

## Maharashtra State Electricity Distribution Co. Ltd.

Tender Details		02-07-2024 03:30:12
Tender Code	EE/CSNRD-1/TS/T-002/2024-25 VERSION- 2	
Tender Type	Works Tender	
Type Of Bid	Two Bid	
Description	E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh. Sambhajinagar.	
Estimated Cost (In Lakhs)	10	
Basis of prices	NA	
Tender Validity	NA	
Delivery Requirement (In Months)	NA	
Tender on rate contract basis	NO	
Tender Fee (In INR)	1000	
GST In INR (@18% on Tender Fee: SAC No.	180	
Total Tender Fee Amount including GST in INR.	1180	
Contact	V S LAHANE , 7875764072 ,eeaurangabadr1@ho.mahadiscom.in	
Pre-Qualifying Req	AS PER TENDER CONDITIONS	
Budget Type	Revenue	
Scheme Code	NA	
Scheme Name	NA	
Department	Distribution Department	
Office Type	DIVISION	
Location Type	Chhatrapati Sambhaji Nagar Rural Division-I	
Designation	Additional Executive Engineer(Distribution)	
Pre-Bid Meeting Address	The Executive Engineer, Aurangabad Rural Division-I, Plot No J-13, Opposite to Garware Stadium Chikalthana MIDC Chh. Sambhajinagar	
Bid Opening Address	online	
Version No	2	
Call for Deviation	NO	
Is Annexure C1 Applicable	NA	
Is Manufacturer Applicable	NO	
Is Trader Applicable	NO	
Minimum % of Offered Quantity	NA	
Is Power Supplier Applicable	NO	
Tender Sale Start Date	20-06-2024 10:30	

Tender Sale End Date	23-06-2024 23:55
Bid Start Date	20-06-2024 11:00
Bid End Date	04-07-2024 13:00
Pre-Bid Meeting Date	
Techno-Commercial Bid opening on	04-07-2024 13:30
Price Bid opening on	Will be declared later
Annexure C1 Opening Date	NA
Winner Selection Date	Will be declared later
Can Bidder Opt EMD Exemption	N

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.,  
RURAL-I DIVISION, CHH. SAMBHAJINAGAR.**



**E-TENDER NO. EE/CSNRD-1/TS/T-02/2024-25**

**TENDER FOR**

E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh. Sambhajinagar.

**VOLUME-I**

**TECHNICAL BID**

**EXECUTING AUTHORITY**

The Executive Engineer,  
Aurangabad Rural Division-I,  
Plot No J-13, Opposite to Garware Stadium  
Chikalthana MIDC  
Chh. Sambhajinagar

**Contact Person**

Addl. Executive Engineer  
Mobile No.7875764072  
Email [eeaurangabadr1@ho.mahadiscom.in](mailto:eeaurangabadr1@ho.mahadiscom.in)  
[eeaurangabadr1@gmail.com](mailto:eeaurangabadr1@gmail.com)


**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.,  
RURAL-I DIVISION, CHH. SAMBAJINAGAR**

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**Seal and Signature of Tenderer**

EE/CSRDN-1/TS/T-02/2024-25

	Maharashtra State Electricity Distribution Co. Ltd. Executive Engineer,	
	O & M Rural-I Division Chh. Sambhajinagar,	
	Plot no. J-13, MIDC Chikalthana, Opp. Garaware Stadium, Chh. Sambhajinagar – 431210.	
	Email: - <a href="mailto:eeaurangabadr2@ho.mahadiscom.in">eeaurangabadr2@ho.mahadiscom.in</a> (A Govt. of Maharashtra undertaking)	

**E-Tender Notice**

E-Tenders are invited by undersigned in the prescribed format through e-tendering process from reputed, experienced and eligible contractors.

Sr	Tender no.	Tender For	Amount In Lakh Rs	Tender Fee	EMD
4.	EE/CSRDN-1/TS/T-02/2024-25	E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub- division of Rural-I Division Chh. Sambhajinagar	10.00	1180=00	10,000=00

The above tenders documents are available at our website from- **17.06.2024 to 23.06.2024** Last date of submission of tender is- **24.06.2024 up to 15.00 hrs.** Technical Bid opening date is – **24.06.2024 time 15.30 hrs** (if possible). Pre Bid meeting **21.06.2024 time 11.00 hrs.**

The tender fee & EMD is to be submitted by online/cash /D.D. at Rural-II Division, Chh. Sambhajinagar before due date & copy of the receipt should be up-loaded along with tender documents.

The under signed reserves the right to accept any e-tender or to reject any e-tender without assigning any reasons thereof.

**Executive Engineer,  
MSEDCL Rural-I Division  
Chh. SAMBHAJINAGAR**

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**Seal and Signature of Tenderer**

EE/CSRDN-1/TS/T-02/2024-25

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.,  
RURAL-I DIVISION, CHH SAMBHAJINAGAR.  
TENDER NO. EE/CSRDN-1/TS/T-02/2024-25**

**LETTER TO TENDERER**

M/s \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sir,

Please quote your competitive rates for the E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh.

Sambhajinagar, as per Schedule and tender document duly filled-in, signed on each page. It is also requested to note the "Instructions to the Tenderers" before submitting the offer.

**Date: -**

**Place: -**

Yours faithfully,

**Executive Engineer,  
MSEDCL, Rural-I, Division  
Chh. Sambhajinagar**

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Seal and Signature of Tenderer

EE/CSRDN-1/TS/T-02/2024-25

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.,  
RURAL-I DIVISION, CHH. SAMBHAJINAGAR**

**INSTRUCTION TO TENDERER**

1) Two Bid E-Tenders are invited from reputed licensed electrical contractors Experienced in Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh. Sambhajinagar,

**2) Name of work :**

Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh. Sambhajinagar,

**3) Period of contract : 1 year**

4) **Brief scope of work:** Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh. Sambhajinagar.

