patents, Successful bidder's Liability & Compliance of Regulations

13.1 Successful bidder shall protect and fully indemnify the CBI from any claimsfor infringement of patents, copyright, trademark, license violation or thelike.

13.2 Successful bidder shall also protect and fully indemnify the CBI from anyclaims from successful bidder's workmen/employees, their heirs,dependents, representatives etc or from any person(s) or bodies/ companiesetc. for any act of commission or omission while executing the order.

13.3 Successful bidder shall be responsible for compliance with all requirementsunder the laws and shall protect and indemnify completely the CBI from anyclaims/penalties arising out of any infringements and indemnify completelythe CBI from any claims/penalties arising out of any infringements.

14. Settlement of Disputes

14.1 If a dispute of any kind whatsoever arises between the CBI and theContractor in connection with, or arising out of the Contract or the executionof the works, whether during the execution of the Works or after theircompletion and whether before or after repudiation or after termination ofthe contract, including any disagreement by either party with any action,inaction, opinion, instruction, determination, certificate or valuation of the

Engineer or his nominee, the matter in dispute shall, in first place bereferred to the Field General Manager, Bhopal Zone who shall act asthe conciliator on the matter. The disputes will firstly be settled by theConciliator, failing which any party may invoke arbitration clause.

14.2 Unless the Contract has already been repudiated or terminated or frustratedthe Contractor shall in every case, continue to proceed with the works withall due diligence and the Contractor and CBI shall give effect forthwith toevery decision of the Engineer or his nominee unless and until thesame shall be revised, as hereinafter provided, by the Conciliator or in anArbitral Award.

15. Arbitration and Law.

15.1 Except where otherwise provided for in the contract, all questions anddisputes relating to the provisions of this contract shall be settled under theRules of Indian Arbitration and Conciliation Act, 1996, within thirty (30)days (or such longer period as may be mutually agreed upon from the datethat either party notifies in writing that such dispute or disagreement exists.

The FGM, CBI shall appoint the single Arbitrator for settlement of anydispute with regard to this contract. The venue of Arbitration shall be in Bhopal, India. The arbitration resolution shall be final and binding upon theparties and judgment may be entered thereon, upon the application of eitherparty, by any court having jurisdiction.

15.2 Indian laws shall govern this contract.

16. TERMINATION FOR DEFAULT & RISK PURCHASE

16.1 The CBI may, without prejudice to any other remedy for breach of contract,by written notice of default, sent to the Contractor, terminate this Contractin whole or in part in any or the following events.

16.2 If the Contractor fails to deliver any or all of the Items within the timeperiod(s) specified in the Contract or any extension thereof granted by theCBI

16.3 If the Contractor fails to perform any other obligation(s) under Contract.

16.4 If the Contractor, in either of the above circumstances, does not remedy hisfailure within a period of 30 days (or such longer period as CBI mayauthorize in writing) after receipt of the default notice from CBI.

16.5 As a penalty to the Contractor, CBI shall en-cash Retention Money/EMD. CBI in such case shall pay for the assessed value of theexecuted work that can be used. No payment shall be made for the effortsput in by the Contractor in case the same are of no value to CBI. The balanceunfinished work of the project will be got done by fresh tendering onContractor’s risk and that extra expenditure will be recovered.

17. TERMINATION FOR INSOLVENCY

17.1 The CBI may at any time terminate the Contract by giving written notice tothe supplier, without compensation to the Contractor, if the Contractorbecomes bankrupt or otherwise insolvent as declared by the competent courtprovided that such termination will not prejudice or affect any right or actionor remedy which has accrued or will accrue thereafter to CBI. In the event oftermination for penalty to the contractor Clause 16.5 shall be applicable.

18. SET OFF

18.1 Any sum of money due and payable to the contractor (including securitydeposit refundable to him) under this contract may be appropriated by theBuyer to set off the same against any claim of the Buyer for payment of asum of money arising out of this contract made by the Contractor withBuyer.

19. Deviation in Quantity

19.1 CBI reserves the right to change the quantity or part thereof to be suppliedby +/-25% of the tendered quantity indicated in Annexure-I.

20. Award Criteria

20.1 The Bank will award the Contract to the successful Bidder(s) who has been determined to qualify to perform the Contract satisfactorily, and whose Bid has been determined to be responsive and lowest as follows:

The bank can at its discretion split the order amongst the vendors agreeing for the lowest arrived rates by the process with 50% to the lowest vendor.

