

Tender Details		07-08-2024 05:00:49
Tender Code	SE/JLG/T-07/2024-25	
Tender Type	Works Tender	
Type Of Bid	Two Bid	
Description	Tender for Preventive Maintenance of Substations in Jalgaon Circle, Jalgaon Zone.	
Estimated Cost (In Lakhs)	100	
Basis of prices	NA	
Tender Validity	NA	
Delivery Requirement (In Months)	NA	
Tender on rate contract basis	NO	
Tender Fee (In INR)	5000	
GST In INR (@18% on Tender Fee: SAC No.	900	
Total Tender Fee Amount including GST in INR.	5900	
Contact	V B Khandare , 7030440084 ,sejalgaon@mahadiscom.in	
Pre-Qualifying Req	As per Tender Terms and conditions	
Budget Type	NA	
Scheme Code	null	
Scheme Name		
Department	Technical	
Office Type	CIRCLE	
Location Type	Jalgaon Circle	
Designation	Executive Engineer(Distribution)	
Pre-Bid Meeting Address	Office of the Superintending Engineer, Maharashtra State Electricity Distribution Co. Ltd. Old MIDC, Ajantha Road, Jalgaon Dist.- Jalgaon , Pin 425003 (Jalgaon Circle)	
Bid Opening Address	ONLINE	
Version No	1	
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	08-08-2024 00:00	
Tender Sale End Date	22-08-2024 15:00	
Bid Start Date	08-08-2024 00:15	
Bid End Date	22-08-2024 16:00	
Pre-Bid Meeting Date	12-08-2024 11:00	
Techno-Commercial Bid opening on	22-08-2024 17:00	

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 LIMITED**



TENDER DOCUMENT

Tender for Preventive Maintenance of Substations in Jalgaon Circle, Jalgaon Zone.

(SE/JLG/T-07/2024-25)

<https://etender.mahadiscom.in/eatApp/>

Office of the Superintending Engineer,
Maharashtra State Electricity Distribution Co. Ltd.
Old MIDC, Ajantha Road, Jalgaon
Dist.- Jalgaon , Pin 425003
(Jalgaon Circle)

Web site: - www.mahadiscom.in , Email: sejalgaon@mahadiscom.in

Estimated cost : Approx. Rs. 100 Lakhs

E.M.D. Rs. 50000/- (Rs. Fifty Thousands only)

SECTION-I

BID INVITATION

1. Introduction

The Maharashtra State Electricity Distribution Company Ltd. (MSEDCL), represented by the Superintending Engineer, Jalgaon Circle wishes to intend for "Tender for ***Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone*** for 12 months from the date of issue of order for FY 2024-25 and as described in the Bidding Data under single point responsibility **"Partial Turnkey Contracts"**.

2. Brief description for the Bidding Process:

- a. The Superintending Engineer, ***Jalgaon Circle*** on behalf of MSEDCL, invites eligible bidders to submit a bid in accordance with the provisions of this Tender Document. In this Tender Document, the term "Bidder", which expression shall, unless repugnant to the context, include all parties who have submitted bids in response to this Tender Document within the stipulated time frame for submission.
- b. The Bidders shall submit the bids in two parts by following e-tendering process as described in Bid document. First part comprises of the technical bid and the second part comprises of the Financial/ price bid in accordance with this Tender Document.
- c. Bidder shall not upload Financial/price bid with technical bid documents together. Such bid may be rejected and bidder shall be disqualified from the bidding process.
- d. In terms of the Tender Document, a Bidder will be required to deposit, along a bid security as Earnest Money Deposit (EMD).
- e. MSEDCL will open the technical bids of all bidders and price bids will be opened afterwards of only technically qualified bidders.
- f. The Bidder's Names, Bid prices and the submitted or non submitted of the requisite documents and such other details as MSEDCL, at its discretion, which may consider appropriate will be announced at the time of opening.

BIDDING INFORMATION

1	Tender Reference No.	SE/JLG/T-07/2024-25
2	Sale of Tender Form on weblink	08.08.2024to 22.08.2024
2	Last date & Time for submission of Bids	22.08.2024, 15:00 Hrs
3	Date of Pre-Bid Meeting	12.08.2024, 11.00 Hrs All Bidders are requested to kindly attend the pre bid meeting to submit their respective queries and suggestions.
4	Date & Time of opening of Technical Bid	22.08.2024, 16:00 Hrs
5	Address for communication and Venue for Tender opening	(sejalgaon@mahadiscom.in) email id of Nodal officer i.e. Exe.Engr (ADM)shall be given and only communication to this email id would be valid communication.) Office of the Superintending Engineer, Maharashtra State Electricity Distribution Co. Ltd. Old MIDC, Ajantha Road, Jalgaon Dist.- Jalgaon , Pin 425003 (Jalgaon Circle)
6	Tender processing fee	Rs. 5000/- + 18 % GST as applicable (Non-refundable & Non Transferable)
7	Earnest Money Deposit (EMD)	Rs. 50,000/- only(can be paid by either online ; or through RTGS in bank account number 20024902956 of Bank of Mahatrashta IFS Code MAHB0000004) & e-mail details to seniormanagerfajalgaon@gmail.com contact cashier for receipt on 7972649158
8	Performance Bank Guarantee in lieu of Security Deposit	The successful bidder shall furnish the performance Bank guarantee within 14 calendar days from the issue of the offer letter in the form of

		<p>an unconditional and irrevocable Bank Guarantee for an amount of 5 % of Contract Value</p> <p>(Contract value means total estimated cost divided among the total qualified bidders)</p> <p>denominated solely in INR payable and claimed at Jalgaon(Place) issued either by a Nationalized or Scheduled Bank located in Maharashtra & acceptable to MSEDCL and valid for the period for 1 years.</p>
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Note:

1. The tenders shall be opened strictly online **The date & time of opening of Price Bid will be informed by an e-mail.**
2. **The contract is valid for 12 month but may be extended up to 1 year if required at the discretion of MSEDCL only.**
3. Eligible bidders shall upload the Bids through e-tender portal of MSEDCL: <https://etender.mahadiscom.in/eatApp/> details can be obtained from <https://www.mahadiscom.in>.

SECTION-II

INSTRUCTION TO BIDDERS

The **Superintending Engineer**, Jalgaon Circle on behalf of MSEDCL invites bids from eligible bidders for tender of preventive maintenance

Scope of Contract:

The Scope of contract is as below:

- a) To carry out ***Preventive Maintenance of Substations***, under the jurisdiction of Jalgaon Circle; major material required under contracts as per list enclosed (Annexure C) shall be supplied or provided by MSEDCL; and agency will have to supply minor items of consumable nature only as listed in Annexure D.
- b) In case any major material if not available with MSEDCL the same shall be supplied by the agency at the prevailing cost data of MSEDCL together with price indexing, if applicable.
- c) Detailed execution Plan for timely implementation of work is to be submitted by the agency immediately after allotment of work.
- d) The selected bidder shall have his Office within the jurisdiction of the works for attending the work or meet out the emergency services.
- e) **The contract is valid for 12 month but may be extended up to 1 year if required at the discretion of MSEDCL only.**
- f) Bids shall be completed and cover all Works described in the price schedule. Any item of works required for complete usable system shall be deemed to be included in bidder's scope irrespective of whether it is specifically mentioned or not in the price schedules, the same can be brought to notice of Tendering authority during Pre-Bid meeting.
- g) Bidder should note that obtaining permissions from statutory bodies wherever required for execution of works, shall be entirely in bidder's scope. However, MSEDCL will extend its support for obtaining these permissions on best effort basis.
- h) Partial bids, or bids which do not cover the entire scope of the works will be treated as incomplete and "not responsive" to the terms and conditions of bidding and are liable to be rejected.

1. Eligibility and qualifying criteria:

The Bidder shall meet following minimum eligibility criteria for participation in the bid.

(a) Technical Qualification:

- (i) The bidder must have at least 3 years experience as a licensed Electrical agency in construction, erection, testing, commissioning and maintenance of substations / switching station.
- (ii) The Bidder should have specific experience of execution of turnkey or partial turnkey contracts (33/11 kV Switching station or Substation maintenance) including civil works, supply of equipment, erection, testing & commissioning during the last 5 years for 11kV, 33kV or above level substation / switching station works as given below-
 - a) One work/order/Contract comprising of 33/11 kV Switching station or Substation related works; equivalent to at least 20% of the estimated cost of the tender.
 - b) Or Two work order/Contract together comprising of 33/11kV Switching station or Substation related works; equivalent to at least 25% of the estimated cost of the tender.
 - c) Or three order/contracts together comprising of 33/11 kV Switching station or Substation related works; equivalent to at least 30% of the estimated cost or the tender in any sector during the last preceding five financial years.(Bidder should note that the actual value of works executed during the preceding five financial years mentioned herein shall only be considered).Bidders shall provide such evidence of their eligibility satisfactory to the Employer, as the Employer shall request.
 - d) The bidder must enclose the experience certificate for satisfactory completion of works indicating value / cost & period for satisfactorily completion of such type of works in MSEDCL or any other power utility companies. The certificate should be signed & endorsed by the officials or in case of MSEDCL the person should be not less than the cadre of Ex. Engineer O&M Division. **Please do not enclose any work order copies.**

All the components of electrical works mentioned above should be in successful operation for at least one (1) year as on date of submission of bid;

- (iii) Work experiences of the bidder mentioned as per above in (ii) shall be considered only if the works have been executed under Govt./semi-Govt./autonomous body of Central/State Govt./Electricity Power

Utility/ Public works, Distribution franchisee appointed by MSEDCL and under Dedicated Distribution Facility (DDF) scheme work approved by MSEDCL. The work experience under DDF scheme will be considered only if approved by Competent Authority in MSEDCL i.e. concerned Executive Engineer / Superintending Engineer.

- (iv) The Bidder should deploy sufficient man power for carrying out the maintenance work, however the agency should provide the manpower at least as mentioned in Annexure-A
- (v) The Bidder should have provide necessary Tool & Plants for these works, minimum requirement for which is as per Annexure-B.

(b) Financial Qualification:

- (i) The bidder should have an average annual financial turnover of 30% during last consecutive 3 financial years.
- (ii) The bidder shall have a **positive net worth**.
- (iii) The Bidder should have valid GST/PAN Registration Certificate.
- (iv) The Bidder should have valid PF Registration
- (v) The Bidder should have taken Group Insurance Cover for his Employees.

2. Instructions to bidders:

- (i) (a) All bids must be accompanied by EMD as specified in the Tender Notification (Section-I) and uploaded on or before the prescribed date and time given in Section-I of this document. Bids submitted without EMD will be summarily rejected. Bidder shall upload the required documents through electronic mode only as part of their proposal.
- (b) The Bidder shall also upload copies of
 - (i) Central and State GST registration Certificate
 - (ii) PAN issued by appropriate authority.
 - (iii) Income Tax returns of previous three assessment years.

- (ii) The Bid uploaded by the Bidder and all correspondence and documents in relation to the bid shall be in English Language. For more details refer Clause 6 of this section.
- (iii) Bidders are not allowed to participate in the bid on consortium basis.
- (iv) Bidder should upload only those documents which are asked to be uploaded in the Tender document.
- (v) Technical proposal which are submitted by non qualified bidder or which are evaluated to be “non responsive” will be rejected and shall not be considered for detailed technical evaluation.
- (vi) Only bids conforming to minimum eligibility criteria and found to be technically responsive will be taken up for further evaluation. During evaluation of Bids, MSEDCL, may, at its discretion, ask the bidders for clarification of their proposals.
- (vii) The bidder shall quote their rates considering market and site condition and variation in price index etc. The quoted rates by the bidder shall remain the same.
- (viii) MSEDCL will not entertain any claim at any stage from successful bidder on the plea of not having sufficient acquainted himself as to site condition before submitting price bid etc.
- (ix) Financial bid of the technically qualified bidders to be opened on selected date and the place intimated to technically qualified bidders through e-mail.
- (x) **Offers by matching prices with lowest acceptable bidder:**

Matching exercise first will be carried out for bidders who gave consent to match the L-1 offered rate in the price bid as optional documents. The bidder who has not given consent letter in the price bid will not be considered in first round. But if enough bidders are not available then MSEDCL, at its discretion, can ask other bidders to match the price of L-1

3. The Letter of Intent (LOI) shall be issued to the L-1 bidder and bidders who match the L1 Bid. If minimum number of desired agencies is not available at L1 price, MSEDCL may at its discretion eligible agencies who have quoted L2 and L3 to minimum required agencies in that area.
4. The LOI order and/or work order are not transferable. Subletting is not allowed.

5. MSEDCL reserve rights

- (a) To reject or accept any or all bids wholly or partly without assigning any reason on the ground considered advantageous to MSEDCL.
- (b) To decide works to be awarded to eligible bidders subject to general principle that bidder who has quoted L1 should ordinarily not get less works than others including who matches their price with L1 if there is no deficiency in their work.

6. Language of Bid:

The Bid shall be uploaded in English Language. Supporting documents and printed literature which are in another language shall be accompanied by an accurate translation in the English language duly authenticated and certified by the bidder.

7. Documents Comprising the Bid:

The Bid prepared by the Bidder shall be uploaded in 'Two parts viz. Technical Bid and Financial Bid. Bids shall be electronically submitted online in the E-tender platform and the documents shall be scanned and uploaded along with Bid.

Part-I: Technical Bid

Bidder shall submit relevant certificates to demonstrate the financial, technical capabilities & eligibility criteria prescribed under this Tender Document. In this regard the Bidder shall upload following minimum documents/information (form of consent of Lowest matching offer is optional) for technical and financial evaluation.

- i. Firm's Profile at a Glance(Appendix-I(A))
- ii. Financial Status (Appendix-I(B))
- iii. Experience (Appendix-II)
- iv. Form of consent of Lowest matching Offer (Appendix-III)(optional)
- This document is optional. For its use, please refer to clause no 3(x) of instructions to Bidders.
- v. Form of Earnest Money Deposit / Bid Security (Appendix-IV)

Part-II: Financial bid

- (i) The bidder shall submit the price schedule as furnished in the tender document. Each entry in the price bid form should be filled.

- (ii) The bidder shall quote the rates above/below the scheduled rate. Taxes as applicable will be paid extra.
- (iii) Prices shall be quoted in Indian Rupees only.
- (iv) For Technical specifications and Cost Data, Please refer MSEDCL website i.e. <https://www.mahadiscom.in/supplier/#> .
- (v) Any Financial Bid uploaded with conditions different from the tender specification will be rejected.

8. Earnest Money Deposit (E.M.D.):

- a) The Bidder shall furnish along with the Technical Proposal, an E.M.D. of **Rs. 50,000 (Rs. Fifty Thousand only)**. Payable either by DD in favour of MSEDCL or in the form of account transfer through RTGS/NEFT into Bank of Maharashtra Branch Jalgaon Circle 20024902956 of Bank of Maharashtra IFS Code MAHB0000004) & e-mail details to seniormanagerfajalgaon@gmail.com contact cashier for receipt on 7972649158 in the form of Bank Guarantee as per Appendix-IV.
- b) Any bid not accompanied by an acceptable E.M.D. shall be rejected by MSEDCL as non-responsive.
- c) The E.M.D. of the successful bidder will be returned when the bidder has signed the Contract Agreement and furnished the required Performance Bank Guarantee.
- d) The E.M.D. of the unsuccessful bidders will be returned as promptly as possible, after finalization of tender.
 - (i) If a Bidder withdraws his Bid during the period of Bid validity Specified by the Bidder on the Bid Form its E.M.D. will be forfeited.
 - (ii) If the successful Bidder fails to furnish performance security in accordance with Clause 21 of this Section - II of this Section, its EMD will be forfeited.

9. Period of Validity of Bid:

- a) Bids shall remain valid for 60 days after the date of opening of Technical Bid. A Bid valid for a shorter period shall be rejected by MSEDCL as “non-responsive”.

- b) In some circumstances, MSEDCL may solicit the Bidder's consent to extend the period of validity. The consent for extension, if any, shall be given in writing. The EMD provided under clause (9) of this Section – II above shall also be suitably extended. A Bidder extending the bid validity will not be permitted and modify its original bid.

10. Amendment to Bid document:

- a) At any time prior to the deadline for submission of bids, MSEDCL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Bid documents by issuing addenda.
- b) Any addendum thus issued shall be treated as part of the Bid documents pursuant to Sub-Clause (a) above and shall be communicated through the website: - <https://etender.mahadiscom.in/eatApp/>

11. Format of Bid

- (i) The bid shall be signed by a person or persons duly authorized to sign on behalf of the bidder. The bidder shall submit declaration to confirm that he has read and accepted all the contents and conditions contained in entire bid document including financial bid containing price proposal.
- (ii) Bidder must give clear page numbers to each page of his offer and a detail index should be provided indicating the page numbers for each relevant document comprising his offer. Checklists for documents and data to be furnished by the Bidders have been given in the Bid document separately for Technical Proposal and Price Proposal. Bidders must fill in these checklists clearly indicating whether corresponding document is submitted or not and if submitted, the relevant page number. If a document is not found at the corresponding page number given in the index, it will be concluded that the said document is not submitted by the Bidder.

12. Mode of submission of bids:

- (i) The Bids shall be submitted electronically through the e-tender portal only.
- (ii) Bids sent by any other mode like in person, post, e-mail will not be considered & rejected.
- (iii) MSEDCL may at its discretion require any Bidder to submit the hard copy of any of the document submitted on e-tender platform.

13. Submission of Bids:

The bidder shall scan all the documents forming part of the bidder's Technical Proposal and price proposal, and convert the same into PDF format. The size of the Technical Proposal/Price Proposal in PDF format shall not exceed 5 MB. In case the size of the PDF document exceeds 5 MB, the PDF document shall be split up into suitable number of files of size of 5 MB or less each. There after each file shall be numbered as "Tech_(Number & Name of Document).pdf". Then these files shall be digitally signed using the software provided by MSEDCL during registration of the bidder. The digitally signed document files shall be uploaded by the bidder on the "e-tendering" web site of MSEDCL.

14. Deadline for Submission of Bids:

- (i) Bids must be uploaded by the bidder through e-tender process not later than the time and date specified in the invitation for Bids.
- (ii) The MSEDCL may, at the discretion, extend this deadline for submission of bids by issuing an addendum.

15. Acceptance or Rejection of Bids:

- (i) MSEDCL reserves the right to accept or reject any bid or all the bids and to annul the bidding process and reject all bids at any time prior to award of contract, without thereby incurring any liability or any obligation to inform the affected bidder or bidders of the grounds for the said action.
- (ii) Incomplete bid or Bid with incomplete information/Documents or bid which is not substantially responsive as determined by MSEDCL are liable for rejection.

16. Preliminary Examination of Price Bid:

Upon examination of bid, Arithmetical errors found if any will be rectified on the following basis.

- (i) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
- (ii) If there is a discrepancy between words and figures, the lower of the two will prevail. If the Bidder does not accept the correction of errors, his bid will be rejected.