**5) Estimated cost of Tender: Rs. 10.00 Lakhs.**

6) **Earnest Money Deposit (EMD):** - The tenderer should pay Earnest Money Deposit (EMD) as shown in tender notice. EMD shall be paid through Cash/ Demand Draft/Online only. Previous EMD paid / BG if any will not be considered for this tender. The DD should be drawn from any scheduled Bank in favour of The Executive Engineer, MSEDCL, Rural-I Division, Aurangabad, DD should be submitted to office of The Executive Engineer, MSEDCL, Rural Division-II, Chh. Sambhajinagar and receipt of the same should be taken & uploaded in tech-bid. The tender submitted without EMD will be rejected. No interest will be paid on the EMD. EMD DD shall be submitted to this office personally (By post not allowed). The bid security of unsuccessful bidder will be returned as promptly as possible, after award and signing of the contract agreement or expiration of the period of bid validity whichever is earlier. The bid security of the successful bidder will be returned when the bidder has signed the contract agreement and furnished the required security deposit. The EMD should be paid before tender closing date & time.

**7) Refund of E.M.D. to unsuccessful tenderer:**

Earnest Money Deposit shall be returned to the unsuccessful tenderers as soon as possible after the tender is finalized by the Company.

**8) Tender Fee:** The bidder has to pay tender fee of **Rs. 1180/-** (non-refundable).

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**Seal and Signature of Tenderer**

## EE/CSRDN-1/TS/T-02/2024-25

- 9) Only online payment will be accepted for the tender fees. Tender documents can be downloaded from our website (<https://etender.mahadiscom.in>)
- 10) The tender is available on Website shown in Tender Details, through E-tendering System only. It should be avoided and in case correction are necessary the earlier matter should be scored and initialed with new details. Tender not signed as above shall be liable to be rejected.
- 11) The successful Tenderer shall be required to pay security deposit amounting to 10% of the value of the contract either by DD/Pay Order, OR Bank Guarantee etc. valid for period of contract towards quality of work performance.
- 12) This is a work to be executed according to the schedule enclosed by providing services required for the work. The tenderer is requested to inspect the area / site, particularly the roads and see for himself the site conditions regarding approaches, material, water supply labour etc. and all the other matter affecting the work before filling the tender. In this connection the tenderer may contact concern SDOs before submission of the tender.
- 13) **The tenderers should be registered with the Government of Maharashtra as an Electrical contractor.** Documentary evidence should be submitted along with tender. The license number has to be clearly indicated in the tender. Preference will be given to the tenderer having experience in similar type of job.
- 14) The Contractor shall be required to pay the laborer's engaged by him on the work not less than a Minimum wage (which expression shall mean whether for whole time or piece work the respective rates of wages as fixed under the law for the time being in force) The contractor shall, be required not withstanding any provision in the contract to the contrary, work including any labour engaged by his labour contractors in connection with the said work as if laborer's had been immediately employed by him. The contractor shall comply with provisions of payment of wages ACT,1936, Minimum Wages ACT,1948 Employees Liability Act 1938 Workmen's Compensation Act 1923, Industrial Disputes Act 1947, Labour (Regulation and Abolition) Act 1970 or any Modification thereof or any other law relating thereto and rules made there under from time to time, and give effect to the provisions of any law for the time being in force and regulating the rights and privileges of the laborers employed by him directly or indirectly. The Tenderer will have to furnish the documentary confirmation that facilities are made available to the employees engaged by him on the job. The contractor shall indemnify the MSEDCL. Against any payments to be made under and for the observance of the regulations, for the time being in force without prejudice to his right to claim indemnify from his subcontractor.
- 15) The contractor shall be responsible for rectification of defects for the work carried out during period of contract. Any defects or failures during this period shall be rectified within one week of intimation in writing. If the same is not carried out in the stipulated time, we shall have the right to

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Seal and Signature of Tenderer



## EE/CSRDN-1/TS/T-02/2024-25

get it repaired departmentally or through any other agency. The cost of the same shall be recovered from the contractor. The S. D. amount (10% of the contract value) paid by the agency either through Demand Draft OR in the form of Bank Guarantee will be released only after completion of the above said period subject to submission of NOC certificate from Field Additional Executive Engineers under Rural-I Division, Chh. Sambhajinagar.

- 16) The tenderers must upload (online submission) the forms of schedules duly filled in with rates in figures and in words and each schedule duly signed. Any schedule not bearing the signature of the Tenderer, the tender is likely to be rejected. Rates quoted for work should be reasonable. Only one rate should be quoted. In case dual rates are quoted for the same, item the offer is likely to be rejected. Tenderers should not offer rates for items not covered in the schedules and also should not split any item of the schedule. Doing so, may disqualify from the offer. Discount on any account such as quantitative discount, payment discount etc., will not be considered for comparison of the rates, as such, rate should be on firm quotation basis only.
- 17) Special attention is invited to the requirements that all corrections must be initiated and dated by the tenderer and that all the pages should bear the full signature of the tenderer at the foot of each page and each schedule should bear the seal of the tenderer.
- 18) Tenders which do not fulfill all or any of the above conditions or incomplete in any respect are liable to be rejected.
- 20) The submission of a tender by a tenderer implies that he has read these instructions conditions of contract etc., After acceptance of the offer we shall not pay any extra charges for the lead or for any other reasons in case the Tenderer is found later on to have misjudged himself.
- 21) Tenders shall remain open for acceptance for a period of 90 days from the date of opening of the tender. During this period no tenderer shall be allowed to withdraw his offer. Any such with-drawl during the said period will entail forfeiture of the Earnest Money deposited with us.
- 22) The Tenderer should furnish details of his organization, technical experience, equipment and financial capacity to carry out the works set out in the tender within the time stipulated for completion, if required by MSEDCL. He shall furnish details of value of works, authority under whom it was executed and period of completion.
- 23) The contractor may have their office/Contact person in area under **Rural-I Division**, Chh. Sambhajinagar. The address along with the name of Contact person and Telephone number should be furnished along with the offer.
- 24) The Tenderer will have to submit Net worth Certificate for last financial Year. FY 2022-23 (Positive Net worth required for this tender)
- 25) Any Taxes on Services / works or on transfer of property in goods involved in the execution of work contract or any other services or on furnished any fabricated material or work shall not be separately paid as an addition to the Tender rates by the Company. The rates for several items of work indicated are