**SPECIAL CONDITIONS OF THE CONTRACT**

1. Standards

1.1 All designs, codes, developing platforms, developing techniques and workmanship shall be in accordance with the highest accepted international standards for this type of work.

1.2 The bidder shall also state, where applicable, the National or other International standard(s) to which the whole, or any specific part, of the system, software, or training complies.

1.3 The requirements given in this document are firm and no deviation of any kind is acceptable.

2. Time Schedule

2.1 The work as per the Notice Inviting Tender shall be completed within 04 weeks of placement of firm order from CBI or as per the schedule submitted by the bidder whichever is less.

2.2 Time - The Essence of Contract

2.2.1 The time and date of completion of the works as contained in the supplier’s proposal and as agreed to contractually after modifications, if any, shall be final and binding upon the supplier. It must be understood that the supplier has made the proposal after fully considering all such factors which may have any bearing on the time schedule of the contract, and no extension in the schedule whatsoever shall be permitted on these accounts by CBI.

3. Supply /work Schedule: The Bidder shall supply the required quantity within 04 weeks from the date of Purchase Order from CBI

4. Warranty: The material supplied shall be under warranty for a period of minimum 05 (five) year from the date of completion of satisfactory supply and installation, in case any defect developed/observed, the same shall be rectified/replaced by the supplier/contractor at his own cost. The material supplied shall be strictly in accordance with the specification.

5. Delay & Non-Conformance

5.1 In case of the above time scheduled including levy of compensation for late delivery of systems as contained in Para 10 of GENERAL TERMS & CONDITIONS OF THE CONTRACT of the tender document not being adhered to, CBI has the right to cancel the order wholly or in part thereof without any liability to cancellation charges and procure the goods / software elsewhere in which case the successful bidder shall make the difference in the cost of goods procured elsewhere and price set forth in the order with the successful bidder.

6. Payment terms

6.1 No mobilization advance shall be paid.

6.1.1 Payment of purchase order price for supply & installation of items shall be released within 30 days against receipts of goods at site & installation in good condition on submission of Documents as below:

Bills (Invoices) in triplicate

Delivery Challan

Receipt from the Consignee for completion of supply.

7. Substitution & Wrong Supplies

7.1 Unauthorized/Pirated substitution or materials delivered in error of wrong description or quality or supplied in excess quantity or old versions shall be returned to the successful bidder at his cost and risk.

8. Dispatch of Documents

8.1 Pre-receipted Bills in triplicate.

8.2 Copy of the Delivery Challan.

8.3 Copy of the Inspection report (if inspection carried out as a part of the Contract).

8.4 Duly certified with the final bills.

**Annexure-I**

**(Minimum technical specifications to be met)**

Technical specifications for chemical Earthing:

**1 Chemical Earthing**

One numbers of chemical Earthing system connected by copper strip shall be provided by the supplier. Earth resistance for each Earthing shall be less than 1.0 ohm. UPS Earthing must be extended through GI strip (minimum 25mm width x 3 mm thick) approx. 1 m length from pit to nearby wall and approx. 5 mtr 12 SWG Cu wire or larger with lug terminations at both ends. Marking of Earthing is to be provided by vendor.

**2 Backfill material**

The backfill material used in chemical Earthing systems for soil treatment shall be highly conductive and should be certified as non-polluting and safe for use near potable ground water system.

The ground conductivity enhancing backfill Material shall be a compound having a low resistance in the range of 0.03 ohm/Meter non-corrosive highly conductive powdered material that improves grounding effectiveness, especially in areas of high soil resistivity such as rocky and sandy areas. This material shall be suitable to be installed in either slurry or dry form. The backfill material shall confirm to the following specifications.

Shall be highly electrically conductive and non-soluble.

Shall not leach into ground.

Shall be electronically conductive (like in metals) and shall not depend on moisture/salt for conduction.

Shall have resistivity of less than 0.03 ohm/meter.

Shall be compatible with all copper grounding systems.

Shall contain a corrosion inhibitor to mitigate corrosion of copper.

Shall not contain hazardous chemicals.

Shall be suitable for any kind of soil.

NOTE: Test certificate from NABL approved laboratory to be provided for the compound so designed.

