



EE/400KV/RS/O&M/DN/DHL/151.

Date: -13.03.2024.

Sub:- SRM E-Enquiry for procurement of 08Nos. of multifunction panel meters (MFM) against faulty meters for SCADA MFM metering network at 400KV R.S. Dhule, under EHV (O&M) Circle, Bhusawal.

(RFx No.7000030719)

Dear Sir,

Online bidders inviting **Two bid system** for procurement of 08Nos. of multifunction panel meters (MFM) against faulty meters for SCADA MFM metering network at 400KV R.S. Dhule, under EHV (O&M) Circle, Bhusawal.

Please Note the following:-

| | | |
|---|---|--|
| 1 | RFx Number | 7000030719 |
| 2 | Online Downloading the RFx | 13.03.2024 to 20.03.2024 @ 14:00 Hrs. |
| 3 | Online Submission of the RFx | 13.03.2024 to 20.03.2024 @ 14:00 Hrs. |
| 4 | Online Opening of the Techno Commercial RFx | 20.03.2024 @ 14:15 Hrs. |
| 5 | Online opening of the price bid RFX | 20.03.2024 @ 14:30 Hrs. |
| 6 | Estimated Cost | Rs. 1,17,764/- |
| 7 | EMD amount | 5000=00 |
| 8 | Enquiry Fees | 118=00 (Including taxes) |
| 9 | Contact Person | EE (8669074265) |

Terms & Conditions:

- 1) **Due Date:** The quotations complete in all respects should be submitted online on or before 20.03.2024; 14:00 Hrs. positively.
- 2) **Scope of Work:** Procurement of 08Nos. of multifunction panel meters (MFM) against faulty meters for SCADA MFM metering network at 400KV R.S. (O&M) Division, Dhule as per Schedule "A".
- 3) Specification as mention in the Annexure-A.
- 4) **Quoted Rates:** The rates quoted should be including of all taxes, charges, etc.
- 5) **Security Deposit:** The successful bidder will have to pay an amount equivalent to **10%** of Contract value towards S.D. to the office of the Exe.Engineer,400KV R.S. Dn. Dhule within 7 days from the date of receipt of LOI which is refundable after satisfactory completion of guaranty period.
- 6) **Agreement:** - Agreement contract between MSETCL & successful bidder should be carried out on Rs. 500/- bond paper within 7 days from the date of receipt of LOI. Successful bidder will have to borne the charges for agreement bond.
- 7) **Validity of Offer:** The offer should be valid for our acceptance for a period of 180 days from the due date of this SRM E-Enquiry.
- 8) **Delivery Period:** 08Nos of multifunction panel meters (MFM) should be delivered within 90 days from the date of work order at 400KV RS Dhule.

- 9) **Technical Qualifying Criteria:** The rate offer must be accompanied with following documents by vendor:

Technical bid (Qualifying Requirement): Bidder should upload the following digitally scan copies of original documents / certificates online in 'note & attachments' tab in RFx.

1. Statutory Qualifying Requirement/Criteria:

- i. The Bidder should have a valid registration under Bombay shop & Establishment Act 1948/ Small Scale Industry Act / Company(Factory) Act - Proof thereof.
- ii. The Bidder should be Register under Goods & Services Tax (GST) Act – Proof thereof.

Note: The original colored scan copy should be uploaded as bid documents in support of statutory qualifying criteria i.e. statutory licenses/registration. The attested / notarized photo copies of the same will not be entertained.

2. Technical Qualifying Requirement/Criteria:

- i. The bidder either manufacturer or authorized dealer/channel partner of manufacturer. If the bidder is authorized dealer/channel partner, then valid authorization letter from manufacturer should be uploaded for this SRM E-Enquiry.
- ii. The bidder should have in last 05 years experience of " Similar work" for amounting as follows;
 - a. **One** completed work mentioned above having costing not less than the amount equal to **80%** of the estimated amount, OR
 - b. **Two** completed works mentioned above having each costing not less than the amount equal to **50%** of the estimated amount, OR
 - c. **Three** completed works mentioned above having each costing not less than the amount equal to **40%** of the estimated amount.
- iii. The bidder or his manufacturer should have proven experience not less than 5 years in Design, manufacture, supply, and testing of similar equipment/ material tendered.
- iv. The Bidders or his manufacturer should have adequate in-house testing facilities for conducting all the acceptance test in accordance with relevant IS also submit valid latest type test report.
- v. The bidder should submit the end user's Certificate for successful operation of material at least for 2 years as on the date of submission issued by the authority not below the rank of Executive Engineer or Equivalent with detail work order copy.
- vi. The owner reserved the rights to accept / reject the Bid.