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Seal and Signature of Tenderer

## EE/CSRDN-1/TS/T-02/2024-25

deemed to include all local and general taxes, excise duty etc.

A copy of work contract registration should be enclosed; if not the Work Contract tax as specified by the Government will be deducted directly from Contractor's bill.

- 26) Income Tax & other Taxes as applicable from time to time will be deducted from the bills of the agency.
- 27) The contractor on placement of the work order enumerating the contract condition shall within the prescribed period have to execute a written agreement on the prescribed standard form as per Company's Rules. The regular stamp fees etc necessary for completing the agreement shall have to be borne by the contractor.
- 29) The Contractor shall not entrust the work on sub contract, transfer or assign the contract or any part thereof to any other party without consent / permission from **Undersigned**. In case if it is not followed it will be treated as breach of contract and will be terminated at contractor risk and cost.
- 30) (a) The firm / contractor must arrange for all transport of material and include all such cost in the rates quoted by them for work.  
(b) The schedule of quantities as indicated in this tender are approximate AND minor deletions or additions may be possible while finalizing the Tender order.  
(c) The tenderer should furnish information regarding the works or similar nature carried out by him/them in any other department and submit copies of certificates in proof thereof.
- 31) General conditions of the Work Contract are as per Annexure "I" which shall form part of the contract. The contractor shall abide by the "General condition of Company's rules for contract.
- 32) The right to reject any or all the offers is reserved by us and we will not be bound to accept any offer without assigning any reason thereof.
- 33) In case of any dispute arising out of this contract, the decision of the **Undersigned** will be final.
- 34) Further information required if any can be had from the office of the **Undersigned**.
- 35) **Insurance and Payment of Contract Labor :-**  
Labor employed by you for execution of this contract should be covered under Workmen's Compensation Act and as required under the relevant provisions of the Contract Labor (Regulation and Abolition) Act. 1970. Insurance policy should be valid during entire period of this contract or extended period of the same if necessary.  
The Contractor shall be required to pay the laborer's engaged by him on the work not less than Minimum Wages (which expression shall mean whether for whole time or piece work the respective rates of wages as fixed under the law for the time being in force). The contractor shall be required notwithstanding any provisions in the contract to the contrary, cause to be paid such Minimum Wages to labor contractors in connection with the said work as if laborer's had been immediately employed by him. The contractor shall comply with the provisions of payment of Wages Act 1936, Minimum Wages Act, 1948, employees Liability Act 1938, Workmen's Compensation Act 1923, Industrial

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Seal and Signature of Tenderer

## EE/CSRDN-1/TS/T-02/2024-25

Disputes Act 1947. Indian other law relating thereto to rules made there under from time to time and give effect to the provisions of any law for the time being in force and regulating the rights and privileges of the laborer's employed by him directly or indirectly.

The contractor shall indemnify the MSEDCL against any payments to be made under and for the observance of the regulations, for the time being in force without prejudice to his right to claim indemnify from his subcontractor.

- 36) As per the Government of Maharashtra Resolution, contractors' all risk (CAR) insurance policy or Transit cum Erection (TCE) or Erection all risk (EAR) insurance in respect of contract works awarded by MSEDCL as principle to the contract work and workman's compensation insurance in respect of workmen engaged and deployed by the contractor's to complete contract work, is required to be obtained from the Director of Insurance, the Govt. of Maharashtra as per the Letter from H.O. vide No. IR/Insurance/9623 dtd.13/04/2012.

**37) Liquidated Damages:**

The essence of this contract is that the successful bidder should complete reading and issues the bills to the consumers in stipulated time period and also that the bill is absolutely correct in all respects. Thus it will be mandatory on part of the Successful bidder to carry out the work of allotted quantity as per the scope (in totality) and as per the billing cycle of the respective sub-division within the specified time. A weekly compliance shall be given by the Successful bidder to the respective Addl. Executive Engineer / nominated authority.

- A. If the meter reading program not operated as per schedule given by the concerned billing unit, a penalty of Rs 1,000/- per delayed day will be deducted from the bidder's bill.
- B. If any discrepancies observed by MSEDCL while cross checking the bills, penalty @ Rs 250/- shall be recovered for each occurrence from the bidder's bill.
- C. 100% Reading are to be taken by the agency, otherwise penalty will be @ **five times** of rate for meter reading on untaken consumers. B-30 reports of respective P.C. Should be got certified by concerned Assistant Accountant & S.D.O after validation of all status & before processing in I.T.
- D. Also in case the Hon. Regulatory Commission penalizes MSEDCL, levies penalty fine on account of non-compliance of Standard of Performance with respect to the bills issued under this contract (delay or wrong bill or for any other reason pertaining to billing), and where the Successful bidder is responsible for this, the same penalty / fine shall be to the account of the Successful bidder and it shall be deducted from the bills of the Successful bidder. If the wrong billing exceeds 5% (in quantity) during a particular month, the contract is liable to be terminated and MSEDCL shall