17. Opening and Evaluation of Proposals:

a) Opening of Pre-Qualification cum Technical Proposals:

- (i) MSEDCL will open the Technical Proposals on the date and time designated in the E-Tender Notice/ Bid Document.
- (ii) The time and date of the opening of the Price Bids will be informed through an email to technically qualified bidders.

b) Examination of Technical Proposals and Determination of Responsiveness:

- (i) A technical/ tender committee shall evaluate the Bids submitted by bidders for a detailed scrutiny. During evaluation of Bids, MSEDCL, may, at its discretion, ask the bidders for clarification of their proposals.
- (ii) Notwithstanding the above, MSEDCL reserves the right to accept minor deviations which do not materially affect the substantial responsiveness of the Bid, whose rectification would not affect unfairly the competitive position of other bidders, and which can be rectified after award of contract without change to the price, scope, quality or performance of the Works.

c) Clarification of Technical Proposals and Contacting MSEDCL:

- (i) MSEDCL can seek any clarification / document required for technical qualification before opening the Price Bid. The bidder to submit the clarification regarding the documents submitted with the Technical Proposal, same shall be uploaded on the portal or to be submitted by e-mail.
- (ii) Any effort by the bidder to influence MSEDCL in evaluation of Technical Proposals, bid comparison or MSEDCL decisions on acceptance or rejection of bids may result in the rejection of the bidder's bid and forfeiture of the bid security in accordance with the provisions.

d) Financial Evaluation:

The "Price bids" of only those bidders shall be opened, who qualifies the **"Prequalification cum Technical Bid"**. The price bids of the eligible bidders will then be evaluated in the manner provided below.

e) Determination of the Lowest quoted price against the scope of work

- (i) The evaluation for lowest offer will be done based on the percentage rates quoted by the Bidders against the price schedule, and accordingly L-1 Bidder shall be determined. MSEDCL at sole discretion, if found necessary, may negotiate the offer with “ L-1 bidder”.
- (ii) In case of rate quoted in words and figure are different, the lowest of the two which is beneficial to MSEDCL shall be considered.

f) Offers by matching prices with lowest acceptable bidder:

On declaration of the L-1 bidder, exercise of matching prices shall be carried out as below;

- (i) In first instance, bidders who have given optional consent (Appendix-III), in technical proposal would automatically be considered as bidders matched with L1 and would be considered as eligible.
- (ii) If sufficient number of bidders are not available at L1 after considering optional consent, MSEDCL may invite the remaining successful bidders who have not given their consent to match the quote of the lowest acceptable L-1 Bidder.
- (iii) MSEDCL reserves the rights to select the agencies at its sole discretion subject to them matching the quote with the L-1 Bidder. *MSEDCL* may at its discretion also select bidders who have quoted L2, L3 if not enough agencies are available at L1.

18. Notification of LOI

- (i) Prior to expiration of the period of bid validity prescribed by MSEDCL, MSEDCL will notify the successful bidder, that his bid has been accepted to carry out ***Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone***, for 12 months on the rates offered by him.
- (ii) Upon notification of tender as above MSEDCL will promptly notify the other bidders that their bids have been unsuccessful.
- (iii) After tender finalization, the work orders will be issued separately to the eligible agencies as and when required for carrying out Substation Preventive maintenance work through work portal.

19. Signing of Contract

- (a) Along with notification of LOI, MSEDCL will send the bidder the Form of Contract, incorporating agreement between the parties.
- (b) Within 14 days of receipt of the Letter of Intent, the successful bidder shall sign the Form of Contract on Stamp Paper (non-judicial) borne by the bidder as per the rate specified in Bombay Stamp Act 1958 and submit it to MSEDCL as per the format provided separately.
- (c) The incidental expenses of execution of agreement shall be borne by the successful Bidder(s).

20. Performance Bank Guarantee (PBG) in lieu of Security Deposit:

- a) The successful bidder shall furnish the performance Bank guarantee within 14 calendar days from the issue of the LOI offer letter in the form of an unconditional and irrevocable Bank Guarantee for an amount of **5 % of Contract Value (Contract value means total estimated cost divided among the successful bidders who have been eligible)** denominated solely in INR payable and claimed at Jalgaon Circle issued either by a Nationalized or Scheduled Bank located in Maharashtra and valid for the period for 1 years from the date of LOI.
- b) The defect liability period of the works including the material shall be 1 year from the month of commissioning which includes free replacement of defective/ non-working/ faulty/ malfunctioning allied materials within Contractual period till completion **of guarantee period of 1year from the date of its commissioning.**
- c) **Prior to making a claim under the Performance Bank Guarantee,** MSEDCL or MSEDCL representative shall, in every case, notify the Agency stating the nature of the default for which the claim is to be made.

21. Forfeiture of Performance Bank Guarantee

- (a) **The performance Bank Guarantee** submitted in lieu of security deposit specified in the **clause 20** will be liable to be forfeited if
 - (i) The agency fails to initiate the works after issuing of work order or
 - (ii) The progress of works lagging behind the desired progress of works as mentioned in work order or

- (iii) The contract is terminated due to the reasons attributed to the agency or
- (iv) The quality of material is not as per standard or if the works is not carried out as per standard method of construction, or not observing the rules and regulations.
- (b) The performance bank Guarantee shall not be forfeited unless reasonable opportunity of being heard has been given to the party.

22. Corrupt or Fraudulent Practices

- a) The Maharashtra State Electricity Distribution Company Ltd. requires that the bidders observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, MSEDCL defines for the purposes of this provision, the terms set forth as below:
 - (i) **“corrupt practice”** means behaviour on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves and/ or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and
 - (ii) **“fraudulent practice”** means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of MSEDCL, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive MSEDCL of the benefits of free and open competition.
- b) MSEDCL will reject a proposal for award if it finds out that the bidder recommended for award is engaged in corrupt or fraudulent practices in competing for the contract in question;
- c) MSEDCL will declare a firm ineligible, either indefinitely or for a specific period of time, for award of an MSEDCL contract if at any time if it is found that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, an MSEDCL Assignment.

23. Change in Laws and Regulations

If, after the date seven (07) days prior to the date of Bid Opening, any law, regulation, ordinance, order or by-law having the force of law is enacted, promulgated, abrogated or changed in India (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the costs and expenses of the Agency and/or the Time for Completion, the Contract Price shall be correspondingly increased or decreased, and/or the Time for Completion shall be reasonably adjusted to the extent that the Agency has thereby been affected in the performance of any of its obligations under the Contract. However, these adjustments would be restricted to direct transactions between MSEDCL and the Agency and not on procurement of raw materials, intermediary components etc. by the Agency for which MSEDCL shall be the sole judge. Notwithstanding the foregoing, such additional or reduced costs shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable to the Contract Agreement.

24. Process for allocation of agencies division wise at circle level:

- (i) The **allocation of agencies** for the preventive maintenance of switching stations shall be done by Superintending Engineer after finalization of tender.
- (ii) The Superintending Engineer will allocate 3 to 5 Nos. of agencies for each Division depending as per MSEDCL's requirements.
- (iii) The Superintending Engineer will give division wise allotment of agencies.
- (iv) The detail work order for carrying out the preventative maintenance work at switching station shall be given by the respective division through ERP only.
- (v) After completion of work, the agency should submit the bill through ERP and upload the checklist and photographs with Geo-Coordinates in the system.
- (vi) The area allotted to work (division) to the eligible agency may be changed at discretion of MSEDCL. The services of the eligible agency may be utilized by MSEDCL in nearby O&M division within the same circle where needed and in nearby circles during emergencies like major breakdown, flood ,natural calamities with the consent of Agency .
- (vii) The Executive Engineer (ADM) will be the Nodal officer and single point communication person for this contract. For all communications please refer e-mail ID given in section-I.

SECTION – III

GENERAL CONDITIONS OF CONTRACT (GCC)

The following are the General Conditions of Contract.

In this Contract, the following terms shall be interpreted as indicated:

1. Definitions

In the Contract (as defined below) the words and expressions defined below shall have the meanings assigned to them, except where the context requires otherwise:

- i. **"Commencement Date"** means the date of issue of LOI order by the concern Superintending Engineer.
- ii. **"Commissioning"** means completion of work & putting the facility/ System in the successful operation. The term "Commissioning" is synonymous with the term "Energization", as commonly used in the Industry.
- iii. **"Contract"** means the agreement if any to be entered into by MSEDCL with the agency and shall include these Conditions of Contract, MSEDCL Requirements, the Tender, the Agency's Proposal, the Schedules, the Letter of Award and such further documents as may be expressly incorporated in the Letter of Award or Contract Agreement (if completed) and any further conditions which may be specifically agreed to between the parties as forming the part of contract.
- iv. **"Contract Period"** means the period from the Commencement Date to the date of completion of LOI period.
- v. **"Contract Price"** means the sum stated in the Letter of award as payable to the Agency for the execution, testing, commissioning of the Works and the remedying of any defects in accordance with the provisions of the Contract, including guarantee of the Works and plant during the defects liability period.
- vi. **"Agency/ Agency"** means the entity supplying the goods and services under this contract.
- vii. **"Agency's Equipment"** means all machinery, apparatus and other things (other than Temporary Works) required for the

execution, completion and guarantee of the Works and the remedying of any defects, but does not include Plant and Equipment, Materials, or other things intended to form or forming part of the Permanent Works.

- viii. **"Agency's Representative"** means the person (if any) named as such in the Contract or other person appointed from time to time by the Agency.
- ix. **"Defect"** means any part of the Works not completed in accordance with the Specifications and terms and conditions of Contract, including any Works or part thereof which becomes faulty during the Guarantee (Defects Liability) Period.
- x. **"Defect Correction / Liability Period"** means the period for correction of the Defect by the Agency, beginning from receipt of the Notice of Defect from MSEDCL by the Agency and extending up to days thereafter.
- xi. **"Defect Notice Period"** means the period after observation of the Defect within which MSEDCL should notify the Agency about the Defect. Notification of the Defect will normally be made immediately after its observation.
- xii. **"Agency" means the** person whose Bid has been accepted by MSEDCL and the legal successors in title to such person, but not (except with the consent of MSEDCL) any assignee of such person.
- xiii. **"Employer's Requirements"** means the description of the scope, standards, design criteria (if any) and program of work, as included in the Contract, and any alterations and modifications thereto in accordance with the Contract. The Conditions of Contract, Technical Specifications, Drawings, Appendix to tender and all other information contained in the Bid documents form an integral part of MSEDCL Requirements.
- xiv. **"Final Work Completion Certificate"** means the certificate issued by MSEDCL Representative upon satisfactory completion of the Guarantee responsibilities.

- xv. **"Guarantee"** means the supply of all things necessary so as to remedy any defects in workmanship, materials, plant and equipment and guarantee proper operation of the constructed facilities for the period of 1 year after completion of the Works, all in accordance with the conditions of the Contract.
- xvi. **"Guarantee Period"** means the time as stated in the Appendix to Tender for guaranteeing the Plant, Equipment, and Materials against defects in materials, workmanship and manufacturing defects, calculated from the date upon which the entire Works (completion and commissioning of all the useful Sections in all respect) have been completed as certified by MSEDCL Representative. The term "Defects Liability Period" is synonymous with the term "Guarantee Period".
- xvii. **"Inspecting Authority"** shall mean any Engineering person or personnel authorized by MSEDCL to supervise and inspect.
- xviii. **"Letter of Intent / award"** means the formal acceptance by MSEDCL of the tender. The term "Letter of Intent / award" is synonymous with the term "Notice of Intent / Award".
- xix. **"Materials"** means things of all kinds (other than Plant) to be provided and incorporated in the Permanent Works by the Agency, including the supply-only items (if any) which are to be supplied by the Agency as specified in the Contract.
- xx. **"MSEDCL"** means Maharashtra State Electricity Distribution Company Limited; a company incorporated under the Company's Act 1956 after the restructuring of the erstwhile Maharashtra State Electricity Board having its registered office at Plot No. G-9, Prakashgad, Bandra (East), Mumbai 400 051.
- xxi. **"MSEDCL Representative"** means the person appointed by MSEDCL to act as Representative for the purposes of the Contract and named as specified, or other person appointed from time to time by MSEDCL and notified as such to the Agency.
- xxii. **"Rate Contracts"**: The Rate Contract is a contract under which, during the period of its currency, the agency engages to

supply materials on demand, irrespective of quantity, at fixed unit rates or prices, within a given period of the receipt of such demand.

- xxiii. **"Site"** means the places provided by MSEDCL where the Works are to be executed at the locations identified and to which Plant/substation and Materials are to be delivered and any other places as may be designated in the Contract as forming part of the Site.
- xxiv. **"Specifications"** mean and include collectively all the terms and stipulations contained in the bid document including the Conditions of Contract, technical provisions and annexure thereto, addenda and lists of corrections, amendments and clarifications, as well as any variations issued by MSEDCL Representative during the course of the Contract.
- xxv. **"Taking-Over Certificate"** means a certificate issued by the Engineer when the Works, have been completed in accordance with the Contract.
- xxvi. **"Works"** means carrying out maintenance as per the instructions received from tender accepting authority/representative of MSEDCL for said works

2. Contract Agreement

A Contract Agreement shall be provided separately.

3. Priority of Documents

The documents forming the Contract are to be taken as mutually explanatory of one another. If there is an ambiguity or discrepancy in the documents, MSEDCL shall issue any necessary clarification or instruction to the Agency, and the priority of the documents shall be as follows:

- i. The Contract Agreement;
- ii. The Letter of Intent;
- iii. Work order issued to agencies;
- iv. The Bid (accepted Price Proposal);
- v. The Conditions of Contract, ;
- vi. MSEDCL Requirements (including Specifications and Drawings); and
- vii. The Agency's Proposal (Technical Proposal, including completed Schedules).

4. Communication with bidder:

- (i) Wherever provision is made for giving or issue of any notice, instruction, consent, approval, certificate or determination by any person, unless otherwise specified such communication shall be in writing and shall not be unreasonably withheld or delayed.
- (ii) Wherever provision is made for a communication to be "written" or "in writing", this means any hand-written, type-written or printed communication.
- (iii) If the Agency wants to submit any claim, reply to termination notice, any grievance regarding terms & conditions of Contract etc., he should submit the same to the Superintending Engineer only, and not any other officers, by hand delivery and obtain the acknowledgement of the same.
- (iv) In case of works related issues such as outages, materials, ROW, works site clearance, line/equipment out permits etc the agency should hand over the same to the concern SDO or Executive Engineer only, and not any other officers, by hand delivery and obtain the acknowledgment of the same.
- (v) If the Agency does not get any response from the concern officers, he should send his correspondence to the Superintending Engineer (O&M), Jalgaon Circle on his mail id sejalgaon@gmail.com
- (vi) All correspondence, notices or written orders to be given to the Agency by MSEDCL or MSEDCL Representative, shall be sent by air/ mail on the mail address given by the Agency in the bidding document.
- (vii) Works review coordination meetings between MSEDCL Representative and Agency shall be conducted on a monthly basis or as and when required by MSEDCL, at locations decided by MSEDCL, to review the Agency's progress and plans for completing the remaining Works, to deal with matters affecting the progress of the Works, and to decide on responsibility for actions required to be taken. MSEDCL Representative shall prepare the Minutes of Meeting and provide copies for the records of all attendees. Decisions taken and instructions issued during the coordination meetings, as recorded in the Minutes, shall have the same force and effect as if they were written communications

5. Compliance with Statutes, Regulations and Laws

The Agency shall, in all matters arising in the performance of the Contract, comply with, give all notices under, and pay all fees required by the provisions of any national or state statute, ordinance or other law, or any regulation of any legally constituted public authority having jurisdiction over the Works. The Agency shall obtain all permits, licenses or approvals required for implementing, testing and commissioning any part of the Works in reasonable time taking account of the times for completion of the Works, and the costs of any such permits, licenses or approvals shall be included in the Contract Price for the relevant Activity. MSEDCL and the Agency shall comply with the laws of India and the State of Maharashtra.

6. Labour laws

The Agency shall comply with all the relevant labour laws applying to his employees, and shall duly pay and afford to them all their legal rights. The Agency shall require all such employees to obey all applicable laws and regulations concerning safety at work. Agency shall deposit the labour cess as per Building and Other Constructions workers, Welfare Cess Act 1996 to State Government (if applicable) otherwise same shall be deducted from RA (Running Account) bill and shall be deposited to Government Authority.

7. Manner of Execution

Execution of work shall be carried out in the approved manner as outlined in the technical specifications or where not outlined, in accordance with relevant BIS/ Indian Standard Specifications, to the reasonable satisfaction of MSEDCL.

- (i) The Agency should successfully complete the works within time frame set out by MSEDCL. MSEDCL shall not be responsible for any loss or damage of any material when carrying ***Preventive Maintenance of Substations as per work order.***
- (ii) Undertake necessary activities during the guarantee period as set out in this Contract.

8. Standards

The materials / spares supplied under this contract shall conform to the Standards mentioned in the Technical specification as per the MSEDCL requirements. The material supplied by the Agency under the contract shall be fully insured by the Agency in Indian Rupees against any loss or damage incidental to manufacture or acquisition, transportation, storage till handing over the complete system to the beneficiary and the contract price shall include the same.

9. Transportation on material

- (i) If major materials required for maintenance works is provided by MSEDCL then in such case transportation charges from the Division store to work site and crediting of old/damaged material to Division store at the rate of 1% on cost of material as per prevailing Cost Data will be paid to the Agency through RA bills.
- (ii) If major materials required for maintenance works is provided by the Agency then in such case transportation charges upto work site and crediting of old/damaged material to Division store at the rate of 4% on cost of material as per prevailing Cost Data will be paid to the Agency through RA bills.

10. Insurance on material during transit

The insurance will be paid extra at a rate 1 % on the material cost as per cost data.

11. Payment:

Payment will be made to the Agency as per Section III, clause no. 20.

12. Sub-contracts:

Subcontract is not allowed.

13. Notice to Correct

If the agency fails to carry out any of the obligations, or if the Agency is not executing the works in accordance with the Contract, the MSEDCL may give notice to the agency requiring him to make good such failure and remedy the same within a specified reasonable time.

14. Removing from tender for breach of contract :

The Eligible Agencies have to execute the Preventive Maintenance work as per the Work Order(s) issued by MSEDCL. MSEDCL without prejudice to any other remedy for breach of contract, by written notice of default sent to the Agency, terminate the contract (LOI) in whole or part:

- (a) In case the agency defaults on following events on three successive occasions, the contract order is liable for cancellation of LOI after issue of termination notice.

(i) If Eligible Agencies do not execute the work allotted to them as per the Work Order issued by MSEDCL or his representative within stipulated time.

OR

(ii) If Eligible Agencies delays in the execution of the work allotted to them as per the Work order issued by MSEDCL or his representative AND does not efficiently utilize the power shutdown allotted for maintenance work.

OR

(iii) If the assets serviced by Eligible Agencies under this Contract fails/ breaks down within the guarantee period.

OR

(iv) If the Eligible Agencies do not follow statutory rules & regulations related to Safety/ Construction & Maintenance practices / Labour Laws as issued by MSEDCL & other statutory authorities eg. CEA/ Electrical Inspectorate, etc.

OR

(v) If the Eligible Agencies deploy less and/or unskilled manpower than specified under this tender document.

(b) If found executing the works through subagency.

(c) If agency fails to replace substandard material or to rectify poor quality of works within 2 weeks from notice given to him.

(d) If the Agency/ Agency, in the judgment of MSEDCL has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

15. Force Majeure

Notwithstanding the provisions of conditions of contract, the Agency shall not be liable for Penalty or termination for default, forfeiture of his/ her performance security, if and to the extent that, its delay in performance or other failure to perform its obligations is the result of an event of Force Majeure.