**3 Earth Electrode**

The electrodes shall be preferably in one piece of the desired length. The electrode shall be a solid steel rod made of high tensile low carbon steel and coated with molecularly bonded electrolytic copper on the outside (as per UL 467 or equivalent). The earth electrode shall conform to the following specifications. :

Steel core

The thickness of the copper coating shall be at least 250 microns.

Copper jacket should not crack on bending of earth rod.

Copper: 99.9% pure electrolytic copper.

Copper Structure: Very fine grain structure and highly ductile.

Copper bonding: Fully bonded with steel core.

The electrode diameter shall be 17.2 mm dia.

Ends: Chamfer and Pointed (2 mm and 6 mm x 45 deg)

The electrode should be able to carry a minimum shorttime current of 15 kA for one second.

Couplers should be made of brass.

Clamps should be made of brass or stainless steel.

Driving head or striker head should be of High tensile steel.

Driving tip should be of mild steel.

The earth electrode shall carry standards marking and manufacture’s name.

Clamps and fixtures should be used in the Earthing system to ensure perfect and reliable contact.

NOTE: - Ref. – IS-3043& IEC- 616343-11where use of such electrodes are permitted.

4 Earthing system inspection chamber

A 200 x 200 x 300 mm (inside dimension) masonry box with smooth cement plaster finish shall be provided on the top of the pit. A concrete lid, painted black, approx. 50 mm thick with cooling hooks, shall be provided to cover the earth pit.

Care shall be taken regarding level of the floor surrounding the earth so that the connector is not too deep the masonry or projecting out of it.

On backside of the cover date of the testing and average resistance value shall be written with yellow paint on black background.

Care shall be taken regarding level of the floor surrounding the earth so that the connector is not too deep in the masonry or projecting out of it.

5 Earthing Conductor

The earth conductors shall be fixed to the wall/columns etc., at every 500 mm with 10 mm spacers. The total Earthing system shall be mechanically and electrically connected to provide independent path to earth.

**Annexure-II**

ACCEPTANCE LETTER

(To be in Technical Folder)

To,

Asst. General Manager (Elec.),

Zonal Office,

Central Bank of India,

9, Arera Hills,

Bhopal.

Sub: Acceptance of Terms & Conditions of Tender

Name of Work: SUPPLY & INSTALLATION OF CHEMICAL EARTHING FOR UPS AND OTHER EQUIPMENT.

Tender No.: ZO/GAD/ELEC/002

Dear Sir,

1. The tender document for the works mentioned above have been sold to me/usby Central Bank of India and I / we hereby certify that I / we have readthe entire terms and conditions of the tender document made available to me /us.which shall formpart of the contract agreement and I / we shall abide by the conditions /clauses contained therein.

2. I / We hereby unconditionally accept the tender conditions of bank’s tenderdocument in its entirety for the above works.

3. It is clarified that after unconditionally accepting the tender conditions in itsentirety, it is not permissible to put any remarks / conditions (exceptunconditional rebates on quoted rates if any) in the tender enclosed in envelope"A" & "B" and the same has been followed in the present case. In case any provisions of this tender are found violated after opening envelope "A" & "B". I /we agree that the tender shall be rejected and bank shall without prejudice to anyother right or remedy be at liberty to forfeit the full said earnest moneyabsolutely.

Yours Faithfully,

(Signature of the Bidder)

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with rubber stamp

**ANNEXURE-III**

**TECHNICAL BID**

**(Information to be furnished by the applicants)**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **Name of the organization with name of Proprietor/Directors/Partners** | |  | | | | | |
| **2** | **Registered Office Details**  **(Submit firm registration certificate)** | **Postal address** |  | | | | | |
| **Telephone nos** |  | | | | | |
| **E-mail address** |  | | | | | |
| **3** | **Financial Strength- Average Annual Turnover & Profit in Rs.** | |  | | | | | |
| **(Submit attested copy of ITR, Balance sheet attached by Charted Accountant )** | |  | | **Turnover (in Rs.)** | | **Profit (in Rs.)** | |
| **FY 2013-14:** | |  | |  | |
| **FY 2014:15:** | |  | |  | |
| **FY 2015-16:** | |  | |  | |
| **4** | **Details of similar work executed:** | |  | | | | | |
| **(Submit completion/performance certificate of similar works mentioned in eligibility criteria with details in separate sheet)** | |  | **Works** | | **Place of work** | | **Amount** |
| **1** |  | |  | |  |
| **2** |  | |  | |  |
| **3** |  | |  | |  |
| **5** | **PAN Number (Submit copy of PAN)** | |  | | | | | |
| **6** | **TIN Number (Submit copy of TIN)** | |  | | | | | |
| **7** | **Service Tax Number (Submit copy of Service Tax Registration)** | |  | | | | | |
| **8** | **Solvency Certificate (Submit Solvency certificate)** | | **Yes / No of Amount Rs. …………………** | | | | | |
| **9.** | **Details of Proprietor/Partner/Director educational qualifications related to engineering.**  **(Submit copy of degree certificate)** | |  | | | | | |