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Seal and Signature of Tenderer

## EE/CSRDN-1/TS/T-02/2024-25

be entitled to deduct/recover the amount of liquidated damages from the bills payable to the Successful bidder or any other amount due or payable to him against this or any other contract. (Deduction of one division against the payment of any other division for the same successful bidder)

- E. All the amendments time to time by authority, in penalty clause shall be applicable to successful bidder.
- F. These Liquidated Damages will be without prejudice to MSEDCL's rights of any other action / recourse permitted under the law.
- G. Contractor must bring the correct meter reading & submit to MSEDCL with actual data, in case of any temperament to reading or wrong reading penalty should be charged @ 50 times of rate of meter reading for number of meter readings wrongly brought by the contractor for each consumer.
- H. If it is noticed that the bogus readings are shown without visiting the consumers premises & Such bills are issued to consumers, the agency shall be instructed to lodge FIR against his employs who is indulged in such activity.
- I. Bill must be distributed immediately after handing over energy bills to the contractor or before 3 days of prompt payment date. In case contractor fails to distribute bills **Rs. 100/- penalty** per bill will be deducted from his claimed bill and If any complaint received against non distribution of bills & If it is proved then FIR will be filed against the contractor.
- J. If repeated mistakes are observed against the same agency, this shall be treated as utter failure of it and FIR will be filed/contract shall be terminated with black listing of the same.
- K. Joint venture not allowed for the tender.

**Executive Engineer,  
MSEDCL, Rural-I Dn,  
Chh. Sambhajinagar**

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Seal and Signature of Tenderer

EE/CSRDN-1/TS/T-02/2024-25

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY  
LTD.,**

**Qualifying Conditions**

The bidder shall submit his offer online in two Parts.

Part No. 1. TECHNICAL BID.

Part No. 2. PRICE BID.

**Part no 1. Technical Bid:** - Following Documents should be uploaded in Technical Bid for Qualification. Clear & readable Scanned copies of documents should be uploaded .

- A.** Copy of online receipt against online payment of **Tender Fees**.
- B.** Copy of receipt against the payment of tender **E.M.D**.
- C.** Registration as per **Shop Act**/Shop Act & Establishment Act 1948 (FIRM) or Factory Act/SSI Registration/proprietary proof. (So that the firm's name , address & ownership can be proved).
- D.** Certificate of **Provident fund** Registration.
- E.** Valid workman compensation Insurance.
- F.** Copy of **PAN card**.
- G.** Income Tax return of last three FY Years **(2020-21, 2021-22, 2022-23)** along-with balance sheets Certified by Chartered Accountant.
- H.** Valid **Electrical Contractor License**.
- I. EXPERIENCE:** Experience Certificates certified by Executive Engineer & above rank will be considered for evaluation. Only Work order copies would not be considered as work experience.
  - (a) **Specific Experience:** Experience as a Prime Contractor required for LT meter reading through CMRI / MR-9 equal to 75 % of consumers.( 75 %of 1995 consumers = 1497 consumers per month. )

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**Seal and Signature of Tenderer**

**EE/CSRDN-1/TS/T-02/2024-25**

(b) **General experience:** The Bidder should have Experience as a Prime Contractor of **Meter reading of LT Consumers through CMRI/MR-9** in any MSEDCL, central/State/Semi Govt. And Govt. undertaking Enterprises during last three years.

(Bidder should note that the actual value of works executed shall only be considered) either

- i. **One work order /contract (denotes executed only) equivalent to at least 20% of the estimated cost of the tender, or**
- ii. **Two work orders /contract (denotes executed only) equivalent to at least 30% of the estimated cost of the tender, or**
- iii. **Three work orders /contract (denotes executed only) equivalent to at least 40% of the estimated cost of the tender.**

J. **GST** registration.

K. The bidder should have **last 3 years (2020-21, 2021-22, 2022-23) Average annual turnover of 30 %** of cost of Tender. Turnover certificate should be duly signed by Chartered Accountant.

L. **Net worth** certificate (Positive Net worth ) as on 31.03.2024.

M. **Technical Bid Documents** should be Seal & signed to be uploaded in tech-bid.

**Part No.2: Price Bid:** - The Bidder should quote their rate in the format given in Price Bid and the same should be uploaded in Commercial Bid with Seal and Signature of Tenderer.

Initially while opening the Tenders, the Technical Bid will be opened first. The Price Bids of only those bidders who have qualified in the Technical Bid will be opened. For qualification, copies of all the documents mentioned above are required to be uploaded.

**Executive Engineer,  
MSEDCL, Rural-I Dn,  
Chh. Sambhajinagar**

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Seal and Signature of Tenderer