Note: The original colored scan copy should be uploaded as bid documents in support of Technical qualifying criteria. The attested / notarized photo copies of the same will not be entertained. Detailed communication address, e-mail ID and contact nos of the end users should be furnished for cross verification.

3. Financial Qualifying Requirement/Criteria:

- i. The Average Annual turnover of the bidder during last 3 financial years should be not below than 60% of estimated cost.

The bidder should submit the certificate of turnover through Unique Document Identification Number (UDIN) duly certified by Practicing Chartered Accountant for preceding (last) 03 financial years on the basis of audited financial statement

- ii. The bidder should have a “**Net Worth**” (which is defined as “Equity share capital + Reserves – Revaluation reserves – Intangible assets – Miscellaneous expenditure to the extent not written off and carry forward losses”) of not less than 25% (Twenty Five percent) value of estimated cost of tender offered. The bidder should submit the statement of Net Worth duly certified by Chartered Accountant for the last financial year.

The bidder should submit the statement of Net Worth through Unique Document Identification Number (UDIN) duly certified by the Practicing Chartered Accountant.

OR

The bidder should have submitted the Solvency certificate of 25% of the estimated cost from any scheduled or Nationalized Bank. Also the certificate should not be older than last 06 months from the date of bid submission.

- iii. Copy of PAN Card, IT returns, Audited Profit & Loss statement and Balance Sheet for 3 Financial Years.

Note: The original colored scan copy should be uploaded as bid documents in support of Financial qualifying criteria. The attested / notarized photo copies of the same will not be entertained. The duly audited, verified and certified figures from chartered accountant will be considered for annual turn over and net worth. The provisional certificates(if any) will be not be entertained.

4. Other Mandatory Documents For Valid Bid:

- i. The bidder should complied/meet MSETCL’s required technical specifications mentioned in Annexure-“A”. The equipment shall be strictly in accordance with the requirements of technical specification.
- ii. One set of documents incorporating the following particulars shall be included in the online offer- GTP, BOM, Drawings, Technical literature/ Manual for the offered equipment.
- iii. The bidder or his manufacturer should have well established, prompt after sales service-support facility/network in India. Necessary documentary evidence should be submitted along with the bid.
- iv. The price variation (PV) clause is not applicable for this SRM E-Enquiry.
- v. EARNEST MONEY DEPOSIT (EMD): online Mode only

The bidder should have to submit the proof regarding payment of SRM E-Enquiry fee & E.M.D. @1% of estimated cost.

The bidder shall pay the Earnest Money Deposit as set below along with the SRM E-Enquiry. The SRM E-Enquiry without the payment of Earnest Money Deposit shall be summarily rejected.

- a. Unless the bidder is exempted on account of statutory directives as enlisted in clause (b) below. Earnest Money Deposit should be @1% of the estimated value of the SRM E-Enquiry or Rs. 5000/- whichever is more.

b.

- 1) All Government and semi Government Institutions under Government of Maharashtra and Zilla Parishad in Maharashtra and fully owned undertaking of any State Government and Government of India (for the item's manufactured by such institutions / units).
- 2) Small-scale industrial unit permanently registered with Directorate of Industries Maharashtra for the manufactured items.
- 3) Small scale industrial unit registered with National Small Industries Corporation (NSIC) and Small Industries Services, Institute of Govt. Of India for the manufactured items.

The benefits mentioned in '1' to '3' above shall be available only to those items approved during the Registration process and subsequent updates in registration upto the date of submission of this SRM E-Enquiry.

No interest shall be paid on the Earnest Money Deposit.

- c.** In the event the bidder withdraws his offer during the validity period the earnest money deposit shall stand forfeited and the Purchaser shall be entitled to recover the amount of E.M.D. paid or encashing the Bank guarantee or by resorting any other remedy available under the law.