**DECLARATION:**

I/We hereby submit the information in your prescribed proforma and understand that if any information is found to be false at a later date, contract / order made between us and Central Bank of India will be treated as invalid. I/We agree that the decision of Central Bank of India in selection will be final and binding on me/us. All the information furnished in the attached sheets is correct to the best of my/our knowledge. Bank shall have the authority to verify all the information provided by me/us. All supporting documents shall be provided by me/us in authenticity of the information furnished. I/We agree that I/We have no objection if inspection of my/our premises/workshop, shop etc. is done by the officials of the Bank.

Place: Signature:

Date: Name & designation:

Organisation:

**ANNEXURE-III**

**FINANCIAL BID**

To,

Asst. General Manager (Elec.),

Zonal Office,

Central Bank of India,

9, Arera Hills,

Bhopal.

Sub: Submission of Financial Bid – SUPPLY & INSTALLATION OF CHEMICAL EARTHING FOR UPS AND OTHER EQUIPMENT

Tender No.ZO/GAD/ELEC/002

Dear Sir

This is with reference to the tender document mentioned above and issued to M/s - --------------------------------------------------------------------. In this regard we are submitting our financial bid in the prescribed format “Schedule A” of the NIT.

In this regard we confirm the following.

(i). No other document has been attached with the financial Bid.

(ii). It is stated that having submitted the letter of unconditional acceptance of all the conditions of NIT, we have not attached any terms & conditions with the financial bid. If any such terms & conditions are found attached with the financial Bid, the same may be treated as withdrawn and Central Bank of India is free to take any action as provided for in the NIT.

(iii). It is also stated that the bid submitted above is firm & final without any variables.

(iv). All items are quoted with clear rates.

Pages Enclosed in the Bid: \_\_\_\_\_\_\_\_\_\_\_

Price Bid Pages from \_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_ enclosed

Yours Sincerely

Date: (Authorized Signatory with Stamp)

Name & Address of the Firm

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Telephone & Fax Nos. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Mobile \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-mail Address \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S.No.** | **DESCRIPTION** | **Unit** | **Qty. (tentative)** | **Amount including all taxes/duties (in Rs.)** | |
|  |  |  |  | **In fig** | **In words** |
| 1 | SITC of Chemical Earthing using 17.2 mm dia. 1m long copper bonded rod 250 microns with welded clamp of 50\*6 in straight through joint having 4 holes for connections complete with excavation in all types of soil/stone, civil works etc. The voltage between Neutral & Earth not to exceed 3 volts & IR value less than 1 ohm. The earth resistance shall be as per IS 3043. | No. | 1 |  |  |
| 2 | Providing &Backfill Earthing Compound tested by NABL. | kg | 10 |  |  |
| 3 | P & F Masonry Chamber with plaster incl. all civil works complete with concrete cover on top.  Size: 200x200x300 mm internal | No. | 1 |  |  |
| 4 | |  | | --- | | P & F GI strip of size 25 mm X 5 mm including installation | | m | 1 |  |  |
| 5. | P&F 12 SWG copper wire from strip to instrument with proper connections, lugs etc. complete. | m | 5 |  |  |
| 6. | Labour Charges for completing the above process for Earthing  a) Earth excavation, provide Earthing electrode and refilling  b) Placing &installingGI strip and wire up to Panel/UPS | L.S. | 1 |  |  |
|  |  |  | Total = |  |  |

 Warranty Period for Chemical Earthing (Copper) from the date of commissioning is five years (Warranty implies the voltage between the earth & neutral will not exceed 3 volts for both the Earthing pits.)

 Payment shall be made on the basis of actual work done, i.e. after measuring the quantity of items used during preparation of Earthing pits.