EE/CSRDN-1/TS/T-02/2024-25

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.,  
SCOPE OF THE WORK & GENERAL CONDITION OF CONTRACT**

**1 Objective**

	a)	The agency should carry out the following activities in Rural-II Division Aurangabad One Time Survey of LT Consumers 5 KW and above ( All Category ) Meter Installations should be carry out and
	b)	submit the report in Annexure-I Monthly downloading of LT consumers Upto & above 20 KW (all category) meter data through Common Meter Reading Instrument (CMRI), extracting the billing parameters and integrating the same in MR-9 format in the billing server of MSEDCL, as in Annexure – 4.
	c)	Analysis of Load Survey Data, Tamper Events, Billing & Instantaneous Parameters using tested and fool-proof Analysis software tools, and submit various analysis and exception reports as detailed in Annexure - 2 and 3.
2		<b>Scope of Activity: One-Time Survey of LT Meter Installations:</b> The following activities should be carried out as part of one timesurvey of all the consumers billed under LT category.
	a)	Physical verification of Meter Installation
	b)	Wiring verification
	c)	One Time Survey of Meter Installation
	d)	Voltage and Current measurement by Tong Testers/Multimeters
	e)	Downloading of meter data using CMRI
	f)	Creation and maintenance of Master data base of the consumers.
	g)	Submission of Analysis and Exception reports generated from the data collected from the field
	h)	Bill distribution to consumer end
2.1		<b>Physical Verification of Meter Installation :</b> This includes the following activities to be done at the consumer premises and the details need to be filled up in the survey Performa sheet as given in Annexure-1. The salient observations to be recorded are :
	a)	Electrical Hierarchy of the consumer; details of transformer, feeder and substation.
	b)	Consumers Number, Name and Address
	c)	Instantaneous values of all parameters as displayed by the meter and as measured by tong tester / Multimeters.
	d)	Condition of Meter Box, Meter Terminal cover and seals
	e)	Type of Meter Box – like plastic, wooden or proper meter box
	f)	Meter Particulars like Meter No., Make, Type, CT Ratio, Meter Constant, Year of Manufacture and Class of accuracy
	g)	Identification of Meter type – Static or Electromechanical
	h)	CT Particulars like CT Ratio, CT Make and CT Class
	i)	Calculations of MF and to cross check the same with the last month's bill of the consumer.

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**Seal and Signature of Tenderer**



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	j)	<u>Status of Meter condition including display, display button, MD reset button, CT/PT Terminations</u>
<b>2.2</b>		<b>Wiring Verification :</b> The phase sequence, phase association and CT polarity for the metering equipment will be verified in the field. The following are the fault conditions which can be encountered
	a)	PT Missing – Red / Yellow / Blue
	b)	Current Missing - Red / Yellow / Blue
	c)	CT polarity reversed - Red / Yellow / Blue
	d)	Phase Association Error – Interchanging of CT's
<b>2.3</b>		<b>Verification of the Meter Installation :</b> The exact status of the meter condition including physical appearance, Electrical Connections, Terminal Cover etc.
<b>2.4</b>		<b>Voltage and current measurement by Tong tester / Multimeters</b>
		Actual incoming phase voltages and currents should be measured using tong testers and multi-meters at a point beyond the meter terminal block, and compare the same with displayed voltage and current. By this test, one can find out the actual MF and any potential loose contacts in meter terminal block.
<b>2.5</b>		<b>Creation and Maintenance of Master Data Base :</b>
		Consumer master data base with all the particulars, as given in Annexure – 1, should be submitted to MSEDCL.
<b>2.6</b>		<b>One Time Survey Reports :</b>
		On completion of One-Time survey, detailed Analysis and Exception / Anomaly reports, as given in Annexure – 2 & 3 should be submitted to MSEDCL.
<b>3.0</b>		<b>Monthly LT Meter Data Downloading Activities :</b> The Scope of the work includes the following
	a)	Monthly Meter Reading / Downloading of Meter data through CMRI
	b)	Uploading the meter data to Base Computer
	c)	Submission of Billing parameters as per MR-9 format of MSEDCL
	d)	Submission of Analysis Reports
	e)	Submission of Exception / Anomaly Reports

**3.1 Meter Reading / Downloading of Data Through CMRI**

The agency should Read / Download data from various makes of meters installed as per the schedule of MSEDCL. The agency should download data from various makes of meter using CMRI conforming to CBIP specification TR-111 of May 1997. The meter data shall be provided to MSEDCL as per requirement for upload to MDAS on completion of the activity and the data downloads to be utilized for analysis and generation of reports. If any abnormalities / non communicating meters are found during the course of meter reading, the same shall be intimated to the concerned authority of MSEDCL within 48 hours.

**3.2 Extraction of Billing parameters & submission of data MR-9**


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**EE/CSRDN-1/TS/T-02/2024-25****format:**

The agency should have suitable software to convert the raw data extracted from L & T Secure and Elster make of meters and generate a flat file in ASCII format as per MR-9 billing format of MSEDCL. In case the meter is non-communicating, the relevant billing parameters need to be taken Manually from Display of Meter in MR-9 format. The parameters that are required in MR-9 format is given in Annexure-4.

<b>3.4</b>	<b>Exception / Anomaly Reports :</b> The agency shall carry out a detailed analysis of Instantaneous, Load survey and Tamper event data, and submit a detailed Analysis and Anomaly reports, clearly indicating the detects in metering systems, which would include
	a) Servere and Nominal PT Unbalances
	b) Servere and Nominal CT unbalances including reversal of CTs
	c) Identify consumers with very low load utilization
	d) Identify meters with load survey value is zero in all the slots
	e) Tamper Event Not Restored or occurring intermittently
	f) Extreme variations in power factor and demand
	g) Meters with high incidences of No-load / No-power
	h) Faulty meters
	i) Electro-mechanical / non-communicating meters which cannot be billed as per TOD tariff schedule

**4 Inputs / Assistance to be provided by MSEDCL**

MSEDCL will provide the following assistance to the agency Feeder wise/DTC Wise list of existing LT-CT operated special consumers of Industrial area with details of installed CT-PT set with Sl. No., Ratio, Class, Meter Make, Type, Class of LT-V TVM, Previous readings and Multiplying factor.

- All the meters shall be programmed for recording billed energy and resetting MD at 00.00 hours on the 1<sup>st</sup> day of the calendar month
- List of consumers directly fed through 400/220/132/66/33 KV substation and location of their meters.
- List of disconnected consumers, for which monthly readings are not applicable / required
- MSEDCL will provide the CMRI and BCS software for difference makes of electronic meters installed in MSEDCL.