Note for SSI unit : The bidder registered with Directorate of Industries of Government of Maharashtra for manufacturing the items tendered/offered and those who have attached valid Certificate at the time of vendor registration shall be considered for concessions applicable. These benefits shall be available only to those items approved during the Registration process and subsequent updates in registration up to the submission of this SRM E-Enquiry.

EMD REFUND: Earnest money deposited (EMD) will be refunded online through SRM System after approval from competent Authority. EMD will be credited to the bank account maintained by bidder in vendor Profile in SRM system. Bidders are requested to ensure that the bank details i.e. Account No., IFSC Code, Account Holder Name, Bank Name, Bank Address are correctly maintained in SRM System and update the same, if required.

It may be noted that:

1. In case bank details are not maintained by the bidders in their SRM Vendor profile, EMD will not be refunded online and MSETCL will not be responsible for the delay.
2. MSETCL will not be responsible for any financial implications in case incorrect bank details are maintained by the bidders as it is the sole liability of the bidder to maintain correct bank details to facilitate online refund of EMD.”

- vi. **Undertaking for acceptance of all the terms & conditions** of SRM E-Enquiry documents & MSETCL's standard terms & conditions on valid company's/firm's letter head as per **Annexure-“B”** of SRM E-Enquiry documents.
- vii. Bidders have to submit an undertaking in the attached **Profarma ANNEXURE-G** declaring that their Firm is not Debarred/Blacklisted by Government/Semi Government/Other Power Utilities, anywhere.

If it is revealed that the participating Bidder is Debarred/Blacklisted by Any Government/Semi-Government/Other Power Utility, anywhere, the Offer of such Bidder shall be liable for rejection at any stage of SRM E-Enquiry process.

Further, it is revealed that the successful Bidder is Debarred/Blacklisted by any Government/Semi-Government/Other Power Utility, anywhere then Order of such Bidder shall be liable for termination at any stage of Order execution process and the concern Bidder shall be solely responsible for the consequences arising there from.

- V. Bidders have to submit an undertaking in the attached Profarma regarding submission of correct documents against the tender on Non-judicial Stamp of appropriate amount (Presently Rs. 500/-).

5. **The documents attached by the bidders in SRM E-Enquiry shall be clearly visible.**
6. Even though the bidders meet above qualifying criteria, as per their statements they are subject to be disqualified if they have.
 - a) Made misleading or false representations in statements & attachments or fake documents submitted as proof of the qualification requirement and/or
 - b) Record of poor performance such as poor quality of product, not properly completing the contract, inordinate delays in supply completion,
 - c) Financial shortcomings or any failures in past contracts.
 - d) Insufficient experience, or employing insufficient number of employees, or not employing the qualified employees
7. The owner reserved the rights to cancel the SRM E-Enquiry at any stage without assigning any reason thereof.
- 10) **Packing/Forwarding:** Packing/Forwarding will be at the cost of the contractor.
- 11) **GST:** GST will be deducted as per rules.
- 12) The Supply order contract may be placed of partial/full quantity of work mentioned in this enquiry.
- 13) **Dispatch Instructions:** The transportation of any kind of material are in the scope of Agency & material to be delivered at 400KV RS Dhule.
- 14) **Payment:** 100% payment shall be made after dispatch of material at 400KV RS Dhule against GR Note issued by at 400KV RS Dhule subject to availability of funds by MSETCL. No advance payment shall be made in any case.
- 15) **Submission of Bill:** The RR/Delivery challan shall be sent to the consigned and the bill in duplicate along with GR Note, Testing & Inspection report, Guarantee Certificate, Test Certificate of the manufacturer & the Necessary Test Reports as mention in the QR shall be submitted to this office for payment.
- 16) **Damage:** - The Damaged/rejected material must be replaced in free of cost by contractor.
- 17) The Undersign reserved the rights for cancellation of any or all quotations without assigning any reason.
- 18) For any dispute/differences arrived, that will be subjected to jurisdiction of Dhule court only.
- 19) MSETCL Reserve rights to add more terms during the contract period if found necessary.
- 20) **The new GTC (Annexure-A) attached with this booklet prevailed the old one.**
- 21) **The Revised/New Performance Bank Guarantee format attached h/w.**

Sd/-
(Narendra Bhavsar)
Executive Engineer
400KV R.S.(O&M) Division, Dhule.



MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.

SCHEDULE "A"

Sub:- SRM E-Enquiry for procurement of 08Nos. of multifunction panel meters (MFM) against faulty meters for SCADA MFM metering network at 400KV R.S. Dhule, under EHV (O&M) Circle, Bhusawal.

| Sr. No. | Name of Item | SAP Material/ Service Code | Rate per unit (Rs.) | Qty. | Total Amt. (Rs.) | Unit |
|--|---|----------------------------|---------------------|------|------------------|----------|
| 1 | <p>Supply of multifunction meters (MFM) Display: Touchscreen & On site Programmable with Real Time Clock (RTC), display all 3ph 4 wire Energy/power/voltage/current.... Active/Reactive & Import/Export Angle/demand/P.F./Frequency Input current: 3ph. 6 wire connection Primary:From 1A up to 9999A On site Programmable Secondary: 1A/5A Input Voltage: 3ph. 4 wire connection Primary: 100VLL to 692.8 kV LL On site Programmable Secondary: 57.7 - 288.68 V L-N On site Programmable Auxiliary Supply: External Aux 60 V – 300V AC-DC Aux supply frequency 50 / 60 Hz (± 10 %) Accuracy Class: 0.2 Class VA Burden: Nominal input voltage burden < 0.2 VA approx. per phase Nominal input current burden < 0.2 VA approx. per phase Auxiliary Supply burden < 6.5 VA approx Interfaces: Impulse Led At the rear of the instrument with an Impulse constant of 4000 impulses/kWh. Relay Configured as Limit or Pulse output Load Capacity 240 V AC ,5 A Contact Change over contact, bistable ModBus / RTU RS485,max. 1200m Baud rate: 4.8k, 9.6k, 19.2k, 38.4k bps Direct remote access: <input type="checkbox"/> Remote access of measured parameters. <input type="checkbox"/> User Assignable Registers for MODBUS. <input type="checkbox"/> Programmable baud rates up to 38.4kbps. <input type="checkbox"/> Remote configuration of the Instrument via MODBUS.</p> | 500007161 | | 8 | | Per Unit |
| | | | | | 0.00 | |
| | | | | | GST @ 18% | 0.00 |
| Grand Total (Including all taxes) | | | | | 117764.00 | |

Sd/-

Narendra Bhavsar
 Executive Engineer
 400KV R.S.(O&M) Division, Dhule.
 MSETCL.

MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.,
400KV R.S. Dn. Dhule, under EHV (O&M) Circle, Bhusawal.
Annexure-A

The detail specifications of 08Nos. of multifunction panel meters (MFM) are as follows:-

| Sr. No. | Specifications | | |
|----------|---|----------|---------------------------------|
| 1. | <p>Supply of multifunction meters (MFM)- 08Nos.</p> <p>Display: Touchscreen & On site Programmable with Real Time Clock (RTC), display all 3ph 4 wire Energy/power/voltage/current.... Active/Reactive & Import/Export Angle/demand/P.F./Frequency</p> <p>Input current: 3ph. 6 wire connection</p> <p>Primary: From 1A up to 9999A On site Programmable</p> <p>Secondary: 1A/5A</p> <p>Input Voltage: 3ph. 4 wire connection</p> <p>Primary: 100VLL to 692.8 kV LL On site Programmable</p> <p>Secondary: 57.7 - 288.68 V L-N On site Programmable</p> <p>Auxiliary Supply:</p> <p>External Aux : 60 V – 300V AC-DC</p> <p>Aux supply frequency: 50 / 60 Hz (± 10 %)</p> <p>Accuracy Class: 0.2 Class</p> <p>VA Burden:</p> <p>Nominal input voltage burden < 0.2 VA approx. per phase</p> <p>Nominal input current burden < 0.2 VA approx. per phase</p> <p>Auxiliary Supply burden < 6.5 VA approx.</p> <p>Interfaces:</p> <p>Impulse Led : At the rear of the instrument with an Impulse constant of 4000 impulses/kWh.</p> <p>Relay: Configured as Limit or Pulse output</p> <p>Load Capacity: 240 V AC ,5 A</p> <p>Contact: Change over contact, bistable</p> <p>ModBus / RTU : RS485,max. 1200m</p> <p>Baud rate: 4.8k, 9.6k, 19.2k, 38.4k bps</p> <p>Direct remote access:</p> <p><input type="checkbox"/> Remote access of measured parameters.</p> <p><input type="checkbox"/> User Assignable Registers for MODBUS.</p> <p><input type="checkbox"/> Programmable baud rates up to 38.4kbps.</p> <p><input type="checkbox"/> Remote configuration of the Instrument via MODBUS.</p> | | |
| 2. | <table border="1" style="width: 100%;"> <tr> <td style="width: 30%;">Warranty</td> <td>12 months from date of receipt.</td> </tr> </table> | Warranty | 12 months from date of receipt. |
| Warranty | 12 months from date of receipt. | | |