For purposes of this Clause "Force Majeure" means an event beyond the control of the Agency and not involving the Agency/ Agencies fault or negligence and not forcible. Such event may include, but are not limited to, acts of MSEDCL either in its sovereign or contractual capacity, wars or

revolutions, fires, floods, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Agency shall promptly notify MSEDCL in writing of such conditions and the cause thereof. Unless otherwise directed by MSEDCL in writing, the Agency shall continue to perform its obligations as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure.

16. Debarring the Agencies from business dealing with MSEDCL

In case of failure on part of successful bidder at any stage of tendering and execution, the bidder/ agency may be debarred as per MSEDCL debar policy provided on MSEDCL website link. (<https://www.mahadiscom.in/supplier/wp-content/uploads/2018/06/Final-Booklet-Single-Page.pdf>)

17. Settlement of Disputes

- (i) All disputes and differences of any kind whatsoever arising out of or in connection with the contract, whether during the progress of the work or after its completion and whether before or after the determination of the contract, shall be referred by the agency to the Superintending Engineer.
- (ii) Three Member Dispute Resolution Committee shall be constituted with one member representing the bidder & the two members of MSEDCL (including one member from Account Department) by concerned Superintending Engineer.
- (iii) The Committee shall, within 120 days after receipt of the agency's representation, make and notify decisions of all matters referred to by the agency in writing. The decision of Committee will be binding on both parties.

18. Agency Obligations:

- (i) The Agency is obliged to work closely with MSEDCL staff, act within its own authority and abide by directives issued by MSEDCL and implementation activities.
- (ii) The Agency will abide by the job safety measures given on MSEDCL web site (<https://www.mahadiscom.in/consumer/wp-content/uploads/2018/03/SurakshaDeepSurakshaPustika.pdf>) as amended time to time and also statutory directions in this regard and

will free MSEDCL from all demands or responsibilities arising from accidents or loss of life the cause of which is the Agency negligence. The Agency will pay all indemnities arising from such incidents and will not hold MSEDCL responsible or obligated.

- (iii) The Agency is responsible for managing the activities of its personnel and will hold itself responsible for any misbehaviour.
- (iv) The Agency will treat all data and information about MSEDCL, obtained in the execution of his responsibilities, as confidential in strict confidence and will not reveal such information to any other party without the prior written approval of MSEDCL.
- (v) MSEDCL, in no case will be responsible for any accident fatal or non-fatal, caused to any workman or outsider in course of transport or during execution of work. All the expenditure including treatment or compensation will be entirely have to borne by the Agency. The Agency shall also be responsible for any claims of the workers including PF, Gratuity, ESI & other legal obligations.
- (vi) The Agency should provide its employees photo identity cards to be properly displayed during duty hours. No extra payments shall be claimed by the agency or its deployed staff for such item.
- (vii) The Agency should carry out ***Preventive Maintenance of Substations in Jalgaon Circle, Jalgaon Zone*** strictly in accordance with the Terms & Conditions of the contract and without any defects.
 - a. The work relating to maintenance schedule should be executed without any delay as per the implementation schedule mentioned in the work order.
 - b. MSEDCL reserve the right to depute engineer officers from his/her office for the supervision and inspection at the time of implementation of the contract. The bidder should submit report to the concerned engineer officer regarding the execution of work according to the contract.
 - c. If any defect or discrepancy will be noticed within guarantee period of 1 year after finishing of work or supply of material, same will have to be replaced or corrected by the agency at his own expenses. If agency will not replace or fail to corrected it, MSEDCL will get the work done from any other source at the cost of the agency during its guarantee period.

- d. The successful bidder should indicate the name and address of their nearest office as a centre that can take up immediate action on complaint.

19. Implementation schedule and process :

The work should be implemented by the Agency as per the following implementation schedule: -

- (i) The work as per schedule given in work order for ***Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone*** shall be carried out by Agency and will enter on MSEDCL web portal with photographs of works attended. The Agency shall carry out the Preventive maintenance immediately from the intimation / by message / mail. The Agency shall complete the work as per the schedule of works given in the work order and within the outage period .
- (ii) MSEDCL will approve the works attended by agency after due verification & same will be intimated through system for further payment.
- (iii) If Agency fails to perform the activities within time period from intimation, the Notice to Correct Work shall be issued along with extended time to complete the work and penalty will be levied as per Tender condition.
- (iv) In spite of notice to correct works, if Agency fails to perform/improve the progress of the activities, the notice of termination of the work shall be issued.
- (v) In spite of notice to correct or rectification of work, if agency won't rectify it or correct it in extended time period; MSEDCL will get the work done by any other source or other agency.
- (vi) The Agency should take photographs of before and after works carried out along with the working men or labours& MSEDCL local representative and same will need to be uploaded in the system
- (vii) **Execution of works: - Work in respect of Preventive / Premonsoon maintenance should be carried out with prior approval and only against sanctioned estimates. Work completion report should be submitted with the bill.**

20. Payment and Penalty

(i) Billing Procedure

- a) The works as per work order shall be carried out by Agency and will and will require to feed on MSEDCL web portal / SAP with photographs & Geo-Coordinates of works carried out. The agency will require to submit online request for JM to concerned Executive engineer, O&M division under intimation to **AEE Maintenance Division office** , Sub divisional officer and Section Engineer.
- b) The concerned Section Engineer will do carry out the JM and will also point out discrepancies or defects if any noticed during JM to the Agency preferably within 3 days from the date of request of JMC by agency.
- c) The agency will have to submit Invoice document to the concerned Executive Engineer only after rectifying pointed out defects, under intimation to Section Engineer and will upload the same on web portal.
- d) The Sub Divisional officer (O&M) after due scrutiny will approve and forward the JMC and forward to the Executive Engineer within 2 days from the receipt of the JMC / SES.
- e) Billing procedure will be adopted at the time of issuing of LoA /LoI as per MSEDCL guidelines issued time to time.

(ii) Payment procedure:

The payment will be disbursed against the Bills submitted by the Agency as specified under:

- (a) **100%** of the order value for labour component utilized for fixing and using the major material supplied by MSEDCL for carrying out ***Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone*** as per the rates applicable in the yearly rate contract, along with taxes, within **90** days of submission of necessary documents as per check list in duplicate.
- (b) **90%** of the order value of material supplied and utilized by agency against Supply, Erection, Testing & Commissioning of Line / Cable materials/Substation equipments, within **90** working days, upon submission of necessary documents as per check list in duplicate, after the on-site verification, inspection, by Concerned Sectional Officer/ any authority representative of MSEDCL, for which the claim is received. However, **balance 10% of payment to agency shall be released only on successful completion of guarantee period against supply of material, installation and commissioning of Line/Cable materials excluding Taxes.**

- (c) The details of all the maintenance works carried out shall be fed through mobile-app/SAP or IT system developed by MSEDCL time to time, **if applicable.**

(iii) Penalty for Delay:

- a. The Agency is required to complete the work within the stipulated time as mentioned in Order (i.e. **during** shutdown period) as scheduled by the concern Officer-in-charge. In case the work is not completed within scheduled shutdown time then the penalty @ Rs.1000/- per hour for every additional hour required for completion work taken shall be charged.
- b. If the agency fails to provide necessary Spares and Consumables, Tools & Plants and is found working in violation of Safety and other statutory Regulations, penalty of Rs 1,000/- (Rupees One thousand only) per such instance shall be levied, separately.
- c. The Penalty for the delay applicable to activities will not be attributed to the agency subject to the condition specified in the Section-III, GCC. "Force Majeure" and the mutually agreed genuine causes brought on the records thereof by the agency.
- d. The delay attributable to MSEDCL will not attract any penalty.

(iv) Penalty for non-executed work:

In case the agency fails to execute allotted work as per the hours specified in penalty clause No. 20 (iii) and read with clause No.14 then Work Order may be cancelled and MSEDCL will reserve the right to execute the work from the another agency at the RISK & COST of the defaulter agency.

SECTION - IV

FORM AND APPENDIX OF TECHNICAL AND PRICE PROPOSAL

Form of Technical Proposal

(On Bidder's Letterhead)

To,

Maharashtra State Electricity Distribution Company Ltd.

Represented by the:

Superintending Engineer,

Maharashtra State Electricity Distribution Co. Ltd.,

Jalgaon Circle, Dist. Jalgaon , Pin 425001

Name of Contract: Tender for *works of Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone .*

Sir,

We have understood and checked these documents and have not found any errors in them. We accordingly offer to work for ***Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone*** with guarantee period of 1 Year, (hereinafter referred to as the contract of works) and as described in the Bid document "Partial Turnkey Contracts" as well as remedy any defects and guarantee the entire completed facilities against any defects in materials, workmanship and equipment for period specified in Bid Documents, after completion, fit for its purpose in conformity with these documents and the enclosed Proposal.

We hereby declare that we accept all the terms, conditions, specifications and all other matters mentioned in all sections of contract and agree that these will form a part of the Contract if we are selected for award of contract.

We have submitted price bids for Tender No. **T-07**. We have submitted complete details of our technical and financial capabilities for establishing our eligibility to undertake works on all these tenders. However we hereby confirm that we accept that the MSEDCL decision on our eligibility to undertake the works in accordance with the requirements set out in the Invitation for Bids will be final and binding on us, and that we will not raise any objection. MSEDCL may decide to reject our Bid for this tender on the grounds that we do not satisfactorily meet the minimum qualifying criteria.

This Bid and your written acceptance shall be the basis for Contract Agreement. We understand that you are not bound to accept the lowest or any bid you receive or assign any reason thereof for the rejection.

We agree to keep this bid open for acceptance for a period of 60 days from the date of opening thereof and also agree not to make any modification in the terms and conditions on our own accord. We further agree to sign an Agreement to abide by the Conditions of Contract and carry out all works according to specific clauses and work order.

We accept that Dispute Resolution procedures, General Conditions of Contract, will be used for settling any disputes that cannot be mutually agreed with MSEDCCL.

Yours faithfully,

Signature & Seal of company,

in the capacity of duly authorized to sign bids for and on behalf of

Address:

.....:

:

CHECK LIST OF DOCUMENTS ENCLOSED

Sr. No.	Name of Documents Attached	Remark (Tick Yes if enclosed or Tick No if not enclosed)	
		Yes	No
1.	Firm's Profile at a Glance Appendix-I(A)	Yes	No
2.	Financial Status Appendix-I(B)	Yes	No
3.	Self-Certification of No Bar/ non-failure/ blacklisted	Yes	No
4.	Experience for maintenance, supply and commissioning Appendix-II	Yes	No
5.	Form of Consent for Lowest Matching Offer Appendix-III (optional)	Yes	No
6.	Form of Earnest Money Deposit / Bid Security Appendix-IV	Yes	No
7.	Power of attorney in the name of the person authorized to sign Bid document	Yes	No
8.	Receipt of Payment made by the bidder against the Bid Fees	Yes	No
9.	Tender Document signed by bidder on each page along with Price Schedule Format.	Yes	No
10.	Form of Technical Proposal	Yes	No

Bidder's Signature:
(Seal)

Form of Price Proposal and Appendix to Price Proposal (to be submitted along with Price Schedule)

FORM OF PRICE PROPOSAL
 (On Bidder's Letter head)

To,

Maharashtra State Electricity Distribution Company Ltd.

Represented by the:

Superintending Engineer,
 Maharashtra State Electricity Distribution Co. Ltd.,
 Jalgaon Circle, Dist. Jalgaon, Pin 425001

Name of Contract: Tender for *works of Preventive Maintenance of Substations in Jalgaon Circle, Jalgaon Zone.*

Sir,

We have understood and checked these documents and have not found any errors in them. We accordingly offer to execute and complete and guarantee the said Works and remedy any defects, fit for its purpose in conformity with these documents and work order to be issued if we found eligible and the enclosed proposal, for the rate as per Price Schedule exclusive of all the GST in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules herewith enclosed which form a part of this bid.

We agree to abide by this Bid for the period of 60 days after the date of opening of the Technical Proposal, and it shall remain binding upon us and may be accepted at any time before that date. We acknowledge that the Appendix to Price Proposal and Appendix to Technical Proposal form part of our Bid.

If our Bid is accepted, we will provide the specified Security Deposit / PBG. We will commence the Works as soon as possible after receiving the Work Order after LOI, and complete the Works in accordance with the above document and Work Order within time.

Unless and until a formal Agreement is prepared and executed, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Yours faithfully

Signature

Seal in the capacity duly authorized to sign bids for and on behalf of

APPENDIX TO PRICE PROPOSAL

Description	Tender No. SE/JLG/T-07/2024-25
Employer's Name and Address	Maharashtra State Electricity Distribution Co. Ltd. Represented by the: Superintending Engineer, Maharashtra State Electricity Distribution Co. Ltd.
Agency's Name and Address	(To be completed by the Bidder before the Bid is submitted)
Name and Address of the MSEDCL Representative	The Executive Engineer (Adm.) of <i>Jalgaon</i> Circle

CHECK LIST OF DOCUMENTS ENCLOSED

Sr. No.	Name of Documents Attached	Remark	
1.	Form of Price Proposal & Appendix to Price Proposal	Yes	No
2.	Price Schedule	Yes	No

Signature of Bidder:

.....:

APPENDIX- I (A)

FIRM PROFILE AT A GLANCE

Sr. No.	Particulars	Details
1	Name & Mailing Address of firm	
2	Contact Person Name, Designation & Contact No.	
3	E-mail Address for correspondence	
4	Firm Website Address	
5	Firm Status (Private/ Proprietor)	
6	PAN/ TAN No.	
7	Bidder's UIN No. (Unique Identification Number)	
8	Firm Registration No	
9	Bidder's registration certificates for GST	
10	<i>Bidder's registration certificates under the applicable PF and labour laws.</i>	
Attached are copies of the necessary original documents.		
1. 2. 3. 4. 5.		

It is certified that the information provided above is true to the best of my knowledge and belief. If any information found to be concealed, suppressed or if found incorrect at later date, our tender shall be liable to be rejected and our company may be debarred from executing any business with MSEDCL as per MSEDCL policy.

Signature of Bidder

Name

Designation

Date:

APPENDIX- I (B) FINANCIAL STATUS

Each Bidder must fill in this form including private/ public limited company.

Sr. No.	Particulars	Financial Data for Previous 3 Years [Rs. in Lacs]		
		2020-21	2021-22	2022-23
1	Total Assets			
2	Current Assets			
3	Total Liabilities			
4	Long Term Loans			
5	Current Liabilities			
6	Profits Before Taxes			
7	Profits After Taxes			
8	Net Worth			
9	Available Working Capital			
10	Annual Turnover			
	Attached are copies of the audited balance sheets, including all related notes, and income statements for the any three years of FY 2020-21, 2021-22, 2022-23.			

Applicant's Auditor

APPENDIX- II EXPERIENCE

Sr. No.	Nature of Work	Year wise order amount of works in Lakhs			Experience certificate attached at page No. ...
		2020-21	2021-22	2022-23	

Signature of Bidder

Name

Designation

Company

Date

APPENDIX- III

FORM OF CONSENT FOR LOWEST MATCHING OFFER

(Optional paper –Bidder may not submit if do not want to match with L1)

Applicable for interested successful bidders (subject to fulfilment of conditions mentioned in Section –II Information and Instructions to Bidders

To,

Maharashtra State Electricity Distribution Company Ltd.

Represented by the:

Superintending Engineer,

Maharashtra State Electricity Distribution Co. Ltd.,

Jalgaon Circle , Dist. Jalgaon , Pin 425003

Name of Contract: Tender for *works of Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone .*

Confirmation for accepting tender contract by Matching Rates with Lowest Acceptable Bidder:

We do hereby confirm

1. I/We hereby agree to match L-1 rate discovered in the Bid by MSEDCL. No further confirmation is required.
2. All the terms & conditions would be applicable to me.

Date

Signature of Bidder

Name

Designation

APPENDIX- IV
FORM OF EARNEST MONEY DEPOSIT/ BID SECURITY
(BANK GUARANTEE)

WHEREAS, _____ [Name of Bidder] (hereinafter called "the Bidder") has submitted his bid dated _____, for Tender for *works of Preventive Maintenance of Substations in Jalgaon Circle, Jalgaon Zone* with guarantee period of 1 Year for materials from the date of its commissioning and as described in the Bidding Data in MSEDCL under "Partial Turnkey Contracts" basis under bid package number Bid No: _____ (hereinafter called "the Bid") for works of *Preventive Maintenance of Substations in Jalgaon Circle, Jalgaon Zone*.

Know all people by these presents that We _____ [Name of Bank] of having our registered office at _____ (hereinafter called "the Bank") are bound unto the Maharashtra State Electricity Distribution Company Limited in the sum of Rs. _____ (Rupees _____ only) for which payment well and truly to be made to the MSEDCL. The Bank binds himself, its successors and assigns by these presents. This guarantee will be payable at our branch office at _____ [Address of branch office], sealed with the Common Seal of the said Bank this _____ day of _____.

The conditions of this obligation are:

- 1) If the Bidder withdraws his Bid during the period of Bid validity specified in the Form of Bid; or
- 2) If the Bidder refuses to accept the correction of errors in his Bid; or
- 3) If the Bidder is determined at any time prior to award of contract to have engaged in corrupt or fraudulent practices in competing for the contract; or
- 4) If the Bidder, having been notified of the acceptance of his Bid by MSEDCL during the period of Bid validity:
 - a. fails or refuses to execute the Form of Contract Agreement in accordance with the Instructions to Bidders, if required; or
 - b. fails or refuses to furnish the Security deposit, in accordance with the Instructions to Bidders;

We undertake to pay to MSEDCL the above amount upon receipt of its first written

demand, without MSEDCL having to substantiate his demand, provided that in its demand MSEDCL will note that the amount claimed by him is due to him owing to the occurrence of one or all of the above conditions.

This Guarantee will remain in force up to **60 days** after the date of opening of Technical Bid as such deadline is stated in the Instructions to Bidders or as it may be extended by MSEDCL, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

Date

Signature of Bank's authorized officer

Seal

Signature of Bank's Second authorized officer

Seal

ANNEXURE- A**LIST OF MANPOWER ESSENTIAL FOR TECHNICAL QUALIFICATION**

Sr.no	Designation	Manpower	Work	Education Qualification and experienced
1	Supervisor	1 Nos.	Supervision & Coordination with MSEDCL Engineer-in-charge.	Degree/Diploma in Electrical Engineering with 05 years practical experience in substation work
2	Electrician/ Technician	2 Nos.	Carrying out Preventive & Breakdown Maintenance work	ITI Trade in Electrical with 05 years practical experience in Operation & Maintenance of substation equipment(s)
3	Helper	4 Nos.	Assistance to Technicians/ Electrician/ Cable Jointer for Carrying out Preventive & Breakdown Maintenance work	10th Class Pass with 03 years experience and basic Knowledge of Electrical Equipments and wiring.
4	Unskilled Labour	2 Nos.	Assistance substation work	Having experience in substation work .

ANNEXURE-B**LIST OF TOOLS AND PLANTS (T&P) ESSENTIAL FOR TECHNICAL QUALIFICATION**

Sr.No.	Name of Tools and Plants	No.(s)
1	Insulation Tester. (Megger) (500-5000 V)	01
2	Earth Insulation Tester with suitable probes.	01
3	Multi-meter (digital)	01
4	Portable AC current injection set - Low voltage (0 to 40V, 0-100 amp)	01
5	Set of flexible wires of suitable current rating and connector clips	01
6	Clamp On meter (Tong Tester)	01
7	Oil BDV Tester set	01
8	Screw Driver set- 6"-12", Transparent Insulated Green Head, Non sparking type with insulated blades.	02
9	Hammer- Cross/Ball Pin with wooden handle, 200gm/500gm/800gm	03
10	Pliers- Combination pliers 150/160/170mm	03
11	Nose Pliers	02
12	Hacksaw	02
13	spanner set	02
14	Ratchet Set	01
15	Chain Pulleys	01
16	Fibre Ladders of suitable sizes	01
17	Crimping Tools	01
18	Air Blower	01
19	Vacuum Cleaner	01
20	Tap kit with handles	01
21	Vehicle for transportation-LMV	01
22	Discharge Rod (Earthing Rod) HT & LT	02 (Each)

23	Hand Gloves	2 Pairs
24	Safety Shoes	2 Pairs
25	Safety Zoola	02
26	Safety Helmet	05

ANNEXURE-C**LIST OF MAJOR MATERIAL**

(To be provided by MSEDCL. If not provided by MSEDCL, agency to procure and use in such instances, the cost of such material procured by Agency shall be reimbursed as per prevailing cost data of MSEDCL subject prior approval and certification of Executive Engineer (Admn) of Jalgaon Circle for utilization of Major material in Preventive Maintenance)

Sr No	Description of Material
1	33 kV C. T. (400-200/1-1-1)
2	C.T.-33KV200-100/1-1-1A/3Core
3	CT 200-100/1-1 A , 33 KV
4	22 KV C.T. Three core.
5	CT 200-100/1-1 A , 22 KV
6	11 KV CT 600 - 300 / 5 - 5 Outdoor
7	11 KV CT 600 - 300 / 5 - 5 Indoor
8	CT - 11 KV 400 - 200 - 100/ 5-5-5 A / 3 Core I/D
9	11 KV CT 400 - 200 / 5 - 5 Outdoor
10	11 KV CT 400 - 200 / 5 - 5 Indoor
11	CT 200 -100 / 5 - 5 Amp11 KV 1 Ph. Oil filled Out Door Type with Terminal connections
12	100/1-1 A, 11 KV CT
13	33 KV P.T.
14	22 KV P.T.
15	11 KV PT
16	22 kV, Single phase, outdoor NCT
17	11 KV Neutral CT Outdoor type with Relay
18	11 kV, Single phase, outdoor NCT
19	11 KV R.V.T.
20	11 KV 3 Phase, Residual voltage Transformer with terminal connectors.
21	Armoured Copper control cable 19C X 2.5 Sq mm
22	Armoured Copper control cable 12C X 2.5 Sq mm
23	Armoured Copper control cable 7Cx2.5 sq.mm.
24	Armoured Copper control cable 4C X 2.5 Sq mm
25	Armoured Copper control cable 2Cx2.5 sq.mm.
26	Armoured Copper control cable 2Cx4 sq.mm.
27	33 kV 1000 MVA 1600 Amp.IN Door Type VCB
28	22 kV 1000 MVA 1600 Amp.IN Door Type VCB
29	33 KV VCB complete 1600 Amp (O.D.)
30	22 KV VCB complete 1600 Amp (O.D.)
31	22 KV VCB complete 800 Amp (O.D.)

32	11 KV VCB 400 A Indoor
33	11 KV VCB 400 A Outdoor
34	11 KV VCB 800 A Indoor
35	11 KV VCB 800 A Outdoor
36	11 kv 250 MVA OD Switchgears comprising of 1 Incomer and 3 single feeder with associated OD panels, Isolators, C.T. & P.T. etc.
37	11kV I D switchgear (2 I/c+1 B/c+80/G)
38	11 KV 250 MVA OD switchgear comprising of 2 incomer & 4 single feeders with associated OD panels , Isolators CT & PT etc
39	11 KV 250 MVA OD Single Feeder with Panel , Isolator CT etc
40	11 KV 250 MVA O.D. Switch gear with one I/C+ one O/G
41	11 KV 250 MVA O.D. Switch gear with one I/C+ three O/G
42	22 kv 500 MVA OD Switchgears comprising of 1 Incomer and 3 single feeder with associated OD panels, Isolators, C.T. & P.T. etc.
43	11kV 250 MVA OD switchgear comprising of one incomer and 3 single feeders with associated outdoor panels
44	11 KV 250 MVA OD switchgear comprising of one incomer ,3 O/G & 1 B/C with associated OD panels, Isolators, CT & PT etc.
45	11 KV 500 MVA ID switchgear comprising of one incomer ,3 O/G & 1 B/C with associated OD panels, Isolators, CT & PT etc.
46	11 KV OD type VCB with directional relay with Bus coupler complete
47	11 KV VCB With C.T.; P.T& Panel Indoor
48	11KV HT O.S.F.
49	11kV I D switchgear (1 I/c+1 B/c+40/G)
50	11 KV 250 MVA Indoor Switch Gears comprising of 2 Incomer and 6 Single feeder & Bus Coupler with associated C.R Panels, V.C.B. for Incoming & Bus Coupler for Feeder
51	Automatic capacitor switch 11 KV
52	C&R panel for 33 KV for feeder breaker
53	C&R panel for 33 KV Transformer with 1 Amp. Relay
54	33 KV Transformer CR Panel With 1 Amp relay
55	C&R panel for 33 KV Transformer with Diff. Protection
56	33 KV Transformer CR Panel With Differential
57	CR Panel for 33/22 KV line breaker with 1/5A relay
58	C&R panel for 22 KV feeder breaker
59	C&R panel for 22 KV Transformer with 1 A relay
60	22 KV Transformer CR Panel With 1 Amp relay
61	C&R panel for 22 KV Transformer with Diff. Protection
62	Control C&R Panel 22 KV for feeder with accessories.
63	Replacement of Control Panel 22 KV
64	CR Panel for 11 KV Capacitor bank with relay
65	C&R Panel for 11 kV Outgoing Feeder OD

66	Control Panel complete with NDR,UV,OV & 2 O/C + 1 E/F and Time delay relay and accessories.
67	11 KV Annunciator Panel
68	30 Volt Non directional type Electronic Static relay (Numeric Relay)
69	Clamps for 33 KV C.T.
70	Clamps for 33 KV Isolator
71	Clamps for 33 KV P.T.
72	Clamps for 33 KV V.C.B.
73	Clamp for 22 KV VCB
74	Clamps for 22 KV C.T.
75	Clamps for 22 KV Isolator
76	Clamps for 22 KV P.T.
77	Clamps for 11 KV C.T.
78	Clamps for 11 KV Isolator
79	Clamps for 11 KV P.T.
80	Clamps for 11 KV V.C.B.
81	Clamp for PT
82	Clamp for CT
83	30 V, 100 AH Lead Acid Battery sets
84	Battery chargers suitable for above
85	Battery set 30 Volt, 100 AH with Battery charger
86	Disc Insulator
87	Pin Insulators
88	Isolators
89	Any other material requirement as per actual site condition

For Rates of material please refer List Of Material attached herewith.

ANNEXURE-D

LIST OF MINOR AND CONSUMABLE MATERIAL (which shall be used by Bidder from his own resources without any extra cost.)

Sr. No.	Particular
1	CRC (Electrical contact cleaner)
2	M-Seal
3	PVC Tape
4	Cotton waste
5	Cloths
6	Nut Bolt of various sizes
7	Grease / jelly
8	Flexible cables / control cables
9	Hand wire brush
10	Spray Bottles
11	HT tape
12	Lugs of various sizes
13	Ferrules of various sizes
14	Anti tracking spray

ANNEXURE-E

Format for Annual Anticipated Estimate Quantity & Labour Charges for Preventive Maintenance of Substation and Minimum Assured Quantity to Eligible Agency

	Division	Savada	Dharamangon	Jalgaon	Pachora	Chalisgaon	Muktainagar	Bhusawal	Jalgaon Circle
Name of Activity	Unit	Annual Anticipated Estimate Quantity	Annual Anticipated Estimate Quantity	Annual Anticipated Estimate Quantity	Annual Anticipated Estimate Quantity	Annual Anticipated Estimate Quantity	Annual Anticipated Estimate Quantity	Annual Anticipated Estimate Quantity	Annual Anticipated Estimate Quantity
SCHEDULE - A	Per Unit	35	41	18	26	18	20	21	179
SCHEDULE - B	Per Unit	300	300	170	300	200	200	250	1720
SCHEDULE - C	Per Unit	2102	2102	1877	2201	1705	1705	1935	13627

The details of actual activity, quantity and locations depending as per site conditions; will be allocated at the time of placing order.

Overall approximate Estimated Costing is Rs 100 Lakhs

Execution of works: - Work in respect of Preventive / Premonsoon maintenance should be carried out with prior approval and only against sanctioned estimates. Work completion report should be submitted with the bill.

For Schedule rate, please refer list of material and list of services attached herewith

**ACTIVITIES TO BE DONE FOR PREVENTIVE MAINTENANCE
SCHEDULE "A"**

Sr. No.	Activity	Action to be taken	
1	Checking of all earthing in the substation	i	Measure the Earth resistance value
		ii	If the earthing strip is found broken/cut ,welding is to be carried out for continuity of earth connection.
		iii	Replace of rusted earthing nut/ earth strip.
2	Checking & Tightening of all connections	i	Tightening of nut bolts of cable end termination. Replace of welded nut bolts/melt connectors
		ii	Checking and Tightening of ACDB and DC DB ,marshalling box ,distribution box of substation transformer
		iii	Tightening of Jumpers of all equipments including Bus bar and isolators .(CT/PT, Breaker, Capacitor bank, Transformer, Jumpers, Lightning Arrester)
3	Checking of alignment of Isolators	i	Ensure correct gang operation of Isolator .Greasing and oiling to moving parts of isolators, Earthing of isolator with EB and Without EB.
4	Cleaning of all insulators and bushing	i	Cleaning of all insulators and bushing with dry cloths/cotton west
		ii	Replace the insulator having flashover marks/cracks ,If chipped, apply acrylic compound
5	Attending all Oil Leakages	i	Tightening the nut and bolts of equipment from where oil leaks observed. Clean the all oily surfaces. Arrest the leakage by replacing gasket/applying M-seal at the place of leakage.
6	Breather/Silica gel replacement	i	Replacement of silica gel if found red/refilling the same silica gel after drying.Ensure that the air passage of the breather is not blocked.
7	Battery charger and cell checking	i	Tightening of loose connections .
		ii	Clean the battery charger by air blower

		iii	Measuring of output voltage/current of - transformer of battery charger and exhaust fan operation
		iv	Measuring voltage and Specific gravity of cells
		v	Earth leakage if any be arrested
		vi	providing petroleum jelly on every contact of cell
8	Circuit Breaker Operation	i	Cleaning of Breakers poles.
		ii	Ensure that the Interlocking arrangement of breaker
		iii	Ensure the breaker for operation under remote, local & manual control
		iv	Checking of trip coil and closing coil healthiness.
		v	Checking of spring charging mechanism healthiness.
		vi	Tripping/closing operations of breakers.
9	Replacement of bulbs, small gadgets	i	Replace indicating bulbs, if found blown
		ii	Check breaker control switch, selector switch(RYB) and local remote switch for correct operation. If found faulty then replace the same.
		iii	Check annunciator for working
		iv	Replace faulty push buttons on the panels.
10	Control room /Yard lighting	i	Ensure whether wiring of yard lighting is healthy
		ii	Replace damage/rusted sockets/flood light brackets
11	Control room/Yard maintenance	i	Cleaning of yard, grass cutting, tree trimming,

Note:

The Schedule “A” activity will be carried out during the planned outage / shutdown period given by only concerned Executive Engineer and the maintenance work carried out will be certified by Substation in Charge as per the Check List for Substation equipments provided in the tender documents.

For Schedule rate of services, please refer list of services attached.

ACTIVITIES FOR SCHEDULE "B"
Replacement of failed or damaged CT/PT/LAs in Substation
Replacement of faulty battery cell suitable for 30V & 110V battery
Replacement of faulty battery charger
Replacement of substation transformer for auxiliary supply
Replacement of damaged circuit breakers of various makes
Replacement of damaged/faulty capacitor cell/damaged cable if any
Replacement of damaged or faulty RVT(Residual voltage transformer)

Note: Activity of Schedule 'B' will be implemented on the receipt of report of Schedule 'A'.

For Schedule rate of services, please refer list of services attached.

ACTIVITIES FOR SCHEDULE "C"
Replacement of damaged / deteriorated earthing set by providing new earthing set i.e. digging of pit, providing of earthing set of C.I. pipe 150 mm 3 mtr, MS Flat 50x6 mm-90kg, charcoal-65 kg, salt-65kg along with RCC ring work for earthing pit
Replacement of control cable by proper size and core
Stringing of old Main Bus or Bus between Gantry by using 0.2 ACSR conductor
Laying of Power cable within Substation
Reconditioning of damaged muffing & painting of damaged foundations
Providing & Fixing of Fire Extinguisher with stand
Replacement of Substation Isolator 33 or 22 kV
Replacement of 11 kV AB Switch
Replacement of Line type Lightning Arrestor

Note: Activity of Schedule 'C' will be implemented after observing the annual budget for maintenance.

For Schedule rate of services, please refer list of services attached.

CHECK LIST FOR PREVENTIVE MAINTENANCE OF BATTERY BANK & BATTERY CHARGER

Name of the
Substation :
Name of the
Division
Date of
inspection

Code of
Substation:

Make & Sr.No :
Year of Mfg:

Date of
commissioning :

Sr No	Item to be Inspected	Brief Description of Work	How it is to be done	Present status	Corrective Action taken for minor works	Further action required for major works
1	Battery room and ventilation	See that battery room entrance door are kept closed and that ventilation to outside air are open and air is circulated by running of the exhaust fan	Visual and physical Inspection	Exhaust fan working/non working		
2	Operation	Check charging rate. Check and record pilot cell specific gravity, temperature and floating voltage.	Ammeter reading of float charging to be taken			
3		Checking specific gravity and voltage of each cell of lead acid cells. (before and after charging) (Weekly when trickle charge exists)	Measurement of specific gravity using Hydrometer	Sp gravity 1200 to 1210		
4	Leakage test	Check extra leakage. (Check earth leakage current indicator on the battery charger panel)	measure the value of earth leakage in Mili Amp on the ammeter fixed on	Leakage observed/not observed.		

			the battery charger panel			
5	Electrolyte	Check electrolyte level and add distilled water when required. Cleaning of terminals, applying Vaseline and topping up with distilled water. (for lead acid batteries)	Visual and physical Inspection			
6	Inter cell connectors and terminals	Clean acid corrosion from connectors and terminals should be lead coated. Tighten terminals and apply petroleum jelly for exposed surface.	Cleaning by CRC and then applying petroleum jelly to all contact of each cells.			
7	Hydrometer and thermometer	Check condition of hydrometer and thermometer used for daily and monthly reading against spare units held in reserve.	Visual and physical Inspection	Condition ok/not ok		

The agency carrying out maintenance should take the photo graphs before and after maintenance and upload the photograph and Checklist in ERP system

Signature of Agency

Above work as mentioned/ detailed above have been carried out by the agency in my presence. I endorse that work as detailed above have been satisfactorily done.

Signature of the Substation in charge

Name

CPF No.:

Date:

CHECK LIST FOR PREVENTIVE MAINTENANCE OF POTENTIAL TRANSFORMER

Name of the Substation : Code of Substation:
 Name of the Division
 Date of inspection
 Make & Sr.no : Date of commissioning :
 Year of Mfg:

Sr No	Item to be Inspected	Brief Description of Work	How it is to be <i>done</i>	Present status	Corrective Action taken for minor works	Further action required for major works
1	Potential Transformer	Visual damages & Deterioration , if any	Visual and physical Inspection			
2		Check any abnormal sound	By using ultrasonic detector			
3		Attending Oil Leakage if any	Visual and physical Inspection			
4		Checking of Oil level of PT	Visual and physical Inspection			
5		Cleaning of PT Junction Box and tightening of connections in PT junction box	Visual and physical Inspection			
6		Earthing PT/Frame/Junction Box	To be measured by earth tester. The value of earth resistance should be less than 5 Ohm	Low/high		
7		Vermin proofing of PT junction Box/ Sec Terminal.	Visual and physical Inspection			
8		IR Value of Primary to Earth	Meggering by 1 KV Megger			

9		IR Value of Secondary to Earth	Meggering by 500V Megger			
11		Correct rating of PT fuse up to C&R Panel	checking as per specification			
12		IR Value of Primary to Secondary	Meggering by 500V Megger			

The agency carrying out maintenance should take the photo graphs before and after maintenance and upload the photograph and Checklist in ERP system

Signature of Agency

Above work as mentioned/ detailed above have been carried out by the agency in my presence. I endorse that work as detailed above have been satisfactorily done.

Signature of the Substation in charge

Name

CPF No.:

Date:

CHECK LIST FOR PREVENTIVE MAINTENANCE OF CURRENT TRANSFORMER (CT)

Name of the Substation :

Code of Substation:

Name of the Division

Date of inspection

Make & Sr.no :

Date of commissioning :

Year of Mfg:

Sr No	Item to be Inspected	Brief Description of Work	How it is to be <i>done</i>	Present status	Corrective Action taken for minor works	Further action required for major works
1	Current Transformer	Visual damages & Deterioration, if any	Visual and physical Inspection			
2		Attending Oil leakage if any	Providing M-seal			
3		Checking of Oil level in CT	Visual and physical Inspection			
4		Check condition of the structure	Visual and physical Inspection			
5		All cables entry into CT is through cable glands	Visual and physical Inspection			
6		Check any abnormal sound near CT	For this secondary side connection are checked. CT secondary should not be open			
7		Visual inspection of CT Bushing	Visual and physical Inspection			
8		Inspection of secondary Terminals and earthing of star point of CT secondary	Visual and physical Inspection			

9	Current Transformer	Cleaning of CT Junction Box and tightening of connections in CT junction box	Visual and physical Inspection			
11		Vermin proofing of CT junction Box/ Sec Terminal.	Visual and physical Inspection			
12		IR Value of Primary to Earth	Meggering by 1 KV Megger			
13		IR Value of Secondary to Earth	Meggering by 500V Megger			
14		IR Value of Primary to Secondary	Meggering by 1 KV Megger			

The agency carrying out maintenance should take the photo graphs before and after maintenance and upload the photograph and Checklist in ERP system

Signature of Agency

Above work as mentioned/ detailed above have been carried out by the agency in my presence. I endorse that work as detailed above have been satisfactorily done.

Signature of the Substation in charge

Name

CPF No.:

Date:

CHECK LIST FOR PREVENTIVE MAINTENANCE OF CONTROL PANEL

Name of the Substation :

Code of Substation:

Name of the Division

Date of inspection

Make & Sr.no :

Date of commissioning :

Year of Mfg:

Sr No	Brief Description of Work	How it is to be done	Present status	Corrective Action taken for minor works	Further action required for major works
1	Check all indication lamps for working	Visual and physical Inspection	working/nonworking		
2	Vermin proofing of panel and door interlock switch	By applying Vermin (colloquially varmint or varmint) pests	status Yes/No		
3	Check & ensure that L/R switch is at remote position.	Visual and physical Inspection			
4	Check rating of fuses	as per specification on schematic drawing	Ok Yes/No		
5	Checking of Control Connections as per scheme drawing	Visual and physical Inspection	Ok Yes/No		
6	Checking of Earthing Connection wherever provided	To be measured by earth tester. The value of earth resistance should be less than 5 Ohm	Low/high		
7	Check cubicle heater thermostat for correct operation	Visual and physical Inspection	Heater working/non working		

8	Check & ensure that all multi core cables are earthed at switchyard side only	Visual and physical Inspection			
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The agency carrying out maintenance should take the photo graphs before and after maintenance and upload the photograph and Checklist in ERP system

Signature of Agency

Above work as mentioned/ detailed above have been carried out by the agency in my presence. I endorse that work as detailed above have been satisfactorily done.

Signature of the Substation in charge

Name

CPF No.:

Date:

CHECK LIST FOR PREVENTIVE MAINTENANCE OF LINE ISOLATORS & EARTH SWITCHES

Name of the Substation :

Code of Substation:

Name of the Division

Date of inspection

Date of

commissioning :

Make & Sr.no :

Year of Mfg:

Sr No	Item to be Inspected	Brief Description of Work	How it is to be done	Present status	Corrective Action taken for minor works	Further action required for major works
1	Insulators	Check for cracked or broken porcelain and excessive dirt film and to undertake repair of chipped spots by painting with lacquer such as red clay paint.	Visual and physical Inspection	Ok Yes/No		
2	Blades and contacts	Check that blades are properly seated in the contacts.	Visual and physical Inspection	Ok Yes/No		
3	Blades and latches and stops	Check that blade latches where provided are engaged	Visual and physical Inspection	Ok Yes/No		
4	Locks and inter locks	Check that switches are properly locked in the open or closed position as required by padlocks or other key type locks or interlocks.	Visual and physical Inspection	Ok Yes/No		
	Bolts, Nuts & Jumpers	Check bolts, nuts and jumpers for tightness. Apply petroleum jelly on male and female contacts.	Visual and physical Inspection	Ok Yes/No		

6	I.R., value and earth resistance	Check IR, value with 2.5 kV megger and earth resistance. Check that double earthing is provided.	Meggering and earth tester	within limit Yes/No		
7	Auxiliary & limit switches	Check conditions of contacts and refinish with fine file if burnt or corroded. Check contact spring operating rod and lever. Check closing and opening position with respect to main switch contacts or travel or motor mechanism.	Visual and physical Inspection	Ok Yes/No		
8	Manual operating Rod	To check for proper engagement of emergency operating handle and further its operation is smooth and satisfactory.	Visual and physical Inspection	Ok Yes/No		

The agency carrying out maintenance should take the photo graphs before and after maintenance and upload the photograph and Checklist in ERP system.

Signature of Agency

Above work as mentioned/ detailed above have been carried out by the agency in my presence. I endorse that work as detailed above have been satisfactorily done.

Signature of the Substation in charge

Name

CPF No.:

Date:

CHECK LIST FOR PREVENTIVE MAINTENANCE OF LIGHTNING ARRESTERS

Name of the Substation :

Code of Substation:

Name of the Division

Date of inspection

Make & Sr.no :

Date of commissioning :

Year of Mfg:

Sr No	Item to be Inspected	Brief Description of Work	How it is to be done	Present status	Corrective Action taken for minor works	Further action required for major works
1	Base & Support	Usual inspection to detect cracking	Visual and physical Inspection	Yes/No		
2	Jumpers & clamps	Check jumpers and clamps for tightness	Visual and physical Inspection	Yes/No		
3	Porcelain shells and insulators	Clean porcelain insulators and arrestor unit shells. Repair chipped spots on porcelain with lacquer such as red clay paint	Visual and physical Inspection	Damaged Porcelain/Chipped spot ok/		
4	Gaps	Check external gaps. Smooth off burnt spots and readjust spacing	Visual and physical Inspection			

5	Line and Ground connection	Check and tighten line and ground connections. Check ground lead for corrosion or damage below ground line. Check ground resistance. See that all leads are as short and direct as possible.	Visual and physical Inspection			
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The agency carrying out maintenance should take the photo graphs before and after maintenance and upload the photograph and Checklist in ERP system.

Signature of Agency

Above work as mentioned/ detailed above have been carried out by the agency in my presence. I endorse that work as detailed above have been satisfactorily done.

Signature of the Substation in charge

Name

CPF No.:

Date:

CHECKLIST FOR PREVENTIVE MAINTENANCE OF 33 kV, 22 kV & 11 kV CIRCUIT BREAKER

Name of the Substation :

Code of Substation:

Name of the Division

Date of inspection

Make & Sr. no :

Date of commissioning :

Year of Mfg:

Sr No	Item to be Inspected	Brief Description of Work	How it is to be done	Present status	Corrective Action taken for minor works	Further action required for major works
1	Alarms and Lamp indication circuit, etc	Test the alarm system for continuity and lighting circuit and earthing system	Press the lamp test push button of annunciator. Also the alarm /electric bell can be tested by simulating the fault condition	Annunciator healthy/ Unhealthy		
2	Local remote operation	Check that breaker can be operated locally and in remote control operation.	Put the L/R switch on local mode for local operation of breaker and on remote mode of the breaker during closing and tripping trials	L/R switch operating/ Not operating		
3	Closing and Tripping coil /solenoid	Observe operation during electrical tripping. See that full energy snappy action of plunger is obtained. Check plunger for sticking in guide.	Check the continuity of the coils by using multimeter. If the reading of multimeter is infinity then the coils are open/damaged	Closing coil healthy /un healthy. Tripping coil healthy /Un healthy		
4	Earth resistance	Check earth resistance of body earthing of circuit breaker	To be measured by earth tester. The value of earth resistance should be less than 5 Ohm	Low/high		

5	Aux. switches	Check conditions of contacts and refinish with fine file if burnt or corroded. Check contact springs, operating rods and levers. Check closing and operating position with respect to main contacts while breaker is slowly closed and opened manually	Take the continuity of the auxiliary contacts. For N/O (Normally open) contact Multi meter will show infinity and for N/C (Normally closed) contact multimeter shows zero. Confirm the change over of auxiliary contact during breaker operation.	Auxiliary contacts corroded/damaged. Changeover of auxiliary contact satisfactory /Non satisfactory		
6	Foundations	Check foundations for cracks and settings. Settings of the breaker tank may break bushings or cause misalignment of contacts or bindings of operating mechanism.	visual check	Foundation OK/cracked /damaged.		
7	Bushings or insulators	Clean porcelain with water, chloroethene or other suitable cleaner. Repair chipped spots by painting with lacquer such as red clay paint. Inspect gaskets for leave, tighten bolts. Check insulation resistance with contacts closed .	visual check	Bushing/Insulator cracked/damaged/chipped/fashover marks		
8	Power supply and wiring	Inspect fuses and circuit breakers of all power and control supply circuits, check in insulation resistance of wiring with devices connected.	wiring continuity is to be taken using continuity tester also the insulation resistance of wiring to be checked by 500v megger	value insulation resistance should be more than 1 Mega Ohm		

9	Interlocking arrangement for safety	Interlocking between a) Breaker and OFF Load Switch (in case vacuum Breaker) b) Breaker and Earth Switch (in case SF6 Breaker) c) Earth Switch and Cable door	a) When Breaker is in closed position, OFF Load Switch should not operate whether the Switch is in closed position or in Open position. b) When Breaker is in closed position, earth switch of the same should not be closed and vice-versa. c) When the Earth Switch is in closed position then only cable door can be open and vice versa.			
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The agency carrying out maintenance should take the photo graphs before and after maintenance and upload the photograph and Checklist in ERP system.

Signature of Agency

Above work as mentioned/ detailed above have been carried out by the agency in my presence. I endorse that work as detailed above have been satisfactorily done.

Signature of the Substation in charge

Name

CPF No.:

Date:



OFFICE OF THE SUPERINTENDING ENGINEER
Maharashtra State Electricity Distribution Co. Ltd,
Old MIDC, Ajantha Road, Jalgaon
Jalgaon:-425003
Web site: - www.mahadiscom.in
Email: sejalgaon@mahadiscom.in

TENDER NO. SE/JLG/T-07/2024-25

(PRICE BID)

Tender for Preventive Maintenance of Substations in Jalgaon Circle , Jalgaon Zone

Estimated cost : Approx. Rs. 100 Lakhs

E.M.D. Rs. 50,000/- (Rs-Fifty Thousands only)

UNDERTAKING

I / we hereby undertake to abide by the following condition of the Tender: That the EMD deposited against the above mentioned tender shall be liable for forfeiture in full, if either:-

- 1) I / we withdraw my / our tender before the company finalized the decision of acceptance the tender.
- 2) In case my / our tender is accepted by the company and I / we fail to pay the P.B.G. / Security Deposit as per Tender conditions against this tender within stipulated period.

Place :

Signature of Tenderer

Date:

LETTER TO THE SUPERINTENDING ENGINEER

To,

Superintending Engineer, Jalgaon Circle
Maharashtra State Electricity Distribution Co. Ltd.,
Jalgaon, Dist. Jalgaon, Pin-425001

Dear Sir,

I/We agree for the rates tendered by me/us subject to the condition of the tender and for which I/We have carefully read and which I/We have thoroughly understood and to which I/We hereby agree.

I/We hereby agree to keep this offer open for 60 days after the returnable date of the Tenders and shall be bound by communication of acceptance dispatched within the prescribed time.

Yours faithfully,

DATE:

Name & Address of the Tenderer.

Seal and Signature of the Tenderer.

Price Bid

Preventive maintenance of 33/11 kV Substation Station as per Schedule A, B & C	
Description	% Rate to be quoted
Charges including consumables item as per Annexure D towards Preventive Maintenance of 33/11 kV Substation Station for the activities & estimated quantities given in Annexure "E"	

1. While quoting the rates the bidder should refer Annexure E for minimum & total estimated quantity.
2. The estimated quantities are taken from division offices as per location-wise survey.
3. The rates quoted should be inclusive of consumable items as per Annexure-D.
4. The major material will be provided by MSEDCL. If not provided by MSEDCL, agency to procure and use in such instances, the cost of such material procured by Agency shall be reimbursed as per prevailing cost data of MSEDCL subject prior approval and certification of Executive Engineer (Admn) of Jalgaon Circle for utilization of Major material in Preventive Maintenance.
5. The cost of transportation of material will be reimbursed by MSEDCL on the cost of major material, as per Annexure-C, as per prevailing cost data, at a rate of 4% on material supplied by agency and at a rate of 1% for material supplied by MSEDCL and towards crediting of old material to store, subject prior approval and certification of Executive Engineer (Admn) of Jalgaon Circle for utilization of Major material in Preventive Maintenance.
6. Old / Damaged cables / materials removed from site shall be credited to Divisional Stores by the Agency and shall be certified by AEE Division office.
7. Applicable rate of G.S.T. _____%(as per notification published).

Seal and Signature of the Tenderer.

Maharashtra State Electricity Distribution Company Limited
List Of Services (REPORT AS ON 05-AUG-2024 10:15 AM)

ORDER TYPE	SCHEDULE TYPE	ASSET	SERVICE NAME	DESCRIPTION	UNIT OF MEASUREMENT	SCHEDULED RATE
Preventive	A	SUBSTATION	PM.SS.001	One Power Transformer 5 / 10 MVA	No	10980
Preventive	A	SUBSTATION	PM.SS.002	Two Power Transformer 5 / 10 MVA	No	15250
Preventive	A	SUBSTATION	PM.SS.003	Three Power Transformer 5 / 10 MVA	No	18300
Preventive	A	SUBSTATION	PM.SS.004	Switching Station 1 I /C & 4 O/G	No	4880
Preventive	A	SUBSTATION	PM.SS.005	Switching Station 2 I /C & 8 O/G	No	7320
Preventive	B	SUBSTATION	PM.SS.006	REPL failed/damaged CT/PT/LAs in Substn	No	1220
Preventive	B	SUBSTATION	PM.SS.007	REPL faulty battery cell 30V&110V batt	No	244
Preventive	B	SUBSTATION	PM.SS.008	REPL of faulty battery charger	No	610
Preventive	B	SUBSTATION	PM.SS.009	REPL Sub Stn DT for aux supply	No	1220
Preventive	B	SUBSTATION	PM.SS.010	REPL of damaged circuit breakers	No	3660
Preventive	B	SUBSTATION	PM.SS.011	REPL damaged/faulty capacitor cell/cable	No	122
Preventive	B	SUBSTATION	PM.SS.012	REPL of damaged or faulty RVT	No	1220
Preventive	B	SUBSTATION	PM.SS.013	REPL damaged/deteriorated earthing set	EA	12200
Preventive	C	SUBSTATION	PM.SS.014	REPL control cable by proper size,core	M	31
Preventive	C	SUBSTATION	PM.SS.015	Stringing Bus between Gantry 0.2ACSR con	EA	2440
Preventive	C	SUBSTATION	PM.SS.016	Laying of Power cable within Substation	M	183
Preventive	C	SUBSTATION	PM.SS.017	Recondition,paint muffing & foundations	No	366
Preventive	C	SUBSTATION	PM.SS.018	Fixing of Fire Extinguisher with stand	Set	5124
Preventive	C	SUBSTATION	PM.SS.019	REPL of Substation Isolator 33 or 22 kV	Set	1830
Preventive	C	SUBSTATION	PM.SS.020	REPL of 11 kV AB Switch	Set	1220
Preventive	C	SUBSTATION	PM.SS.021	REPL of Line type Lightning Arrestor	Set	366
Preventive	B	SUBSTATION	PM.SS.027	Breaker-Repairing frame, fixing extension for MS Angle frame for lifting the required working height from ground level with fabrication	NO	1647
Preventive	B	SUBSTATION	PM.SS.028	Breaker-Dismantling cleaning fuse chamber of lbsf,insulating sheets for carbon and refixing with fixing arrangement	NO	488
Preventive	B	SUBSTATION	PM.SS.029	Breaker-Providing & fixing HT HRC 11 kV fuse of proper rating with reconditioning, adjusting tripper mechanism of lbsf	NO	4819
Preventive	B	SUBSTATION	PM.SS.030	Breaker-Providing & fixing HT HRC 22 kV fuse of proper rating with reconditioning, adjusting tripper mechanism of lbsf	NO	7265
Preventive	B	SUBSTATION	PM.SS.031	Breaker-Removing of oil for repairs and again top up the oil (oil and empty drum by company)	NO	427
Preventive	B	SUBSTATION	PM.SS.032	Breaker-Providing and fixing insulating arms for male/female contacts for lbsf and lbs	NO	3050
Preventive	B	SUBSTATION	PM.SS.033	Breaker-Dismantling, reconditioning and fixing of 11 kV Male & Female contacts with necessary parts	NO	5856
Preventive	B	SUBSTATION	PM.SS.034	Breaker-Dismantling, reconditioning and fixing of 22 kV Male & Female contacts with necessary parts	NO	8540

Preventive	B	SUBSTATION	PM.SS.035	Breaker-Making alignment of male/ female contacts for smooth operation	NO	1220
Preventive	B	SUBSTATION	PM.SS.036	Breaker-Replacement of closing/tripping coil	NO	732
Preventive	C	SUBSTATION	PM.SS.037	Yard Lighting-Labour charges for Providing and Fixing Substation yard light (LED) with fixture of Philips/HavelEA/ Crompton standard make with ISI make.	NO	244
Preventive	C	SUBSTATION	PM.SS.038	Yard Lighting-Providing and Fixing 4Cx6 sq mm armoured cable	RMT	268
Preventive	C	SUBSTATION	PM.SS.039	Yard Lighting-Providing and Fixing main switch 32A/ 415 V TPN Philips/ HavelEA/ Crompton standard make with ISI mark	NO	2013
Preventive	C	SUBSTATION	PM.SS.040	Yard Lighting-Providing and fixing GI/PVC pipe suitable for light fitting along with clamps wherever required	NO	671
Preventive	C	SUBSTATION	PM.SS.041	Yard Lighting-Providing and Fixing 2.5 sq mm flexible wire	RMT	171
Preventive	C	SUBSTATION	PM.SS.042	Yard Lighting-Providing and fixing of earthing of poles	NO	2318
Preventive	C	SUBSTATION	PM.SS.043	Yard Lighting-Providing and fixing of pole junction box with MCB	NO	1586
Preventive	C	SUBSTATION	PM.SS.044	Replacement of all types of Relay	NO	1220
Preventive	C	SUBSTATION	PM.SS.045	Repairs of Relay-Overcurrent Earth Fault	NO	4270
Preventive	C	SUBSTATION	PM.SS.046	Repairs of Relay-Differential Protection Relay	NO	11590
Preventive	C	SUBSTATION	PM.SS.047	Repairs of Relay-Auxillary Protection Relay	NO	915
Preventive	C	SUBSTATION	PM.SS.048	Repairs of Relay-Master Trip Relay	NO	671
Preventive	C	SUBSTATION	PM.SS.049	Draining of Oil from Transformer to Empty barrel	L	6
Preventive	C	SUBSTATION	PM.SS.050	Filling of Oil from fresh oil barrel into transformer main tank and OLTC through filter machine	L	6
Preventive	C	SUBSTATION	PM.SS.051	Filtration of Oil up to 10 MVA Tranformer & OLTC in Substation	L	6
Preventive	C	SUBSTATION	PM.SS.052	Radiator repairing charges	EA	3660
Preventive	C	SUBSTATION	PM.SS.053	Dismantling top plate to attend oil leakage, for replacement of gasket and other minor repair work of power transformer at site	EA	18300
Preventive	C	SUBSTATION	PM.SS.054	Supply and Fixing of HT/LT rubber set suitable for 10	NO	793
Preventive	C	SUBSTATION	PM.SS.055	Supply and Fixing 60x6 copper strip for connection	NO	1159
Preventive	C	SUBSTATION	PM.SS.056	Providing & replacement all required Gaskets & Washers of Main tank cover (Top cover)	EA	18300
Preventive	C	SUBSTATION	PM.SS.057	Providing & replacement all required Gaskets & Washers of LV/HV Bushings	NO	2288
Preventive	C	SUBSTATION	PM.SS.058	Providing & replacement all required Gaskets & Washers of Explosion Vent Pipe	EA	1220
Preventive	C	SUBSTATION	PM.SS.059	Providing & replacement all required Gaskets & Washers of Inspection window of Top cover	NO	2745
Preventive	C	SUBSTATION	PM.SS.060	Providing & replacement all required Gaskets & Washers of conservator tank & its valve	EA	6863
Preventive	C	SUBSTATION	PM.SS.061	Providing & replacement all required Gaskets & Washers of Inspection window of OLTC	EA	11438
Preventive	C	SUBSTATION	PM.SS.062	Providing & replacement all required Gaskets & Washers of Radiators	NO	1830
Preventive	C	SUBSTATION	PM.SS.063	Overhauling of OLTC	EA	3813
Preventive	C	SUBSTATION	PM.SS.064	Providing & Replacement of LV Bushing	NO	2288

Preventive	C	SUBSTATION	PM.SS.065	Providing & Replacement of HV Bushing	NO	2745
Preventive	C	SUBSTATION	PM.SS.066	Painting of outdoor all structure & equipment including Gantry, CTs, PTs, Isolators, etc	NO	305000
Preventive	C	SUBSTATION	PM.SS.067	Providing & Fixing of Radiators with gasket for 10 MVA transformers with topping of oil	NO	34178
Preventive	C	SUBSTATION	PM.SS.068	Providing & Fixing of Plunger Assembly	NO	1220
Preventive	C	SUBSTATION	PM.SS.069	Providing & Fixing of Tripping Spring	NO	1586
Preventive	C	SUBSTATION	PM.SS.070	Providing & Fixing of small bearing	NO	1830
Preventive	C	SUBSTATION	PM.SS.071	Providing & Fixing of Drive Rod complete	NO	4270
Preventive	C	SUBSTATION	PM.SS.072	Providing & Fixing of Spring charging retrofit motor 230 V AC DC UMG type	NO	11682
Preventive	C	SUBSTATION	PM.SS.073	Providing & Fixing of Trip catch with all linkage assembly	NO	4026
Preventive	C	SUBSTATION	PM.SS.074	Providing & Fixing of reconditioning of VCB	NO	5490
Preventive	C	SUBSTATION	PM.SS.075	Providing & Fixing of Rectifier for circuit motor	NO	1220
Preventive	C	SUBSTATION	PM.SS.076	Providing & Fixing of LED Lamp Indication	NO	305
Preventive	C	SUBSTATION	PM.SS.077	Replacement of faulty battery cell suitable for 30V & 110V battery	NO	244
Preventive	C	SUBSTATION	PM.SS.078	Replacement of faulty battery charger	NO	610
Preventive	B	SUBSTATION	PM.SS.079	Repairs/Reconditioning of 2V, 100 AH Battery sets (including electrolyte charge, discharge)	NO	3660
Preventive	B	SUBSTATION	PM.SS.080	Repairs/Reconditioning of 6V, 60 AH Battery sets (including electrolyte charge, discharge)	NO	4270
Preventive	B	SUBSTATION	PM.SS.081	Repairs/Reconditioning of 6V, 100 AH Battery sets (including electrolyte charge, discharge cycles & commissioning)	NO	4941
Preventive	C	SUBSTATION	PM.SS.082	Repair/Reconditioning/Repl of Battery Cell & Charger	SET	1220
Preventive	C	SUBSTATION	PM.SS.083	Providing & Fixing of lead strips (Battery Maint.)	NO	122
Preventive	C	SUBSTATION	PM.SS.084	Providing & replacement of HV Bushing rod with accessories for Power Transformer	NO	6222
Preventive	C	SUBSTATION	PM.SS.085	Providing & replacement of HV Bushing rod with accessories for Power Transformer	NO	5063
Preventive	C	SUBSTATION	PM.SS.086	Providing & replacement of Bucholz Relay	NO	14030
Preventive	C	SUBSTATION	PM.SS.087	Providing & replacement of Oil Temperature Indicator (OTI) with mercury switch	NO	6710
Preventive	C	SUBSTATION	PM.SS.088	Providing & replacement of Winding Temperature Indicator (WTI) with mercury switch	NO	6710
Preventive	C	SUBSTATION	PM.SS.089	Providing & replacement of Oil Temperature Indicator (OTI) other than mercury switch/micro switch	NO	6710
Preventive	C	SUBSTATION	PM.SS.090	Providing & replacement of Winding Temperature Indicator (WTI) other than mercury switch/micro switch	NO	6710
Preventive	C	SUBSTATION	PM.SS.091	Providing & replacement of Breather with silica gel for main tank	NO	3355
Preventive	C	SUBSTATION	PM.SS.092	Providing & replacement of Breather with silica gel for OLTC	NO	2196
Preventive	C	SUBSTATION	PM.SS.093	Providing & replacement of Oil Surge Relay	NO	9515
Preventive	C	SUBSTATION	PM.SS.094	Providing & replacement of Oil level Indicator Glass with accessories	NO	2318

Maharashtra State Electricity Distribution Company Limited

List Of Services (REPORT AS ON 05-AUG-2024 10:15 AM)

MATERIAL CODE	MATERIAL DESCRIPTION	UNIT OF MEASUREMENT	SR NO PROFILE	HSN CODE	COST (GENERAL)
10151501534	30V/100AH LEAD ACID STAT. BATTERY	NO	Y		72000
10156300404	30 V, 100 AH LEAD ACID BATTERY	NO	Y		39240
10501503524	BATTERY CHARGER SUITABLE FOR 30V, 100AH LEAD ACID STATIONARY BATTERY SET	SET	Y		82800
10507130214	30 V, 100 A.H. BATTERY CHARGER	NO	Y		36000
11212422025	L.T.XLPE CABLE ARM. 3.5C X 70 SQ.MM.	M	N		269
11212423005	L.T.XLPE CABLE ARM. 3.5C X 120 SQ.MM.	M	N		444
11212424075	L.T.XLPE CABLE ARM. 3.5C X 185 SQ.MM.	M	N		662
1121242409	LT XLPE CABLE SINGLE CORE 35 MM2	M	N		53
1121242410	LT XLPE CABLE SINGLE CORE 70 MM2	M	N		73
11212425045	L.T.XLPE CABLE ARM. 3.5C X 240 SQ.MM.	M	N		848
11212426015	L.T.XLPE CABLE ARM. 3.5C X 300 SQ.MM.	M	N		979
11214207045	LT XLPE AL UARM CAB 1C X 70SQMM	M	N		56
11214207125	LT XLPE UNARMoured 1 C X 50 SQMM CABLE	M	N		50
11214212055	LT XLPE CABLE 1C X 300SQMM	M	N		264
11214212065	LT XLPE SINGLE CORE CABLE 120 SQMM	M	N		120
11214212075	LT XLPE SINGLE CORE CABLE 240 SQMM	M	N		220
11232414085	11 KV XLPE CABLE 3 CORE 50 SQ.MM	M	N		560
11232415565	11 KV XLPE CABLE 3 CORE 95 SQ.MM	M	N		799
11232416535	11 KV XLPE CABLE 3 CORE 185 SQ.MM	M	N		1158
11232418075	11 KV XLPE CABLE 3 CORE 300 SQ.MM	M	N		1469
11242415505	22 KV XLPE CABLE 3 CORE 95 SQ.MM	M	N		1142
11242418015	HT XLPE CABLE 22 KV 3C X 300SQ.MM.	M	N		1932
11252418045	HT XLPE CABLE 33KV 3C X 300 SQMM	M	N		2137
11252420025	33KV HT TR XLPE 3 CORE 300 SQ.MM	M	N		1641
11252420375	22 KV HT TR XLPE 3 CORE 300 SQ.MM	M	N		1932
11252420615	11 KV HT TR XLPE CABLE 3 CORE 95 SQ.MM	NO	N		592
11252421695	11 KV HT TR XLPE CABLE 3 CORE 185 SQ.MM	NO	N		858
11252421855	11 KV HT TR XLPE CABLE 3 CORE 300 SQ.MM	M	N		1469
11312423085	L.T.XLPE CABLE 3.5CX120SQ.MM.	M	N		444
11313131085	1100V LT CONTROL CABLE WITH STRANDED UNTINNED COPPER CONDUCTOR SIZE 4C X 2.5 SQ.MM. UNARMoured	M	N		88
11313136045	1100V LT CONTROL CABLE WITH STRANDED UNTINNED COPPER CONDUCTOR SIZE 2C X 2.5 SQ.MM. UNARMoured	M	N		55

11313146015	1100V LT CONTROL CABLE WITH STRANDED UNTINNED COPPER CONDUCTOR SIZE 12CX2.5 SQ.MM. UNARMoured	M	N		281
11313161075	1100V LT CONTROL CABLE WITH STRANDED UNTINNED COPPER CONDUCTOR SIZE 19CX2.5 SQ.MM. UNARMoured	M	N		431
11313306065	1100V LT CONTROL CABLE WITH STRANDED UNTINNED COPPER CONDUCTOR SIZE 2CX2.5 SQ.MM. ARMoured	M	N		72
11313306575	C.CBL.1.1KV.CU.ARM.2X4 SQ.MM.	M	N		75
11313331095	1100V LT CONTROL CABLE WITH STRANDED UNTINNED COPPER CONDUCTOR SIZE 4X2.5SQ.MM ARMoured	M	N		114
11313331175	ARMoured COPPER CONTROL CABLE 2CX4 SQ.MM.	M	N		97
11313338005	1100V LT CONTROL CABLE WITH STRANDED UNTINNED COPPER CONDUCTOR SIZE 7X2.5SQ.MM ARMoured	M	N		181
11318506005	CONTROL CAB 1.1KV (FS) 2X2.5SQ MM CU AR.	M	N		55
11318531025	CONTROL CABLE 1.1KV(FS) 4X2.5SQ MM AR CU	M	N		88
11318538035	CONTROL CABLE 1.1KV(FS) 7X2.5SQ MM AR CU	M	N		139
11318546055	CONTROL CABLE 1.1KV(FS) 12X2.5SQ MM ARCU	M	N		216
11318561015	CONTROL CABLE 1.1KV(FS) 19X2.5SQ MM ARCU	M	N		331
11413407585	LT PVC CABLE 2X10SQ.MM.ARM.,AL	M	N		35
11413408045	1100 VOLTS GRADE L.T.PVC CABLE 2C X 16SQ.MM. AL.ARMoured	M	N		57
11413421065	1100 VOLTS GRADE L.T.PVC CABLE 3.5C X 35SQ.MM. AL.ARMoured	M	N		157
11413421575	1100 VOLTS GRADE L.T.PVC CABLE 3.5C X 50SQ.MM. AL.ARMoured	M	N		165
11413433075	1100 VOLTS GRADE L.T.PVC CABLE 4C X 16SQ.MM. AL.ARMoured	M	N		327
11414205577	WP WIRE 1.5 SQMM T/C	COI	N	85445950	1
11414207517	WP WIRE 10 SQMM T/C	COI	N		2835
11417001005	AERIAL BUNCHED CABLE 3 X 70 + 16 + 50 SQ.MM AS PER SPECIFICATION	M	N		227
11812001005	A.A.C. GNAT.CONDUCTOR.	M	N		12
11812002075	A.A.C. ANT. CONDUCTOR.	M	N		23
11822045085	A.C.S.R.CONDUCTOR PANTHER 0.2	M	N		127
11862012015	AAAC 34 SQMM COND	M	N		18
11862021515	ALL ALUMINIUM ALLOY CONDUCTOR OF 55 SQ.MM.	M	N		35
11862035065	AAAC 100 SQMM COND	M	N		67
11995607825	W.P.WIRE. T C 4 SQMM	M	N		987
11995607915	PVC WP WIRE T.C.2.5SQ MM	M	N		859
11999814275	L.T. XLPE AMOURRED 2C 16 SQMM CABLE	M	N		70
11999814355	L.T. XLPE ARMoured CABLE 3 1/2 C 50 SQ.MM.	M	N		203

11999814435	L.T. XLPE ARMOURED CABLE 4CORE 16SQ.MM.	M	N		90
12005400495	11 KV HEAT SHRINKABLE STRAIGHT THROUGH JOINT KIT FOR 3 C X 185 SQMM	NO	N		5043
12005400735	11 KV HEAT SHRINKABLE STRAIGHT THROUGH JOINT KIT FOR 3 C X 240 SQMM	NO	N		5289
12005400815	11 KV HEAT SHRINKABLE STRAIGHT THROUGH J	NO	N		1169
12005911315	11 KV HEAT SHRINKABLE INDOOR TERMINATION JOINT KIT FOR 3 C X 95 SQMM	NO	N		1169
12005911745	11 KV HEAT SHRINKABLE INDOOR TERMINATION JOINT KIT FOR 3 C X 240 SQMM	NO	N		1582
12005911825	11 KV HEAT SHRINKABLE INDOOR TERMINATION JOINT KIT FOR 3 C X 300 SQMM	NO	N		1662
12005913795	11 KV HEAT SHRINKABLE OUTDOOR TERMINATION JOINT KIT FOR 3 C X 300 SQMM	NO	N		2030
12005913875	11 KV HEAT SHRINKABLE OUTDOOR TERMINATION JOINT KIT FOR 3 C X 240 SQMM	NO	N		2030
12005913955	11 KV HEAT SHRINKABLE OUTDOOR TERMINATION JOINT KIT FOR 3 C X 185 SQMM	NO	N		1907
12005914095	11 KV HEAT SHRINKABLE OUTDOOR TERMINATION JOINT KIT FOR 3 C X 95 SQMM	NO	N		1459
12007512525	22 KV TERMINATION JOINT (OD) FOR 3 C / 95 MM SQ.	NO	N		12077
12007514735	22KVXLPE TERNATION/JTINGKITS OD 3CX240MM	NO	N		12468
12007515545	22KVXLPE TERNATION/JTING KITSOD 3CX300MM	NO	N		12874
12008301875	11 KV HEAT SHRINKABLE OUTDOOR TERMINATION JOINT KIT FOR 3 C X 120 SQMM	NO	N		1907
12008701545	22 KV HEAT SHRIK INDOOR TERMINATION JOINT (AL) KIT FOR XLPE 3 C X 240 SQMM	NO	N		9023
12008702195	22 KV HEAT SHRIK INDOOR TERMINATION JOINT (AL) KIT FOR XLPE 3 C X 95 SQMM	NO	N		9023
12121025015	LT MS CBL.JT,KT.E/T3.5X185SQMM	NO	N		805
12184015695	22 KV HEAT SHRIK OUTDOOR TERMINATION JOINT (AL) KIT FOR XLPE 3 C X 300 SQMM	NO	N		13715
12184015775	22 KV HEAT SHRIK STRAIGHT THROUGH JOINT (AL) KIT FOR XLPE 3 C X 300 SQMM	NO	N		24600
12184025655	L.T. JOINTING KITS FOR 70 SQMM	NO	N		448
12184025735	11 KV HEAT SHRINKABLE STRAIGHT THROUGH JOINT KIT FOR 3 C X 50 SQMM	NO	N		4182
12184025815	11 KV HEAT SHRINKABLE OUTDOOR TERMINATION JOINT KIT FOR 3 C X 50 SQMM	NO	N		1459
12189315505	JOINTING KIT OD HS 33KV XLPE 3X300SQ MM	NO	N		19028
12189802915	33KV HS I/D TER JOI(AL) KIT F XLPE3CX300	NO	N		14145
12189803055	33KV HS O/D TER JOI(AL) KIT F XLPE3CX300	NO	N		19028

12189803135	33KV HS TERM JOINT(AL) KIT F XLPE3CX300	NO	N		36900
12189809505	LT JOINT KIT 95 SQMM	NO	N		504
12189815315	LT ST.THROUGH JOINTS FOR 185 SQMM	NO	N		864
12189815495	LT ST.THROUGH JOINTS FOR 240 SQMM	NO	N		1254
12189815575	LT ST.THROUGH JOINTS FOR 300 SQMM	NO	N		1254
12189815655	22 KV ST. THROUGH JOINTS FOR 3 C / 300	NO	N		24600
12189815735	22 KV ST. THROUGH JOINTS FOR 3 C / 240 MM SQ.	NO	N		24600
12194512505	JOINTINGKT OD CS 11KV 3X95 SQ MM	NO	N		1459
12194514035	JOINTINGKT OD CS 11KV 3X185SQ MM	NO	N		1907
12194515515	JOINTINGKT OD CS 11KV 3X300SQ MM	NO	N		2030
12195012575	JOINTINGKT ID CS 11KV 3X95 SQ MM	NO	N		1169
12195013035	JOINTINGKT ID CS 11KV 3X120SQ MM	NO	N		1538
12195014015	JOINTINGKT ID CS 11KV 3X185SQ MM	NO	N		1538
12195014785	JOINTINGKT ID CS 11KV 3X240SQ MM	NO	N		1582
12209315595	LT JOINTING KITS FOR 120 SQ MM	NO	N		560
1251615022	RCC HALF ROUND PIPE (1MTR)	NO	N		143
1251662022	R.C.C. PIPE 150 MM 2 M	NO	N		572
13908070037	ARIAL BUNCH CABLE 50SQMM	RMT	N		123
13995602307	LT ARIAL BUNCH CABLE 70SQ MM	M	N		141
14051003515	AL.CRIMP LUG S.PALM 35 SQ.MM.	NO	N	76169910	529
14064018515	BIMETALLIC LUGS 185 SQ.MM.	NO	N		23
1500160029	SCREENED RIVER SAND	M3	N		255
16023500095	22 KV POST INSULATOR	NO	N		474
16087056235	33 KV POST INSULATOR	NO	N		601
16156503715	33 KV PIN INSULATORS	NO	N		355
16200501015	LT STAY INSULATORS	NO	N		12
16250512035	LT SHACKLE INSULATORS	NO	N		12
16251007275	11KV PIN INSULATORS (MINIMUM CREEPAGE DISTANCE 320MM)	NO	N		160
16251017075	11 KV PIN INSULATORS WITH G.I. PINS	NO	N		109
16251017155	22 KV PIN INSULATORS WITH G.I. PINS	NO	N		386
16251017235	33 KV PIN INSULATORS WITH G.I. PINS	NO	N		463
16253509015	22 KV PIN INSULATOR C.D.560 MM	NO	N		336
16402030015	11KV 45 KN DISC INSULATORS.	NO	N		281
16402032065	11KV DISC INSULATOR 70 KN, WITH CD 320MM AND AS PER MSEDCL'S SPECIFICATION	NO	N		310
16402040085	11 KV DISC INSULATORS.N.70 KN	NO	N		310
16403050095	11 KV DISC INSU.T&C 4500 KG.	NO	N		281
16999001565	L.T.SPACERS	NO	N		127
17195600989	3 CELL TORCH	NO	N		460
17375140107	Flood light controlgearbox&70WLEDLMP	NO	N	94054090	7245

19020410244	11 KV LIGHTNING (SURGE) ARRESTOR GAPLESS TYPE WITH DISCONNECTOR AS PER MSEDCL SPECIFICATION ENCLOSED	NO	N		1458
19020501044	22KV,LIGHTNING ARRESTOR STN.TY	NO	N		13666
19020510204	22 KV LIGHTNING (SURGE) ARRESTOR GAPLESS TYPE WITH DISCONNECTOR AS PER MSEDCL SPECIFICATION ENCLOSED	NO	N		2622
19026500394	11 KV LIGHTNING ARRESTORS (STATION TYPE)	NO	N		8000
19027203634	33KV LA STATION TYPE COMPLETE SET	SET	N		11297
19195300374	200 AMP HRC FUSE LINKS .	NO	N		350
19220410044	11KV H.G.FUSES	SET	N		2357
19220512044	22KV H.G.FUSES	SET	N		5360
19226306464	11 KV HORN GAP FUSE	SET	N		2357
19550401014	11KV A.B. SWITCH	SET	N		11088
19550502034	22KV A.B.SWITCH	SET	N		17336
19570420034	11 KV 200 AMP AUTOMATIC CAPACITOR SWITCH	NO	N		237536
19600001174	6 WAY FEEDER PILLAR WITH ACB	NO	N		74356
19600001334	8 WAY FEEDER PILLAR WITH ACB	NO	N		77028
19600500334	22 KV HT CU BUS BAR FEEDER PILLER 4 WAYS	NO	N		69145
19600500414	L T 4WAY FEEDER PILLER	NO	N		27528
19600500504	LT 3 WAY AL. BUS BAR FEEDER PILLER	NO	N		18606
19601000654	L T 6WAY FEEDER PILLER WITH ACB	NO	N		74356
19601506314	63 KVA L.T. D.B. WITH MCCB WITH SMC MAT.	NO	Y		33759
19601510004	100 KVA LT DB WITH MCCB WITH SMC MAT.	NO	Y		34131
19601520064	200 KVA LT DB WITH MCCB WITH SMC MAT.	NO	Y		64090
19605002094	A.C. DISTRIBUTION BOARD 'B' TYPE.	NO	N		24325
19605203744	11KV H.T.FEEDER PILLARS	NO	N		30140
19605208544	LT FEEDER PILLAR 4 WAY	NO	N		27528
19605504194	MARSHALLING BOX	NO	N		5783
19605636004	L.T. FEEDAR PILLAR 6 WAY	NO	N		35040
19605907124	L.T. MINI FEEDAR PILLAR	NO	N		10596
19605910854	11 KV FEEDER PILLAR 4 WAY	NO	N		91438
19606310013	GANG OPERATED DEVICE SET	SET	N		16080
19606316304	63KVA L.T.DISTRIBUTION BOXES MANUFACTURED BY USING FABRICATION PROCESS WITH MCCB	NO	N		13497
19606320084	200 KVA L T DISTRIBUTION BOXES MANUFACTURED BY USING FABRICATION PROCESS WITH MCCB	NO	N		27245
19606610084	100KVA L.T.DISTRIBUTION BOXES MANUFACTURED BY USING FABRICATION PROCESS WITH MCCB	NO	N		15386
19606810094	100KVA L.T.DISTRIBUTION BOXES MANUFACTURED BY USING FABRICATION PROCESS WITH KITKAT	NO	N		14201

19606906364	63KVA L.T.DISTRIBUTION BOXES MANUFACTURED BY USING FABRICATION PROCESS WITH KITKAT	NO	N		12960
19607102114	A.C. DISTRIBUTION BOARD 'B' TYPE	NO	N		24325
19657001687	KIT KAT FUSES 16 AMP.	NO	N		56
19657020047	200A PORCELAIN R/W KITKAT FUSE UNITS	NO	N		600
19657020637	KIT KAT 200 AMP	NO	N		840
19995637554	LT MINI FEEDER PILLER FUSE TYPE	NO	N		10596
19999814504	L.T.DIST.BOXES 200 KVA WITH KITKAT	NO	Y		28080
19999814509	COAL	KG	N		17
19999814764	LT DIST. BOX 25 KVA WITH KITKAT	MT	N		65475
19999814844	COLUMN TYPE HG(4 NOS.)-496.0 KG.	MT	N		65475
19999814924	LT FEEDER PILLAR 6 WAY	NO	N		35040
19999814929	CONCRETING RATION 1:3:6	M3	N		3935
19999815064	LT FEEDER PILLAR 8 WAY	NO	N		45876
20112008373	3*200 KVA 22KV D T/F OD CSP&MET LTDBMCCB	NO	Y		306520
20113001063	10KVA11/0.433KV3PHDISTTRANFSTAR1/EEL-2	NO	Y		49250
20113001653	16KVA11/0.433KV3PHDISTTRANFSTAR1/EEL-2	NO	Y		51663
20113002543	DIS.TRANF.25KVA 11/0.433KV AL	NO	Y		47113
20113031563	315 KVA , 11/0.433KV OUTDOOR TYPE 3 PHASE DISTRIBUTION TRANSFORMER	NO	Y		564070
20113063093	630 KVA , 11/0.433KV OUTDOOR TYPE 3 PHASE DISTRIBUTION TRANSFORMER	NO	Y		805697
20113132593	25KVA11/0.433KV3PHDISTTRANFSTAR1/EEL-2	NO	Y		47113
20114003053	200 KVA, 22/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		398476
20114003213	200 KVA, 11/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		253678
20114003483	100 KVA, 22/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		252975
20114003643	100 KVA, 11/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		140963
20114003813	63 KVA, 22/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		189213
20114004023	63 KVA, 11/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		107770

20114004293	25KVA, 11/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		195137
20114004453	25KVA, 22/.433KV (CONVENTIONAL TYPE), 3 PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE.	NO	Y		94734
20114011583	THREE STAR RATING 63 KVA, 11/.433KV, THREE PHASE DISTRIBUTION TRANSFORMER WITHOUT CSP FEATURE & DTC METERING WITH C.T. WITHOUT M	NO	Y		81137
20115031553	315 KVA , 22/0.433KV OUTDOOR TYPE 3 PHASE DISTRIBUTION TRANSFORMER	NO	Y		598906
20115063083	630 KVA , 22/0.433KV OUTDOOR TYPE 3 PHASE DISTRIBUTION TRANSFORMER	NO	Y		887224
20118063013	630KVA 11/0.433KV OD DIST T/F	NO	Y		805697
20119815373	CONNECTORS FOR T/F BUSHING	NO	N		4350
20119982863	11 KV METERING CUBICAL WITH 25/5	NO	Y		102000
20119983083	25KVA 22/0.433KV3PHDISTTRANFSTAR1/EEL-2	NO	Y		85200
20119983163	16KVA22/0.433KV3PHDISTTRANFSTAR1/EEL-2	NO	Y		72625
20119983243	10KVA22/0.433KV3PHDISTTRANFSTAR1/EEL-2	NO	Y		59650
20123005093	25 KVA 11/0.433 KV 3 PH. DISTRIBUTION TRANSFORMER, ENERGY EFFICIENT LEVEL-I (THREE STAR) , W/O CSP, AS PER IS1180-2014	NO	Y		48800
20133031533	315 KVA , 11KV ID 3 PH DIST T/F	NO	Y		571675
20133063063	630KVA 11/0.433KV ID 3P DT	NO	Y	85042100	626384
20135063053	630KVA,22KV ID 3 PHASE DIST T/F	NO	Y	85042100	688147
20451131513	315 KVA , 11KV OD 3 PH DIST T/F DRY VPI	NO	Y	85042100	433900
20999808023	DIST TRANS. 11/0.433 KV 100 KVA (AMDT)	NO	Y		52554
20999808373	DIST. TRANSFORMER 995 KVA, 11/0.4 KV	NO	Y		1130550
20999808453	DIST.TRANS. 11/0.433 KV 63 KVA (AMDT)	NO	Y		86216
20999809003	11 KV SDT WITH ALL ACCESSORIES	SET	N		152088
20999809183	22 KV SDT WITH ALL ACCESSORIES	SET	N		225313
20999809263	SINGLE PH 11KV TRANSFORMER 25 KVA	NO	Y		52740
20999809343	DIST. T/F 11 / 0.4 KV 25 KVA.	NO	Y		58891
21020501025	HT STAY SETS	SET	N		807
21020502005	LT STAY SETS	SET	N		637
2106500599	BLACK BITUMINOUS PAINT	L	N		98
2110102079	ALUMINIUM PASTE FOR PAINT	L	N		130
21153238255	CON PALM T TERM 1X0.5MOOSE ACSR TC16M	NO	N		928
21155619215	PG CLAMP	NO	N		31
21304250145	LT SHACKLE HARDWARE	PAA	N		50
21550054945	H.T.EARTHING SETS	SET	N		462
21550055085	EARTHING SET L.T.	SET	N		224

21706301335	DANGER BOARD IN YARD.	NO	N		58
21757038725	0.1 ACSR 'T' CONNECTOR	NO	N		843
21758700195	WEDGE CONNECTOR ANT TO ANT	NO	N		131
21758700275	WEDGE CONNECTOR GNAT TO GNAT	NO	N		131
21758700355	WEDGE CONNECTOR WEASEL TO WEASEL	NO	N		131
21758700515	WEDGE CONNECTOR RABIT TO RABIT	NO	N		131
21758700605	WEDGE CONNECTOR RACCON TO RACCON	NO	N		505
21758700785	WEDGE CONNECTOR DOG TO DOG	NO	N		642
21758700865	WEDGE CONNECTOR PANTHER TO PANTHER	NO	N		826
21805619035	22 KV V CROSS ARM WITH CLAMP	NO	N		1223
21805619115	TOP FITTING	KG	N		91
21807160285	33 KV V CROSS ARMS	NO	N		1223
21807299615	11 KV V CROSS ARM WITH CLAMP	NO	N		863
21808563185	11KV TOP FITTING	NO	N		166
21808563265	22KV TOP FITTING	NO	N		516
21999803205	33 KV TOP FITTING	NO	N		516
21999805415	CLAMP FOR 22 KV VCB	NO	N		2346
21999805595	ALUMINIUM BOBBINS FOR NEUTRAL	NO	N		37
21999805755	CLAMPS FOR 22 KV ISOLATOR	NO	N		1173
21999805915	CLAMPS FOR 33 KV C.T.	NO	N		1668
21999806055	CLAMPS FOR 33 KV ISOLATOR	NO	N		1141
21999806135	CLAMPS FOR 33 KV P.T.	KG	N		49
21999806215	BINDING WIRE	KG	N		81
21999806305	CLAMPS FOR BREAKER	NO	N		1941
21999806485	CLAMPS FOR CTS	NO	N		1668
21999807535	CLAMP FOR PT	NO	N		1668
21999807705	CLAMPS FOR 22 KV C.T.	NO	N		1639
21999808185	CLAMPS FOR 33 KV P.T.	NO	N		1668
21999808345	CLAMPS FOR 33 KV V.C.B.	NO	N		2415
21999808515	CLAMPS FOR ISOLATOR	NO	N		972
21999819035	STRAIN HARDWARE FOR 34 SQ.MM AAAC	NO	N		161
21999819115	STRAIN HARDWARE FOR 55 SQ.MM AAAC	NO	N		161
21999819205	STRAIN HARDWARE FOR 80 SQ MM	NO	N		290
21999821795	T CONNECTORS SUITABLE FOR 200 SQMM TWIN CONDUCTOR	NO	N		995
21999821875	T-CONNECTOR FOR 100 SQ MM CONDUCTOR	NO	N		843
21999821955	T-CONNECTOR FOR 200 SQ MM CONDUCTOR(COMPRESSION TYPE)	NO	N		3855
21999822175	TRANSFORMER CLAMPS	NO	N		829
21999822845	STAY WIRE 7/8	KG	N		72
29999813245	G.I.NUT BOLTS	KG	N		112
29999813325	G.I.NUT BOLTSS WASHER & MISC MATERIAL	LS	N		2781

29999813415	G.I.STRIP (25 X 3 MM)	KG	N		90
33011008831	M.S.ANGLE 50X50X6 MM	KG	N		70
33029813101	G.I.ANGLE 75X40 MM	KG	N		95
33029815731	M.S. ANGEL(75 X 40 MM)	KG	N		70
33281011211	R.S.J.POLES 116X100 MM 10 RMT	NO	N		13882
33281011481	116X100MM. RSJ POLE 11 MTR.	NO	N		12493
33281012611	RSJ 125 X 70MM 8 RMT LONG.	NO	N		6322
33281017921	R.S.J. 152X152X 13 MTR	NO	N	72161000	21562
33281018491	RSJ 152 X 152 MM 11METER LONG	NO	N		24631
33281080291	RSJ 116X100, 8 M LONG	NO	N		11105
33281080371	RSJ 116X100, 11 M LONG	NO	N		15270
33281080451	RSJ 116X100, 12 M LONG	NO	N		16658
33281080531	RSJ 116X100, 10 M LONG	NO	N		13882
33281080701	RSJ 152X152, 8 M LONG	NO	N		17913
33281080881	RSJ 152X152, 9 M LONG	NO	N		20151
33281080961	RSJ 152X152, 10 M LONG	NO	N		22391
33281081001	RSJ 152X152, 12 M LONG	NO	N		26869
33281081181	RSJ 152X152, 13 M LONG	NO	N		29109
33281081341	RSJ 125X70, 9 M LONG	NO	N		7112
33281081771	RSJ 125X70, 13 M LONG	NO	N		10274
33286328101	PSC POLE 9 MTR / 200KG	NO	N		2712
33286328361	PSC POLE 8 MTR / 140KG	NO	N		1980
33289818221	RSJ 125X70 MM,8 MTR	NO	N		6322
33289818311	RSJ 175 X 85MM 9 METER LENGTH	NO	N	72161000	8130
33289818491	RSJ 116X100 MM,9 MTR	NO	N		12493
33289818651	RSJ 116X100 MM,11 MTR	NO	N		15270
33289818811	RSJ 152X152 MM,11 MTR	NO	N		24631
33289818901	RSJ 152X152 MM,13 MTR	NO	N		29109
33321005551	M.S.CHANNEL 75X40X6 MM	KG	N		70
33321008571	MS CHANNEL 100X50X6 MM	KG	N		70
33401003941	M.S.FLAT 25X6 MM	KG	N		66
33401009041	M.S.FLAT 50X6MM	KG	N		66
33401009471	M.S.FLAT 50X8 MM	KG	N		66
33401009801	M.S.FLAT 50X10MM	KG	N		66
33401020441	M.S.FLAT 75X10 MM	KG	N		66
33709812711	G.I FLAT 50X10 MM	KG	N		90
33709812801	G.I FLAT 75X10 MM	KG	N		90
33709813011	G.I..FLAT 50 X 6 MM	KG	N		90
33709822271	EARTHING HDG FLAT 75 X 10 MM	KG	N		90
39059822211	TUBULAR POLE 9 MTR. LONG 88.9C, 137.7 MM	NO	N		5537
45201204628	ALUMINIUM LADDER (ADJUSTABLE)	NO	N		4140
45206109079	DICHARGE ROD FOR 33 KV	NO	N		1093

45207108559	DISCHARGE ROD FOR 11 KV	NO	N		1093
49055170885	G.I.STAY WIRE 7/4 MM (8 SWG)	KG	N		72
49055171005	G.I.STAY WIRE 7/3.15 MM (10 SWG)	KG	N		72
49105100675	G.I.WIRE 5 MM (6 SWG)	KG	N		72
49105100835	G.I.WIRE 4 MM (8 SWG)	KG	N		71.75
49105105045	G.I.WIRE 10 SWG	KG	N		72
49155121065	BARBED WIRE 'A' TYPE	KG	N		80
52027600179	ARTIFICIAL RESPERATION KIT	NO	N		2093
6081965019	SALT	KG	N		8
6997130079	BENTONITE CLAY	KG	N		15
76000505294	11KV C&R PANEL FOR FEEDER 30V	NO	Y		59813
76001011404	22 KV TRANSFORMER CR PANEL WITH 1 AMP RE	NO	Y		91001
76001012044	C&R PANEL FOR 33 KV FOR FEEDER BREAKER	NO	Y		61414
76001031264	C&R PANEL FOR 22 KV TRANSFORMER WITH DIFF. PROTECTION	NO	Y		136639
76001031344	C&R PANEL FOR 33 KV TRANSFORMER WITH 1 AMP. RELAY	NO	Y		68230
76003215064	C&R PANEL FOR 22 KV FEEDER BREAKER	NO	Y		59813
76009022154	Tripping coil with Plunger Assembly	NO	NO		2200
76009022234	Closing Coil with Plunger Assembly	NO	NO		2200
76009022314	Toggle Lever	NO	NO		1440
76009022404	Catch Lever	NO	NO		650
76009022584	Plunger Assembly	NO	NO		4500
76009022664	Steel Pin (Special)	NO	NO		220
76009022744	Catch Lever Spring	NO	NO		120
76009022824	Latch lever	NO	NO		800
76009022914	Tapper Pin	NO	NO		250
76009023044	Connecting Link	NO	NO		1280
76009023124	Reset Spring	NO	NO		160
76009023214	Spring charging handle	NO	NO		700
76009023394	Gear Main Shaft	NO	NO		8450
76009023474	Spring charging main gear assembly with bearing	NO	NO		8000
76009023554	Spring charging motor	NO	NO		7500
76009023634	Hardware (Nutbolt, washer, split pin, cir clip, cotter pin)	NO	NO		355
76009023714	On/ Off Indicator Glass	NO	NO		110
76009023804	Trip Lever Button Assembly	NO	NO		2800
76009023984	Big Gear Bearing	NO	NO		2500
76009024014	Carbon Brush	NO	NO		350
76009024104	Small Gear Bearing	NO	NO		750
76009024284	Tripping/ closing coil with plunger assembly	NO	NO		4500
76009024364	Rectifier for Motor circuit	NO	NO		250
76009024444	Trip and close circuit	NO	NO		1375

76009024524	Main gear pin	NO	NO		200
76009024614	Door gasket	NO	NO		415
76009024794	Push Button housing	NO	NO		2600
76009024874	Push Button Lever with spring	NO	NO		1040
76009024954	Trip and Close Switch	NO	NO		1500
76009025094	2 No + 2NC Limit switch	NO	NO		800
76009025174	Vacuum Interrupter - 11 kV	NO	NO		32000
76009025254	Vacuum Interrupter - 33 kV	NO	NO		48000
76009025334	Indication Lamp	NO	NO		200
76009025414	Interrupter Chamber Top Insulator	NO	NO		7400
76009025504	Support Insulator	NO	NO		7400
76009025684	Auxiliary switch	NO	NO		4000
76009025764	Local/ Remote switch	NO	NO		680
76009025844	FRP Rod	NO	NO		2320
77003040134	11 KV HT METERING CUBICLES WITH CTS & PTS BUT WITHOUT METER , OF CT RATIO 5/5 AMPS , AS PER MSEDCL SPECIFICATION ENCLOSED (ANNE	NO	Y		102000
77003050104	11 KV HT METERING CUBICLES WITH CT'S & PT'S BUT WITHOUT METER , OF CT RATIO 10/5 AMPS , AS PER MSEDCL SPECIFICATION ENCLOSED (AN	NO	Y		102000
77003060164	11 KV HT METERING CUBICLES WITH CT'S & PT'S BUT WITHOUT METER , OF CT RATIO 25/5 AMPS , AS PER MSEDCL SPECIFICATION ENCLOSED (AN	NO	Y		102000
77003070124	11 KV HT METERING CUBICLES WITH CT'S & PT'S BUT WITHOUT METER , OF CT RATIO 50/5 AMPS , AS PER MSEDCL SPECIFICATION ENCLOSED (AN	NO	Y		108000
77003080194	11 KV HT METERING CUBICLES WITH CT'S & PT'S BUT WITHOUT METER , OF CT RATIO 100/5 AMPS , AS PER MSEDCL SPECIFICATION ENCLOSED (A	NO	Y		108000
77005202394	500 V MEGGER	NO	Y		4025
77005401674	DIGITAL TONG TESTER (1000 AMP., 500 V) WITH ASSOCIATED ACCESSORIES.	NO	Y		403
77006616574	EARTH TESTER 200 AMP. 2000 OHM	NO	Y		7245
77007100974	DIGITAL MULTI METER (10 AMP)	NO	Y		2714
77007608414	MEGGER 5 KV WITH TESTING LEADS AND CARRYING CASE.	NO	Y		28750
77009504204	LTAC THREE PHASE 10-40 A STATIC ENERGY METER WITH 6 LOWPAN BASED INTERNAL LOW POWER RADIO FREQUENCY CONNECTIVITY FOR COMMUNICATI	NO	Y		1683
81001345281	36KV 1600 AMP.VCB3PH.30V	NO	Y		204195
81911345264	33KV CR PANEL WITH DIFF PROTEC	NO	N		74801

82009348404	11 KV 250 MVA O.D. SWITCH GEAR WITH ONE I/C+ ONE O/G	SET	Y		492136
82009348584	22 KV 500 MVA OD SWITCHGEARS COMPRISING OF 1 INCOMER AND 3 SINGLE FEEDER WITH ASSOCIATED OD PANELS, ISLATORS, C.T. & P.T. ETC.	SET	Y		1484587
82009348744	11KV I D SWITCHGEAR (1 I/C+1 B/C+4O/G)	SET	Y		1958473
82009348914	11 KV 250 MVA OD SINGLE FEEDER WITH PANE	SET	Y		366560
82009349124	CONTROL C&R PANEL 22 KV FOR FEEDER WITH ACCESSORIES.	NO	Y		91001
82009349214	11 KV OD TYPE VCB WITH DIRECTIONAL RELAY WITH BUS COUPLER COMPLETE	SET	Y		543420
82009349714	11 KV 250 MVA OD SWITCHGEAR COMPRISING OF ONE INCOMER ,3 O/G & 1 B/C WITH ASSOCIATED OD PANELS, ISOLATORS, CT & PT ETC.	SET	Y		980079
82126003014	11KV,250MVA,SG O/D,(1I+3F)	SET	Y	85352121	980079
82155000134	11 KV VCB 400 A INDOOR	NO	Y		323548
82155000214	11 KV VCB 400 A OUTDOOR	NO	Y		119140
82155000304	11 KV VCB 800 A INDOOR	NO	Y		332141
82155000484	11 KV VCB 800 A OUTDOOR	NO	Y		135086
82155000564	22 KV VCB COMPLETE 800 AMP (O.D.)	NO	Y		171862
82155028224	11KV I D SWITCHGEAR (2 I/C+1 B/C+8O/G)	SET	Y		3584805
82999803774	33KV I/D VCB 1000MVA 1600A	NO	N	85352122	985167
83001346464	11 KV ISOLATORS WITH EB (800 A)	SET	N		36030
83002045554	11 KV ISOLATORS WITHOUT EB (800 AMP.)	NO	Y		29142
83005203174	11KV ISOLATOR WITH EARTH BLADE 400 AMPS.	SET	N		32720
83005203844	22KV ISOLATOES WITHOUT E/B	SET	N		42816
83005203924	22KV ISOLATOR WITH E/B	SET	N		49856
84001040603	11 KV CT 600-300/1-1-1 AMP , 10VA , OD	NO	Y		12112
84001110073	11 KV CURRENT TRANSFORMER 100/5 A	NO	Y		16613
84001240523	22KV I/D METERING CT 10/5A	NO	Y		100
84001430733	33 KV CT 400-200/1-1-1, 15 VA, CLASS;0.5, PS,PS, OIL FILLED	NO	Y		30013
84001434303	11 KV O/D CT 600-300/5-5-5 A	NO	Y		12112
84004015013	11 KV H.T.METERING CUBICLE 300/5 AMPS	NO	Y		85000
84005301583	22 KV METERING CUBICAL WITH RATIO 10/5 AMP	NO	Y		138000
84005301663	22 KV METERING CUBICAL WITH RATIO 5/5 AMP	NO	Y		138000
84005302393	22KV/110VPT0.5CL ODSINGLEPHASEOIL COOLED	NO	Y		21426
84005302803	11 KV POTENTIAL TRANSFORMER	NO	Y		10758
84005400213	11 KV CT 400 - 200 / 5 - 5 INDOOR	NO	Y		10692
84005400813	11 KV CT 400-200/5-5 AMP, 15 VA, CLASS:0.5/5P10	NO	Y		12733
84005400993	11 KV CT 600 - 300 / 5 - 5 INDOOR	NO	Y		11080
84005432253	33KV PT FOR PROTEC(33KV/V3)	NO	Y		22651

84005612233	CT 200-100/1-1 A , 22 KV	NO	Y		28520
84005613393	22 KV METERING CUBICAL WITH RATIO 50/5 AMP	NO	Y		150000
84005656953	22 KV METERING CUBICAL WITH RATIO 25/5 AMP	NO	Y		138000
84005801043	RMU(SF-6) (2 ISO+2BRK)11KV SCADA COMP	NO	Y		591480
84005801123	RMU(SF-6) (2 ISO+1BRK)11KV SCADA COMP	NO	Y		419701
84005801473	RMU(SF-6) (2 ISO+1BRK)22KV SCADA COMP	NO	Y		464647
84005801553	RMU(SF-6) (3 ISO+2BRK)22KV SCADA COMP	NO	Y		800975
84005802793	22 KV C.T. THREE CORE.	NO	Y		29999
84006109843	33KV CT O/D TYPE RATING 200-100/1-1A	NO	Y		28024
84006302413	33 KV O.D.TYPE C.T. 200-100/1-1 AMP	NO	Y		28024
84006303653	33KV 3C CT 200-100/1-1-1A OD TYPE	NO	Y		28624
84006505443	EPOXY CASTED I/D 11 KV CT 400-200/5-5A	NO	Y		10692
84007183273	33KV CT 3C O/D RATIO 400-200-100/1-1-1A	NO	Y		17082
84007507193	11 KV I/D E CAST CT 5/5A HT MET CUBICAL	NO	Y		102000
84009101473	11KV O/D PT 50 VA.	NO	Y		8965
84009353013	22 KV EPOXY TYPE PT	NO	N		21426
84999804783	C.T.-33KV200-100/1-1-1A/3CORE	NO	Y		28624
84999807883	CT - 11 KV 400 - 200 - 100/ 5-5-5 A / 3 CORE I/D	NO	Y		17082
85000500643	POWER TRANSFORMER 22/11 KV, 5 MVA (DY-11)	NO	Y		4462032
85000500723	10 MVA, 22/11 KV, DY11 POWER TRANSFORMER	NO	Y		6439026
85000501613	33/22 KV, 5 MVA POWER TRANSFORMER	NO	Y		4329504
85000803713	33/11 KV, 5 MVA POWER TRANSFORMER	NO	Y		4054683
85000804273	33/11KV, 10MVA POWER TRANSFORMER	NO	Y		6327723
85000905033	33/22 KV, 10 MVA POWER TRANSFORMER	NO	Y		6690268
86001006384	1.2 MVAR, 11 KV CAPACITOR BANK	SET	Y		142043
86001013834	2.4 MVAR, 11 KV CAPACITOR BANK	SET	Y		288877
86001014054	3.0 MVAR, 11 KV CAPACITOR BANK	SET	Y		350118
86005300523	C & R PANEL- 33KV P.T/F 33/22/11KV	NO	N		74801
86007200604	22 KV VCB INDOOR TYPE	NO	N		985167
86999800145	0.2 ACSR LOOP CONNECTOR	NO	N		943
86999800224	0.48 KVAR, 22 KV, 1 PH, AL WINDED SERIES REACTOR	NO	N		110560
86999800314	0.9688 KVAR, 11 KV, 1 PH, AL WINDED SERIES REACTOR	NO	N		55464
86999800574	1.2 MVAR, 22 KV CAPACITOR BANK	NO	Y		263178
86999800654	1.32 KVAR, 22 KV, 1 PH, AL WINDED SERIES REACTOR	NO	N		173048
86999800734	1.93 KVAR, 11 KV, 1 PH, AL WINDED SERIES REACTOR	NO	N		65864
86999800905	11KV 3P RVT W TERMINAL CONNECTORS	NO	N		33244
86999801114	11 KV NEUTRAL CT OUTDOOR TYPE WITH RELAY	NO	Y		34300
86999801203	11 KV R.V.T.	KG	N		27000
86999801383	11 KV, SINGLE PHASE, OUTDOOR NCT	NO	Y		15600
86999801549	2 CELL TORCH	NO	N		460

86999801629	2 NO.S 8W CFL LAMPS WITH ONE SUITABLE INVERTOR (DC TO AC)	SET	N		431
86999801714	2.4 MVAR, 22 KV CAPACITOR BANK	SET	Y		362921
86999801894	2.42 KVAR, 11 KV, 1 PH, AL WINDED SERIES REACTOR	NO	N		107462
86999801974	22 KV 1000 MVA 1600 AMP.IN DOOR TYPE VCB	NO	Y		1132942
86999802194	22 KV LIGHTNING ARRESTORS (SCREW TYPE)	NO	N		9853
86999802274	22 KV SF6 ISOLATOR	NO	N		491517
86999802355	22 KV ST. THROUGH JOINTS FOR 3 C / 95 MM SQ.	NO	N		12077
86999802515	22 KV TOP FITTING	NO	N		516
86999802603	22 KV, SINGLE PHASE, OUTDOOR NCT	NO	Y		21600
86999802869	33 KV GUARDING CHANNEL MS100X50	KG	N		70
86999803414	79.2 KVAR, 22 KV SERIES REACTOR	NO	Y		522750
86999806345	BREAKER CLAMPS	NO	N		1941
86999806349	BRICK <(>&<)> MASONARY WORKS FOR EARTHING PIT	NO	N		2013
86999808219	CIVIL WORKS 20 SQ. MTR	LS	N		369991
86999808399	CIVIL WORKS - FOUNDATION STRUCTURE FOR FEEDER PILLAR, RMU & TRANSFORMER	LS	N		31079
86999809879	EARTHING WITH GI PLATE	NO	N		2292
86999810029	ERECTION OF 25 NOS OF TOWERS IN PLACE OF OLD RUSTED TOWERS WITH PILE FOUNDATION AND CAPS AND RECONDUCTORING WITH 0.2 ACSR CONDUCT	NO	N		710694
86999810119	FLOOD LIGHTS WITH CONTROL GEAR BOX & 250W SV LAMP	NO	N		7245
86999810299	FOUNDATION FOR 11 KV BREAKER	M3	N		3935
86999810379	FOUNDATION FOR 11 KV C.TS	M3	N		3935
86999810459	FOUNDATION FOR 11 KV ISOLATORS	M3	N		3935
86999810539	FOUNDATION FOR 11 KV ISOLATORS WITHOUT EB	M3	N		3935
86999810619	FOUNDATION FOR 11 KV LIGHTNING ARRESTOR	M3	N		3935
86999810709	FOUNDATION FOR 11 KV P.TS	M3	N		3935
86999810889	FOUNDATION FOR 22 KV BREAKER	M3	N		3935
86999810969	FOUNDATION FOR 22 KV C.TS	M3	N		3935
86999811009	FOUNDATION FOR 22 KV ISOLATORS	M3	N		3027
86999811189	FOUNDATION FOR 22 KV ISOLATORS WITHOUT EB	M3	N		3935
86999811269	FOUNDATION FOR 22 KV LIGHTNING ARRESTOR	M3	N		3935
86999811349	FOUNDATION FOR 33 KV BREAKER	M3	N		3935
86999811429	FOUNDATION FOR 33 KV C.TS	M3	N		3935
86999811519	FOUNDATION FOR 33 KV ISOLATORS WITH EB	M3	N		3935
86999811699	FOUNDATION FOR 33 KV ISOLATORS WITHOUT EB	M3	N		3935
86999811779	FOUNDATION FOR 33 KV LIGHTNING ARRESTOR	M3	N		3935
86999811859	FOUNDATION FOR 33 KV P.TS	M3	N		3935
86999811939	FOUNDATION FOR GANTRY STRUCTURES	M3	N		3935
86999812239	FOUNDATION FOR RMU	LS	N		22200

86999812319	FOUNDATION STRUCTURE FOR RMU FOR CABLE ENTRY ETC.	M3	N		26048
86999812589	FOUNDATIONS FOR STRUCTURES AND EQUIPMENTS (FOR 2 T/F BAYS)	LS	N		1149995
86999813559	GANTRY STRUCTURES	KG	N		95
86999813639	HALF ROUND CEMENT PIPE (150MM X 1MTR)	NO	N		143
86999813719	WELDING MACHINE	NO	N		274
86999813809	HT CABLE JOINT CHAMBER (CIVIL)	NO	N		1494
86999813989	HT PILLAR 22 KV	NO	N		82974
86999814019	HT PILLAR FOUNDATION	LS	N		16321
86999814109	JOINTING SLEEVES FOR CONDUCTOR.	NO	N		43
86999815929	MISC	LS	N		518
86999816069	MISC. (BRICKS,SAND,TREMINATION KIT AND ETC.)	LS	N		27776
86999816149	MISC. (RCC TILES/H.R.PIPE,SAND,TREMINATION KIT AND ETC.)	LS	N		179278
86999816229	MISC. FOR XLPE U/G CABLE	LS	N		1150
86999816499	NAME PLATE PAINTING FOR ALL EQUIPMENTS	LS	N		690
86999816579	PAINTING OF SUPPORTS <(>&<)> FABRICATED MATERIALS	LS	N		178
86999816659	PAINTING/HARDWARE & SUPPORT WITH NUMBERING OF POLE	LS	N		259
86999816739	PLINTH FOR STATION TRANSFORMER	M3	N		3935
86999816819	PSC POLE 8 MTR (200 KG)	NO	N		2376
86999816909	PVC PIPE 110 MM DIA 4KG/SQCM PRESSURE	M	N		122
86999817039	RCC TILES (0.6 X 0.5) MTRS.	NO	N		135
86999817119	RCC RING WORK FOR EARTHING PITS	NO	N		266
86999817389	RED BRICKS	NO	N		6
86999817469	RED OXIDE PAINT FOR 2 COATS	L	N		98
86999817549	REPLACEMENT OF CONTROL PANEL 22 KV	NO	N		79178
86999817629	CRIMPING OF JUMPERS AT CUT POINTS	NO	N		1696
86999817899	CT STRUCTURE	LS	N		8991
86999818519	SLD BOARD 11 KV SIDE	NO	N		863
86999818609	SLEEVE JOINTS	NO	N		132
86999819169	DTC METRING WITH BOX, SINGLE CORE L.T. XLPE CABLE (16 SQ.MM., 120 MTR LENGTH) AND OTHER ALLIED MATERIAL.	NO	N		13304
86999819249	DTC METRING WITH BOX, SINGLE CORE L.T. XLPE CABLE (185 SQ.MM., 200 MTR LENGTH) AND OTHER ALLIED MATERIAL.	NO	N		32097
86999819329	DTC METRING WITH BOX, SINGLE CORE L.T. XLPE CABLE (300 SQ.MM., 280 MTR LENGTH) AND OTHER ALLIED MATERIAL.	NO	N		41925

86999819419	STRUCTURE FOR 11 KV CT	KG	N		70
86999819599	STRUCTURE FOR 11 KV H/G.	KG	N		70
86999819679	STRUCTURE FOR 11 KV L.A.	KG	N		70
86999819759	STRUCTURE FOR 11 KV PT	KG	N		70
86999819839	STRUCTURE FOR 22 KV CT	KG	N		70
86999819919	STRUCTURE FOR 22 KV H/G.	KG	N		95
86999820099	STRUCTURE FOR 22 KV L.A.	KG	N		70
86999820179	STRUCTURE FOR 22 KV PT	KG	N		95
86999820259	STRUCTURE FOR 33 KV CT	KG	N		70
86999820339	STRUCTURE FOR 33 KV L.A.	KG	N		70
86999820419	STRUCTURE FOR 33 KV PT	KG	N		70
86999820509	STRUCTURE FOR BREAKER AND CAPACITORS	KG	N		80252
86999820689	STRUCTURE FOR POWER T/F NEUTRAL EARTHING	KG	N		52475
86999820769	STRUCTURE FOR SERIES REACTOR(SET)	LS	N		16301
86999820849	STRUCTURE FOR SERIES REACTOR(SET) 22 KV	LS	N		27483
86999820929	SUB-STATION BOARD (NAME) WITH ANGLE STAND	NO	N		4600
86999821069	SUNDRIES	LS	N		886
86999821149	SUNDRIES E.G. FERULLS, GLANDS, LUGS ETC.	LS	N		3163
86999821229	SUNDRIES NUTBOLTS,BINDING TAPES WIRE ETC.	LS	N		20700
86999821319	SUNDRIES SUCH AS CIVIL WORK, FOUNDATION EARTHING GLANDS ETC.	LS	N		13888
86999821499	SUNDRIES SUCH AS N/B, WASHERS, WELDING ETC.	LS	N		3163
86999821659	DTC METRING WITH BOX, SINGLE CORE L.T. XLPE CABLE (300 SQ.MM., 320 MTR LENGTH) AND OTHER ALLIED MATERIAL FOR 630 KVA	NO	N		74123
86999821739	DTC METRING WITH BOX, SINGLE CORE L.T. XLPE CABLE (300 SQ.MM., 320 MTR LENGTH) AND OTHER ALLIED MATERIAL FOR 995 KVA	NO	N		106191
86999821819	DTC METRING WITH BOX, SINGLE CORE L.T. XLPE CABLE (35 SQ.MM., 120 MTR LENGTH) AND OTHER ALLIED MATERIAL.	NO	N		16502
86999821909	DTC METRING WITH BOX, SINGLE CORE L.T. XLPE CABLE (70 SQ.MM., 120 MTR LENGTH) AND OTHER ALLIED MATERIAL.	NO	N		18873
86999822119	EARTHING HDG FLAT 50 X 6 MM	KG	N		90
86999822549	EARTHING MATERIALS	LS	N		454
86999822629	EARTHING REPLENISHMENT FOR DTC	SET	N		14388
86999822899	WELDING RODS	NO	N		4
86999822979	EARTHING WITH GI PIPE	NO	N		393
86999825729	11KV RMU 3 ISOLATOR + 1 BREAKER	SET	N		488063
86999826024	CR PANEL FOR 11KV CAPACITOR BANK WITH RE	NO	N		83110
86999829825	11 kv Aerial Bunched cable cond. 3 cx120	M	N		873

86999830225	DISTRI. BOX 25 KVA WITH KITKAT	NO	N		12960
86999869009	11 KV O/D CT 400-200-100/5-5-5 AMP	NO	N		12733
86999869429	33 KV EPOXY PT	NO	N		18876
86999874939	22KV MOTOR.RMU WTH FPI &DIG RELAY(1I+1B)	NO	N		427055
86999876219	22KV MOTORI.RMU FPI & DIG. RELY(2I+2B)	NO	N	85352112	585517
86999876399	MOTORISED RMU (SF6) (1 I+2B) 22/11KV	NO	N	85352112	490329
86999877879	MOTORISED RMU(SF6) (2 I+3B) 22/11KV	NO	N	85352112	755323
86999878099	MOTORISED RMU(SF6) (2 I+4 B) 22/11KV	NO	N	85352112	894199
86999882449	GLANDS (ALL SIZE)	NO	N		603

LIST OF SERVICES

SR. NO.	SERVICE NAME	ACTIVITY NUMBER	UOM	SAC CODE	REQ. QTY	VERSION	MATERIAL TYPE
1	Sub Station Maint. Preventive Service	PM.PREV.Su bStn	Activity unit	9954	1		null

Required Documents (To be uploaded online)
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Sr. No.	NAME	SECTION	ITEM	DESCRIPTION
1	Price Bid	Price Section	Sub Station Maint.	Price Bid
2	Tech-I	Technical Section	Sub Station Maint.	As per Tender Terms and Conditions
3	Tech-II	Technical Section	Sub Station Maint.	As per Tender Terms and Conditions
4	Comm-II	Commercial Section		As per Tender Terms and Conditions
5	Comm-I	Commercial Section		As per Tender Terms and Conditions