<b>5</b>	<b>PENALTY :</b> If the work is not done / completed within the time limit, a penalty as below will be deducted from your bills.
	I For bogus/wrong reading, if complaint is made by consumer & same is established, penalty @ 50 time of rate payable to the agency without any upper limit.
	II The reading program shall be strictly observed & all the required reports should be submitted by the agency on the next day as per schedule program to concerned S/Dn. Office. Otherwise penalty @ Rs.1000/- per delayed day.

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**EE/CSRDN-1/TS/T-02/2024-25**

III The meter reader against whom FIR is filed will not be in any case employed by the agency. If found so there shall be provision in the tender condition to terminate his contract. If repeated mistakes are observed against the same agency, this shall be treated as utter failure of agency & FIR will be filed against agency and contract shall be terminated along with blacklisting to the agency.

	IV	If consumer submits complaint for wrong billing or any other reason in Grahak Manch, Consumer / Redressal forum / Hon'ble Court, penalty imposed by such authority will be deducted from your bill.
	V	You will have to give commencement letter for each P.C. to concerned Addl. Exe. Engineer & AE With date of starting & completing the work for charging penalty. Page 17...

6 **PAYMENT:-** The payment will be released on submission of bills after satisfactory completion of work and measurement recorded by concerned SDO in SAP . The said Sub Dn. Office shall forward the SES & Invoice along-with IT Reports Book to the Executive Engineer of respective Division office who in turn will make the payments. The payment to the Contractors shall be made through RTGS/NEFT as per H.O Circular No.31088 dt 10.10.2014 issued by Hon, M.D, MSEDCL. Mumbai

7 **The company reserves the right to accept and reject any bid, In this respect, the company will have un-disputed discretionary powers to accept such papers / documents after opening of technical bid .**

8 **MAINTENANCE OF FACILITY & PERSONNEL:** The successful bidder shall maintain all requisite facilities of its own as required to carry out site reading & data analysis of meters installed at the consumer premises & to validate, update & collect the related data of the consumes. You shall provide & maintain a controlling office at Aurangabad with proper staff, which shall remain open at all reasonable hours to receive communication. You shall maintain communication equipment's like telephone with fax, mobile phone, internet etc. for interaction with MSEDCL & others. You have to arrange for sufficient quantity of CMRI for efficient , proper and timely meter reading.

The person engaged for CMRI meter reading should be trained, well conversant with the work and polite. It is mandatory for employees for the agency to display valid Identity Card issued by the agency. You should provide a list of persons with Bio-data engaged by you to the concerned DYEE.

9 **TERMINATION OF CONTRACT :**In the event of failure of you to execute the work given in the contract to, the complete satisfaction of the MSEDCL authority or not done as per terms & conditions of this contract, MSEDCL shall have the right, at any time / stage to terminate the contract after giving notice of 7 (seven) days. In such circumstances, MSEDCL will either get done the remaining work departmentally or through any other agency

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EE/CSRDN-1/TS/T-02/2024-25

even at higher rate & can recover such amount due from the security deposit paid by you or any other bill(s) pending with any office of MSEDCL.

10

**JURIDICTION:**

Any disputes or difference arising under, out of or in connection with this tender or contract if concluded, shall be subject to the exclusive jurisdiction of the “Courts” in Chh. Sambhajinagar.

**Executive Engineer,  
MSEDCL, Rural-I Dn,  
Chh. Sambhajinagar**

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**EE/CSRDN-1/TS/T-02/2024-25**

**ANNEXURE – I**  
**Consumer Data Profile**

**The following details are to be collected from the field**

- a) Performa No: -
- b) Name of Circle: -
- c) Name of Division/Sub Division/substation
- d) Name of Feeder & Transformer
- e) Consumer No; consumer Name; Address
- f) Meter No.; Meter Make; Meter Class; Meter CT Ratio (A); Meter Constant
- g) Meter Type; Meter year of Mfg.
- h) Working status : Meter; Display; Display Switch; MD Reset Switch
- i) Status of Termination of CT Wire, PT Wire and Seal
- j) CT Make; CT Ratio (A); CT Class
- k) MF in Billing; Calculated MF
- l) CD (KVA)
- m) Cons Category; Industry Type
- n) No of Shifts; Time\_Shift1; Time\_Shift2; Time\_Shift3; Weekly off
- o) Contact person; Telephone No.; Mobile Number; Fax Number; Website  
/ Email-Id
- p) Capacitor Bank Capacity (KVAR)

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**EE/CSRDN-1/TS/T-02/2024-25**

- q) Generator Capacity (KVA); Generator Meter Availability
- r) Industry Status
- s) Download Status; Taken Status; Bill Collected Status

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**ANNEXURE – II**  
**Analysis Reports**

- a) Usage index : Usage of load with respect to average and contract demand
- b) Load Utilization: Actual usage of load in % slot wise with respect to contract demand.
- c) No load and black out : Percentage wise no load and black out slot wise
- d) PF Status Report : Percentage of PF slot wise
- e) Data wise report : Day wise consumption of KWH, KVAH, KVA
- f) Instantaneous Parameter: Instantaneous values of Voltage, Current, Power etc.
- g) Status of RTC : It shows the RTC is correct or not, wiring verification
- h) Exceed contract demand : Cases of maximum demand exceeding the contract demand.
- i) Tamper events report : Tamper occurred in that month and of the previous month
- j) Transaction events Report : Transaction events registered by meter
- k) List consumers : Entire list of consumers for whom the activity is carried out
- l) MD exceeds CD: Consumers whose maximum demand exceeded contract demand.

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**ANNEXURE –III****Exception / Anomaly Reports**

- a) PT Unbalance – Nominal; List of consumers whose phase voltage difference between two phases is 30 and above
- b) PT Unbalance – Server; List of consumers where any one of the phase voltage is less than 170 V.
- c) CT Unbalance – Server ; List of consumers whose Line Current is less than 1 A when the other phase current is more than 10 A
- d) CT Reversal: List of Consumers who's CT found Reversal when the PF is more than 0.5 lag.
- e) Very Low Load Utilization: List of consumers whose % of slots <20% of CD is 50 and above.
- f) Load survey Value is Zero in all the Slots: List of consumers who's every slot value in Load Survey Data is Zero.
- g) All the parameter values are Zero in Inst. Parameters : List out the consumers for whom all the instantaneous parameter values are zero even after the restoration of power
- h) Tamper event no restored: List of consumers where tamper event occurred but not restored (all tamper events occurred during the last three days from the date of reading are not considered).
- i) Tamper event occurred intermittently: List of consumers where Tamper Event occurred intermittently in the previous month and the duration is more than 24 hrs.
- j) Power Factor less than 0.5 for more than 50% of total used slots; List of consumers whose % of slots <0.5 PF is 50 and above
- k) Low Average Demand with Respect to Contract Demand: List of consumers whose average demand is less than or equal to 50% of contract demand.
- l) Maximum Demand Exceeded Contract Demand : List of consumers whose maximum demand exceeded contract demand
- m) High No Load and Blackout Slots: List of consumers whose sum of No. load and black out duration is 10% and above calculated for each slot.
- n) RTC Corrupted : List of consumers whose RTC found corrupted (RTC Drift is more than month)
- o) Meter Faulty : List of consumers whose meter found faulty (Even after getter the supply voltage, meter is not energized)
- p) Meter Display Problem : List of consumers whose meter display found problem (Clarity is not good)
- q) Electro Mechanical Meters: List of consumers whose meter are electro mechanical.
- r) Electronic Meters without Optical Port: List of Consumers whose meters are electronic, but it does not have optical port.
- s) Data Pro and Duke Arnicas Meter : List of consumers whose meter are either Duke Arnicas or Data Pro
- t) Meter with one TOD slot: List of consumers with only one TOD slot.

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**ANNEXURE –IV MSEDCL MR-9 format for Billing and TOD data, using CMRI**

Sr. No.	Starting Position	Column Specification	Width	Remark
1	0	Meter serial_ number	Char (8)	
2	8	Meter Make Code	Char (3)	MSEDCL to provide
3	11	Reading _ date	Date (8)	Format 'ddmmyyyy'
4	19	Reading _ time	Char (10)	Format HH:MM:SS
5	29	No of reset	Number (3)	
6	32	RY_ Volt	Number (6,2)	4 integer, 2 decimals
7	38	YB _ Volt	Number (6,2)	
8	44	BR _ Volt	Number (6,2)	
9	50	RN _ Volt	Number (6,2)	
10	56	YN _ Volt	Number (6,2)	
11	62	BN _ Volt	Number (6,2)	
12	68	RY _ current	Number (10,2)	8 integer, 2 decimals
13	78	YB _ current	Number (10,2)	
14	88	BR _ current	Number (10,2)	
15	98	RN _ current	Number (10,2)	
16	108	YN _ current	Number (10,2)	
17	118	BN _ current	Number (10,2)	
18	128	H _ KW	Number (15,3)	12 integer, 3 decimals
19	143	H _ KVA	Number (15,3)	
20	158	H _ KWH	Number (15,3)	
21	173	H _ KVAH	Number (15,3)	
22	188	H _ RKVAH	Number (15,3)	
23	203	S1 _ KW	Number (15,3)	
24	218	S1 _ KVA	Number (15,3)	
25	233	S1 _ KWH	Number (15,3)	
26	248	S1 _ KVAH	Number (15,3)	
27	263	S1 _ RKVAH	Number (15,3)	
28	278	S2 _ KW	Number (15,3)	
29	293	S2 _ KVA	Number (15,3)	
30	308	S2 _ KWH	Number (15,3)	
31	323	S2 _ KVAH	Number (15,3)	
32	338	S2 _ RKVAH	Number (15,3)	
33	353	S3 _ KW	Number (15,3)	
34	368	S3 _ KVA	Number (15,3)	
35	383	S3 _ KWH	Number (15,3)	
36	398	S3 _ KVAH	Number (15,3)	
37	413	S3 _ RKVAH	Number (15,3)	
38	428	S4 _ KW	Number (15,3)	
39	443	S4 _ KVA	Number (15,3)	
40	458	S4 _ KWH	Number (15,3)	
41	473	S4 _ KVAH	Number (15,3)	
42	488	S4 _ RKVAH	Number (15,3)	

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**EE/CSRDN-1/TS/T-02/2024-25****SAFETY PROVISIONS: -**

1. Adequate precautions shall be taken to prevent danger from electrical HT/LT installation. The contractor shall provide necessary safety equipment to protect his staff from accidents and shall be bound to bear expenses of defence of every suit, action, other proceedings at law that may be brought by any person for injury sustained owing to neglect of the above precautions and to pay any damages and costs which may be awarded in any such suit, action or proceedings to any such person or which may with the consent of the contractor be paid to compromise any claim by any such person.
2. All necessary personal safety equipment as considered adequate by the Engineer shall be available for use of persons employed on the site and maintained in a condition suitable for immediate use, and the contractor shall take adequate measures to ensure proper use of equipment by those concerned.
3. When work is done near any place where there is risk of drowning, all necessary equipment shall be provided and kept ready for use and all necessary steps taken for prompt rescue of any person in danger and adequate provision made for prompt first aid, treatment of all injuries likely to be sustained during the course of the work.
4. Persons responsible for ensuring compliance with the safety provisions shall be named therein by the contractor.
5. To ensure effective reinforcement of the rules and regulations relating to safety precautions, arrangements made by the Contractor shall be open to inspection by the Engineer or his representative and the Inspecting Officers.
6. Should any accidents, fatal or otherwise occur, a detailed report about the same shall be made promptly by the contractor to the Engineer-in charge. The contractor should at all time during the work keep the M.S.E.D.C.Ltd. Fully indemnified against all risks, claims, litigations and financial burdens arising out of all incidental operations on work and accidents.
7. Notwithstanding the above provision 1 to 7, the Contractor is not exempted from provisions of other Act or Rule in force.

EE/CSRDN-1/TS/T-02/2024-25

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.,  
RURAL-I DIVISION, CHH. SAMBHAJINAGAR  
PARTICULARS OF THE TENDERER**

S.N.	Particular	To be filled by the Tenderer
1	Name of the bidder	
2	Address of the bidder	
3	Telephone- Office	
4	Fax- office	
5	E-mail	
6	Contact person	
7	Constitution of firm	
8	Labour Licence No. and date	
9	PAN No.	
10	Provident Fund A/C No. and date	
11	ESIC No. and date	
12	Work contract Tax No. and date	
13	Banker's Name and Address	Bank Name: - _____ Branch: - _____ Account No: - _____ IFSC Code: - _____
14	No. of years of experience	
15	Particular of registration and class in which registered	
16	Any other information the Tenderer may desire to give.	

NOTE: Please attach certified true copies of all registration/approval.

EE/CSRDN-1/TS/T-02/2024-25

**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY LTD.,  
RURAL-I DIVISION, CHH SAMBHAJINAGAR.**

**E-TENDER NO.EE/CSRDN-1/TS/T-02/2024-25**

**TENDER FOR**

E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh. Sambhajinagar.

**VOLUME-I**

**TECHNICAL BID**

**EXECUTING AUTHORITY**

The Executive Engineer,  
Aurangabad Rural Division-I,  
Plot No J-13, Opposite to Garware Stadium  
Chikalthana MIDC  
Chh. Sambhajinagar

**Contact Person**

Addl. Executive Engineer  
Mobile No.7875764072  
Email :[eeaurangabadr1@ho.mahadiscom.in](mailto:eeaurangabadr1@ho.mahadiscom.in)  
[eeaurangabadr1@gmail.com](mailto:eeaurangabadr1@gmail.com)

**EE/CSRDN-1/TS/T-02/2024-25**

LETTER TO THE EXECUTIVE ENGINEER  
(ON BIDDER'S LETTERHEAD)

To,  
The Executive Engineer,  
Aurangabad Rural Division-I,  
Plot No J-13, Opposite to Garware Stadium,  
Chikalthana MIDC, Chh Sambhajinagar  
Dear Sir,

We have read the tender document of tender no: **EE/CSRDN-1/TS/T-02/2024-25** carefully and we are fully agree with the tender terms & conditions.

We agree to carry out the works mentioned in the above tender at the rates herein tendered by us subject to the conditions of the tender which we have carefully read and thoroughly understood the same.

We hereby agree to keep this offer open for 90 days after the returnable date of the tender and shall be bound by communication of acceptance dispatched within the prescribed time.

Thanking You.

Yours faithfully,

Date: -    /    /2024.

Name and address of the tenderer

**Seal and Signature of  
Tenderer**

EE/CSRDN-1/TS/T-02/2024-25

EE/CSRDN-1/TS/T-02/2024-25

E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW with AMR/MRI Compactible meter under PC-0 under Chh. Sambhajinagar R-II Sub-division of Rural-I Division Chh. Sambhajinagar

**SCHEDULE "A"**

Sr. No.	Particular	Unit	Rate (Rs./Consumer/Month)		Rate to be quoted by Tenderer
			MIDC & Municipal corporation area	Other area	
1	Downloading of meter reading data through CMRI/laptop provided by agency with temper & load survey data and uploading to M-DAS for all CMRI compatible /solar net meters including import/export reading	Per cons	100/-	120/-	<p>----- %</p> <p>Below</p> <p>----- %</p> <p>Above</p> <p>At Par</p>
2	Downloading of meter reading data through CMRI/laptop provided by MSEDCL with temper & load survey data and uploading to M-DAS for all CMRI compatible /solar net meters including import/export reading	Per cons	85/-	105/-	
3	Recording of meter reading on MR-9 sheet slot/zone wise, voltage/Current & punching, If meter is not compatible to CMRI/AMR/ Solar net Meter	Per cons	30/-	40/-	
4	Bill printing on both sides of pre-printed stationery provided by MSEDCL	Per cons	0.60/-	0.60/-	
5	Bill Distribution & Acknowledgement receipt of delivery to consumer	Per cons	15/-	20/-	

❖ The above rates are exclusive of GST.

❖ Ready to work at lowest parallel rate - Yes / No.

Date: - / / 2024

Place: -

Name and address of the Tenderer

Seal and Signature of Tenderer

Seal and Signature of Tenderer

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LIST OF SERVICES

SR. NO.	SERVICE NAME	ACTIVITY NUMBER	UOM	SAC CODE	REQ. QTY	VERSION	MATERIAL TYPE
1	40402412 Meter Reading through	ADM 070	Activity unit	998514	1000		null

## Required Documents (To be uploaded online)

Sr. No.	NAME	SECTION	ITEM	DESCRIPTION
1	PRICE BID T-02	Price Section	40402412 Meter Reading	E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW
2	TECH T-02	Technical Section	40402412 Meter Reading	E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW
3	TECH T-02	Commercial Section		E-tender for Annual Contract for Monthly Meter Reading through CMRI of LT consumers having load above 20 KW & Load below 20KW