Sd/-

Narendra Bhavsar
Executive Engineer

Annexure B
UNDERTAKING

(This undertaking should be given on company's/ firm letter head)

To,
Executive Engineer
400KV R.S. Dn. Dhule,
MSETCL.

Dear Sir,

We hereby offer for _____ as detailed in your SRM E-Enquiry specification and in accordance with the Terms and Conditions thereof.

We have carefully perused the above SRM E-Enquiry specification connected with the work and agree to abide by the same.

We also agree to pay Security Deposit and to give the Contract Performance Guarantee as per your requirements in case we are the successful Agencies and we have accepted all Terms & Conditions of the SRM E-Enquiry specification.

CERTIFICATE:

I/We agree to provide the services at the rates herein SRM E-Enquiry by me/us subject to the conditions of SRM E-Enquiry and in Schedule 'A' of this SRM E-Enquiry which I/We have carefully read and that I/We thoroughly understood and to which I/We agree. I/We hereby agree to keep this offer open up to the date as indicated in SRM E-Enquiry Details and shall bound by communication of acceptance dispatched within the validity period.

We further agree to execute the contract if awarded referred to in your SRM E-Enquiry specification as per the Terms and Conditions specified therein.

We are uploading this undertaking herewith as per the SRM E-Enquiry.

Seal & Signature of Agency

Annexure G

Undertaking to be submitted by the Agency declaring that Agency is not debarred/Blacklisted by Government/Semi-Government/Other Power Utilities.

I/We hereby declare that I/We is/are participating in MSETCL's RFX/SRM E-Enquiry No. _____ As on date of submission of this SRM E-Enquiry, I/We hereby declare that My Firm/We is/are not Debarred/Blacklisted by Any Government/Semi-Government/Other Power Utilities, anywhere.

The above declaration is true to the best of My/Our knowledge and belief.

I/We hereby agree that in case My Firm/We are Debarred/Blacklisted by Any Government/Semi-Government/Other Power Utilities, anywhere, My/Our Offer is liable for rejection at any stage of SRM E-Enquiry process as per SRM E-Enquiry Conditions.

Further, I/We hereby understand and agree that in case My Firm/We are Debarred/Blacklisted by Any Government/Semi-Government/Other Power Utilities, anywhere, My/Our Order is liable for termination at any stage of Order execution process and My Firm/We shall be solely responsible for the consequences arising out of it.

Authorized Signatory

Seal of the Firm

Non-judicial Stamp of appropriate amount
(Presently Rs. 500/-)

UNDERTAKING

I/We, _____ authorized signatory of M/s. _____ solemnly
declare that:

- 1) I/We am/are submitting the bid against the tender No. _____ & I/We offer to execute the work in accordance with all the terms, conditions & provisions of the bid.
- 2) I/We hereby confirm that all the documents submitted by us in hard as well as soft form (self-documents & third party documents) are genuine, authentic, true & valid.
- 3) I/We am/are obliged to present the original documents/certificates for verification, wherever called for, by any authority of MSETCL.
- 4) Further, all information furnished by us in respect of fulfilling of eligibility criteria & qualification information of this tender is complete, correct & true to the best of our knowledge and belief and nothing has been concealed therein.
- 5) If, any information or document submitted is found to be false/incorrect/misleading/misrepresenting at any time, MSETCL may reject my bid & take action as deemed fit may be taken against us including termination of the contract, forfeiture of all dues including Earnest Money/Security Deposit & debarring/blacklisting of our firm.

Yours faithfully,

(Authorized Signatory)

Name, Signature & Seal/Stamp of the bidder

Place:

Date: