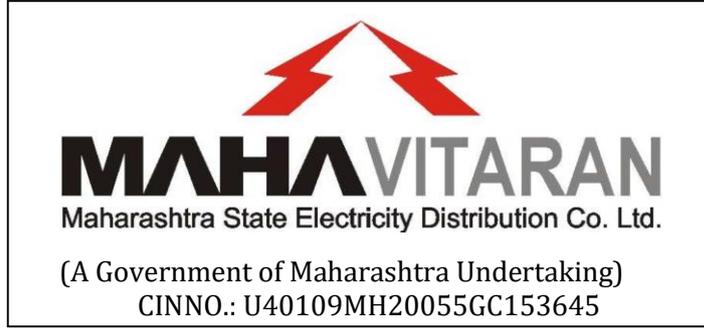


Tender Details		05-02-2024 04:43:50
Tender Code	SE/KC/TECH/BM/SSTN/24-25/T-14/2023-24	
Tender Type	Works Tender	
Type Of Bid	Two Bid	
Description	Empanelment of Agencies for Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone for FY 2024-25	
Estimated Cost (In Lakhs)		
Basis of prices	NA	
Tender Validity	NA	
Delivery Requirement (In Months)	NA	
Tender on rate contract basis	NO	
Tender Fee (In INR)	1000	
GST In INR (@18% on Tender Fee: SAC No.	180	
Total Tender Fee Amount including GST in INR.	1180	
Contact	Prashantkumar Masal , 7875769004 ,sekolhapur2013@gmail.com	
Pre-Qualifying Req	<p>The bidder should have at least 3 year's experience as a licensed Electrical contractor in construction, erection, testing, commissioning or maintenance of substations/switching station. Specific Experience: The Bidder should have experience of execution of turnkey or partial turnkey contracts including civil works, supply of equipment, erection, testing &amp; commissioning of 33/22/11 kV Substation/ switching station during last 3 years. (Atleast 1 No. of Substation)(i) The Bidder should have executed similar works as mentioned above in any sector during the last 3 financial years with minimum.</p> <p>One work order / contract for equivalent to amount of Rs. 20 Lakhs Or Two work orders / contracts equivalent to amount of Rs. 10 Lakhs each Or Three work orders / contracts equivalent to an amount of Rs. 7 Lakhs each.</p> <p>Similar works means construction, erection, testing, commissioning or maintenance of substations/switching station as specified in point 2 of Technical Qualification</p> <p>(ii) The bidder should have an average annual financial turnover of Rs.30 Lakhs during last 3 financial years.</p> <p>(iii) The bidder shall have a positive net worth during last 3 financial year.</p> <p>C. The Bidder should have GST/PAN Registration Certificate.</p>	

	<p>D. The Bidder should deploy sufficient manpower for carrying out the maintenance work, however the contractor should provide the manpower at least as mentioned in Annexure-A</p> <p>E. The Bidder should have PF Registration</p> <p>F. The Bidder should have taken Group Insurance Cover for his Employees.</p> <p>G. The Bidder should have required Tool &amp; Plants for these works</p>
Budget Type	Revenue
Scheme Code	NA
Scheme Name	NA
Department	Technical
Office Type	CIRCLE
Location Type	Kolhapur Circle
Designation	Executive Engineer(Distribution)
Pre-Bid Meeting Address	Office of the Superintending Engineer, Maharashtra State Electricity Distribution Co. Ltd. KOLHAPUR CIRCLE 1ST FLOOR, VIDYUT BHAVAN, ADM BUILDING, TARABAI PARK, KOLHAPUR Dist: KOLHAPUR Pin: 416003
Bid Opening Address	Office of the Superintending Engineer, Maharashtra State Electricity Distribution Co. Ltd. KOLHAPUR CIRCLE 1ST FLOOR, VIDYUT BHAVAN, ADM BUILDING, TARABAI PARK, KOLHAPUR Dist: KOLHAPUR Pin: 416003
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	05-02-2024 18:00
Tender Sale End Date	20-02-2024 23:50
Bid Start Date	05-02-2024 18:05
Bid End Date	20-02-2024 23:55
Pre-Bid Meeting Date	09-02-2024 11:00
Techno-Commercial Bid opening on	21-02-2024 11:00
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**



**TECHNO COMMERCIAL BID**

**Empanelment of Agencies for *Breakdown Maintenance of Substation in  
Kolhapur Circle Kolhapur Zone for FY 2024-25***

**(SE/KC/TECH/BM/SSTN/24-25/T-14/2023-24)**

**<https://works.mahadiscom.in/eTender/etender>**

Office of the Superintending Engineer,  
Maharashtra State Electricity Distribution Co. Ltd.

**KOLHAPUR CIRCLE**

**1<sup>ST</sup> FLOOR, VIDYUT BHAVAN, ADM**

**BUILDING, TARABAI PARK,**

**KOLHAPUR**

**Dist: KOLHAPUR Pin: 416003**

**Telephone :0231-2650581, Extn. :-201**

**Email: sekolhapur2013@gmail.com**

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## SECTION-I BID INVITATION

### 1. Introduction

The Maharashtra State Electricity Distribution Company Ltd. (MSEDCL), represented by the Superintending Engineer,(--- name of the Circle---) wishes to intend for “Empanelment of Agencies for ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone*** for 1 year i.e. 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, (Kolhapur 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.
- 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 commercial/ price bid in accordance with this Tender Document.
- c. Bidder shall not upload commercial/price bid along with technical bid documents together. Such bid shall 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 with its Bid, a bid security as Earnest Money Deposit (EMD).
- e. MSEDCL will open the technical bids of all bidders and financial bids of only technically qualified bidders would be opened.
- f. The Bidder's Names, bid prices and the presence or absence of the requisite and such other details as MSEDCL, at its discretion, may or may not consider along with the reasons will be declared at the time of opening.
- g. It is the bidders' responsibility to verify the MSEDCL e-tender website for the latest information related to this tender Notice. The MSEDCL shall not be responsible for any information if not received by the bidder.

### **BIDDING INFORMATION**

1	Tender Reference No.	<b>SE/KC/TECH/BM/SSTN/24-25/T-14/2023-24</b>
2	Sale of Tender Form on weblink	<b>05.02.2024 (18:00) to 20.02.2024 (23:50)</b>
2	Last date & Time for submission of Bids	<b>20.05.2024, 23:55 Hrs</b>
3	Date of Pre-Bid Meeting	<b>09/02/2024, 11:00 Hrs</b>
4	Date & Time of opening of Technical Bid	<b>21/02/2024, 11:00 Hrs</b>
5	Address for communication	<b>The Executive Engineer. (ADM), Circle Office. sekolhapur2013@gmail.com</b>
6	Tender processing fee	Rs. 1000/- + <b>18% GST</b> as applicable (Non-refundable & Non-Transferable)
7	Earnest Money Deposit (EMD)	Rs. 10,000/- only (can be paid by either DD in favour of MSEDCL or through RTGS in bank account number <b>20027601004</b> at Bank of <b>Maharashtra (IFSC : MAHB0001045)</b> )
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 empanelment offer letter in the form of an unconditional and irrevocable Bank Guarantee for an amount of Rs. 50,000/- (Rupees Fifty Thousand) denominated solely in INR payable and claimed at Kolhapur issued either by a Nationalized or Scheduled Bank located in Maharashtra & acceptable to MSEDCL and valid for the period for 1 year. During contract period, at any time the value of PBG should not be less than 5% of the value of executed works. In case the PBG amount is less than 5% of the value of executed works the contractor will have to submit additional PBG so as to make the total value of PBG at least equal to

		5% of value of the executed quantity
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**Note:**

1. **The date & time of opening of Price Bid will be informed by an e-mail.**
2. **The empanelment is for 1 year but shall further be extended if required for 2 years at the discovered rate (L-1) only.**
3. Eligible bidders shall upload the Bids through e-tender portal of MSEDCL: <http://works.mahadiscom.in/eTender/etender> details can be obtained from <https://www.mahadiscom.in>.

## SECTION-II

### INSTRUCTION TO BIDDERS

The **Superintending Engineer , Kolhapur Circle**, on behalf of MSEDCL invites bids from eligible bidders for empanelment along with rates for 1 year i.e., FY 2024-2025. 3 to 5 No. of agencies shall be empanelled for each subdivision. Preference shall be given as per the sequence of the discovered rate & in case of the same rates if quoted by the agencies then the preference shall be given for the agencies with more experience.

#### 1. Scope of Contract:

The Scope of contract is as below:

The Nodal officer of this tender is Executive Engineer (ADM) of the concern circle.

- A. To carry out of for **Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone** Major material required under contracts as per list enclosed (Annexure C) shall be supplied or provided by MSEDCL; and contractor will have to supply minor items in nature of consumable only.
- B. In case any major material is not available with MSEDCL the same shall be supplied by the contractor at the prevailing cost data of MSEDCL. The non availability of major material if any shall be certified by nodal officer & Additional Executive Engineer (MM).
- C. Detailed execution Plan for timely implementation of work is to be submitted by the contractor immediately after allotment of work order.
- D. The selected bidder shall have his Office and personnel within the jurisdiction of the works for attending the emergency services.
- E. The empanelment of contractor shall be for 1 year period i.e. FY 2024-25, However the performance of the empanelled agencies will be reviewed on quarterly basis and poor/non performing contractor shall be terminated/blacklisted of its work with proper justified reason and providing opportunity for explanation to bidder.
- F. Bids shall be complete 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 maximum support for obtaining these permissions.
- 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.

## 2. Eligibility and qualifying criteria:

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

### A. Technical Qualification:

- (i) The bidder should have at least 3 year's experience as a licensed Electrical contractor in construction, erection, testing, commissioning or maintenance of substations/switching station.
- (ii) **Specific Experience:** The Bidder should have experience of execution of turnkey or partial turnkey contracts including civil works, supply of equipment, erection, testing & commissioning of 33/22/11 kV Substation/switching station during last 3 years. (Atleast 1 No. of Substation)

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;

Work experiences of the bidder as per above 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.

### B. Financial Qualification:

- (i) The Bidder should have executed similar works as mentioned above in any sector during the last 3 financial years with minimum.  
 One work order / contract for equivalent to amount of Rs. 20 Lakhs  
 Or  
 Two work orders / contracts equivalent to amount of Rs. 10 Lakhs each  
 Or  
 Three work orders / contracts equivalent to an amount of Rs. 7 Lakhs each.

Similar works means construction, erection, testing, commissioning or maintenance of substations/switching station as specified in point 2 of Technical Qualification

- (ii) The bidder should have an average annual financial turnover of Rs.30 Lakhs during last 3 financial years.
- (iii) The bidder shall have a positive net worth during last 3 financial year.
- C. The Bidder should have GST/PAN Registration Certificate.
- D. The Bidder should deploy sufficient manpower for carrying out the maintenance work, however the contractor should provide the manpower at least as mentioned in Annexure-A
- E. The Bidder should have PF Registration
- F. The Bidder should have taken Group Insurance Cover for his Employees.
- G. The Bidder should have required Tool & Plants for these works, minimum requirement for qualification is as per Annexure-B.

### 3. Instructions to bidders:

- A. (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 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.
- B. 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 8 of this section.
- C. Joint venture/ consortium is not allowed to participate in the bid.
- D. Bidder should upload only those documents which are asked to upload in the Tender document. Any extra document may make bid as disqualified bid and may be rejected at discretion of MSEDCL.
- E. Technical proposal which are submitted by non-qualified bidder, or which are evaluated to be non-responsive shall be deemed to be rejected and will not be considered for detailed technical evaluation.
- F. 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.

- G. 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.
- H. MSEDCL will not entertain any claim at any stage from successful bidder on the plea of not having sufficiently acquainted himself as to site condition before submitting price bid etc.
- I. Financial bid of the technically qualified bidders to be opened on selected date and the place intimated to technically qualified bidders through e-mail.
- J. Offers by matching prices with lowest acceptable bidder:  
 L-1 Matching rates 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. However if enough bidders are not available then MSEDCL, at its discretion, may ask other bidders to match the price of L-1

4. The work order is not transferable. Subcontracting/Subletting is not allowed.

#### 5. Conflict of Interest:

A Bidder shall not have a conflict of interest. Any Bidder found to have a conflict of interest shall be disqualified. A Bidder may be considered to have a conflict of interest for the purpose of this Bidding process, if the Bidder:

- (a) directly or indirectly controls, is controlled by or is under common control with another Bidder; or
- (b) receives or has received any direct or indirect subsidy from another Bidder;  
 or
- (c) has the same legal representative as another Bidder;  
 or
- (d) has a relationship with another Bidder, directly or through common third parties, that puts it in a position to influence the Bid of another Bidder, or influence the decisions of the Employer regarding this Bidding process;  
 or
- (e) has a close business or family relationship with a professional staff of the MSEDCL who:
  - i. are directly or indirectly involved in the preparation of the bidding document or specifications of the Contract, and/or the Bid evaluation process of such Contract;

or

- ii. would be involved in the implementation or supervision of such Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Employer throughout the Bidding process and execution of the Contract.

6. As an exception to the foregoing Clause above

- a. Sanctions: Firms, blacklisted by the Employer/ CPSEs or any of their subsidiaries / Government of India/ Government of any State] / any Regulatory Authority, as on the date of submission of Bid are not eligible to bid.
- b. Suspension : Firm, under suspension by the Employer as the result of the operation of a Bid–Securing Declaration or Proposal–Securing Declaration, shall not be eligible to bid.
- c. Prohibitions : Firms, and individuals of a country or goods/ work services manufactured/ produced in a country shall be ineligible, if as a matter of law or official regulations, the Government of India prohibits commercial relations with that country

7. MSEDCL reserve rights to reject or accept any or all bids wholly or partly without assigning any reason on the ground considered advantageous to MSEDCL.

**8. 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.

**9. 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 plat form and the documents shall be scanned and submitted.

**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 or financial evaluation.

- i. Bidder’s Information sheet (Appendix-I(A))

- ii. Firm's Profile at a Glance (Appendix-I(B))
- iii. Financial Status (Appendix-I(C))
- iv. Annual turnover (Appendix-I(D))
- v. Installation and performance credentials.
- vi. Experience (Appendix-II)
- vii. Form of Earnest Money Deposit / Bid Security (Appendix-III)
- viii. Form of consent of Lowest matching Offer (Appendix-IV)(optional)

## **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 for each schedule inclusive of Installation/Handling of material/Equipment testing, commissioning and consumable. Taxes as applicable will be paid extra.
- (iii) Prices shall be quoted in Indian Rupees.
- (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.

## **10. Earnest Money Deposit (E.M.D.):**

- A. The Bidder shall furnish along with the Technical Proposal, an E.M.D. of Rs. 10,000.00(Rs. Ten Thousand only). Payable either by DD in favour of MSEDCL or in the form of account transfer through RTGS/NEFT into Bank of Maharashtra, Kolhapur, Tarabai Park Branch in Account No20027601004 IFCS Code MAHB0001045
- 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 empanelment.

- (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 24 of this Section - II of this Section, its EMD will be forfeited.

### **11. Period of Validity of Bid:**

- A. 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 (10) 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.
- B. 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.

### **12. 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: - <http://works.mahadiscom.in/eTender/etender>

### **13. Format of Bid**

- A. 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.
- B. 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 elsewhere 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.

**14. Mode of submission of bids:**

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

**15. Submission of Bids:**

Sealing and Marking 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.

**16. 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.

**17. Clarification of Bids:**

During evaluation of Bids, MSEDCL may, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response shall be in writing on e-mail id mentioned in Section-I of the bid and no change in prices or substances of the Bid shall be sought, offered or permitted.

**18. Acceptance or Rejection of Bids:**

- A. 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.

- B. Incomplete bid or Bid with incomplete information/Documents or bid which is not substantially responsive as determined by MSEDCL are liable for rejection.

## **19. Preliminary Examination of Price Bid:**

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

## **20. Opening and Evaluation of Proposals:**

### **A. Opening of Pre-Qualification cum Technical Proposals:**

- a. MSEDCL will open the Technical Proposals on the date and time designated in the E-Tender Notice/ Bid Document.
- b. The time and date of the opening of the Price Bids will be informed through auto generated email to technically qualified bidders.

### **B. Examination of Technical Proposals and Determination of Responsiveness:**

- a. 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.
- b. 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:**

- a. 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.
- b. 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**

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

**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.***

- a. The bidders who have given optional consent (Appendix-IV) would automatically be considered as bidders matched with L1 and would be considered for empanelment.
- b. If sufficient number of bidders is 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.
- c. If the other bidder/s give consent to accept order at such lowest acceptable price, such bidders shall also be considered for empanelment.
- d. The allocation of actual breakdown works/ Work order, the priority

shall be commenced from the L-1 Bidder only.

- e. MSEDCL reserves the rights to empanel the agencies at sole discretion subject to matching the quote of the L-1 Bidder.

## 21. Notification of Empanelment

- A. Prior to expiration of the period of bid validity prescribed by MSEDCL, MSEDCL will notify the successful bidder, that his bid has been accepted and his name is empanelled to attend ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone*** for 1 year on the rates offered by him.
- B. The notification of empanelment will constitute the formation of the Contract. Further, the name of empanelled contractors will be hosted on MSEDCL website.
- C. Upon notification of empanelment as above MSEDCL will promptly notify the other bidders that their bids have been unsuccessful.
- D. After empanelment the detail work orders will be issued subsequently as and when need arise during the time agency is empanelled.

## 22. Signing of Contract

- A. At the same time that MSEDCL notifies the successful bidder that its bid has been accepted, MSEDCL will send the bidder the Form of Contract, incorporating all agreements between the parties.
- B. Within 14 days of receipt of the Letter of Empanelment, 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 issued in Maharashtra and return it to MSEDCL.
- C. The incidental expenses of execution of agreement shall be borne by the successful Bidder(s).

## 23. 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 empanelment offer letter in the form of an unconditional and irrevocable Bank Guarantee for an amount of Rs. 50,000/- (Rupees Fifty Thousand) denominated solely in INR payable and claimed at Kolhapur issued either by a Nationalized or Scheduled Bank located in Maharashtra & acceptable to MSEDCL and valid for the period for 1 year. During contract period, at any time the value of

PBG should not be less than 5% of the value of executed works. In case the PBG amount is less than 5% of the value of executed works the contractor will have to submit additional PBG so as to make the total value of PBG at least equal to 5% of value of the executed quantity.

- 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 1 year of commissioning.
- C. Prior to making a claim under the Performance Bank Guarantee, MSEDCL or MSEDCL representative shall, in every case, notify the Contractor stating the nature of the default for which the claim is to be made.

#### **24. Forfeiture of Performance Bank Guarantee**

- A. The performance Bank Guarantee submitted in lieu of security deposit specified in the clause 23 will be liable to be forfeited if
  - i. The contractor fails to initiate the works after award of contract.  
or
  - ii. The progress of works lagging behind the intended progress of works  
or
  - iii. The contract is terminated due to the reasons attributed to the contractor.  
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 the opportunity of being heard has been reasonably given to the party and no sign of improvement has been observed.

#### **25. 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 below as follows:

- a. **“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
  - b. **“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 determines 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, to be awarded 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.

## 26. 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 Contractor 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 Contractor 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 Contractor and not on procurement of raw materials, intermediary components etc. by the Contractor 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.

**27. Process for empanelment of agencies subdivision wise at division level:**

- (i) The empanelment of agencies for the breakdown maintenance of substations shall be done by Superintending Engineers Kolhapur Circle after floating of tenders of empanelment.
- (ii) The Superintending Engineer will empanel 3 to 5 Nos. of agencies for each division.
- (iii) The Superintending Engineer will give sub-division wise allotment of agencies.
- (iv) The detail division wise work order shall be given by the respective division through ERP only.
- (v) After completion of work, the contractor should submit the bill through ERP and upload the checklist and photographs in the system.
- (vi) The allotment of division to the empanel agency may be changed at discretion of MSEDCL. The services of the empanelled contractor may be utilized by MSEDCL in nearby O&M sub-division/ Division during emergencies like major breakdown, flood, and natural calamities with the consent of Agency.
- (vii) The Executive Engineer (ADM) circle 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.
- (viii) The Empanelled agencies shall provide adequate manpower / materials in case of situations like Agitation / Disaster / Natural Calamities, etc.

## 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. THE CONTRACT

##### A. 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:

##### a. Dates, Times and Periods

- i. "**Commencement Date**" means the date of issue of work order by the concern Superintending Engineer
- ii. "**Contract Period**" means the period from the Commencement Date to the date of completion of the guarantee period.
- iii. "**Defect Correction / Liability Period**" means the period for correction of the Defect by the Contractor, beginning from receipt of the Notice of Defect from MSEDCL by the Contractor and extending up to days thereafter.
- iv. "**Defect Notice Period**" means the period after observation of the Defect within which MSEDCL should notify the Contractor

about the Defect. Notification of the Defect will normally be made immediately after its observation.

- v. **“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”.

#### b. Documents

- i. **“Contract”** means the agreement if any to be entered into by MSEDCL with the contractor and shall include these Conditions of Contract, MSEDCL Requirements, the Tender, the Contractor'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.
- ii. **“MSEDCL'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.
- iii. **“Letter of Empanelment / award”** means the formal acceptance by MSEDCL of the tender. The term “Letter of Empanelment / award” is synonymous with the term “Notice of Empanelment / Award”.
- iv. **“Rate Contracts”**: The Rate Contract is a contract under which, during the period of its currency, the contractor 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.
- v. **“Tender/ Expression of Interest (EoI)”** means the Contractor's priced offer to MSEDCL for the works, as accepted

by the Letter of Award. The word 'tender' is synonymous with 'bid'.

### c. Money and Payments

- i. "**Contract Price**" means the sum stated in the Letter of award as payable to the Contractor for the design, execution, testing, commissioning and completion 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.
- ii. "**Cost**" means all expenditure properly incurred (or to be incurred) by the Contractor, whether on or off the Site, including overhead and similar charges, but does not include profit.

### d. Other Definitions

- i. "**Contractor'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.
- ii. "**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.
- iii. "**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. "**Materials**" means things of all kinds (other than Plant) to be provided and incorporated in the Permanent Works by the Contractor, including the supply-only items (if any) which are to be supplied by the Contractor as specified in the Contract.

- iv. **"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.
- v. **"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.
- vi. **"Works"** means attending the Breakdowns as per the instructions received from tender accepting authority/representative of MSEDCL for said works.

#### e. Persons

- i. **"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.
- ii. **"Arbitrator"** means a person agreed by the parties to act as Arbitrator or a person appointed by MSEDCL to settle any dispute or differences between MSEDCL and the Contractor and named as such is specified Tender and shall include "Principal Arbitrator".
- iii. **"Contractor/ Agency"** means the entity supplying the goods and services under this contract.
- iv. **"Contractor's Representative"** means the person (if any) named as such in the Contract or other person appointed from time to time by the Contractor.
- v. **"Empanelled Contractor"** means the person who's 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.

- vi. **"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 Contractor.
- vii. **"Inspecting Authority"** shall mean any Engineering person or personnel authorized by MSEDCL to supervise and inspect.

**f. Tests and Completion**

- i. **"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.
- ii. **"Final Contract Completion Certificate"** means the certificate issued by MSEDCL Representative upon satisfactory completion of the Guarantee responsibilities.
- iii. **"Taking-Over Certificate"** means a certificate issued by the Engineer when the Works, have been completed in accordance with the Contract.

**g. Contract Agreement**

A Contract Agreement shall be provided separately.

**h. 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 Contractor, and the priority of the documents shall be as follows:

- i. The Contract Agreement.
- ii. The Letter of Empanelment;
- iii. The Bid (accepted Price Proposal);
- iv. The Conditions of Contract,;
- v. MSEDCL Requirements (including Specifications and Drawings); and

- vi. The Contractor's Proposal (Technical Proposal, including completed Schedules).

**i. Communications**

- 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. All certificates, notices or written orders to be given to the Contractor by MSEDCL or MSEDCL Representative, and all notices to be given to MSEDCL or to MSEDCL Representative by the Contractor, shall be sent by air/ mail or one of the agreed systems of electronic transmission. The addresses for the receipt of such communications shall be as stated in the Appendix to Technical Proposal.
- j. Works review coordination meetings between MSEDCL Representative and Contractor shall be conducted on a monthly basis or as and when required by MSEDCL, at locations decided by MSEDCL, to review the Contractor'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.

**k. Compliance with Statutes, Regulations and Laws**

The Contractor 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 Contractor 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 Contractor shall comply with the laws of India and the State of Maharashtra.

### 1. Labour laws

The Contractor 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 Contractor shall require all such employees to obey all applicable laws and regulations concerning safety at work. Contractor 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.

### 2. 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.

- a) The Contractor 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 ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone*** Undertake necessary activities during the guarantee period as set out in this Contract.

### 3. 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 Contractor under the contract shall be fully insured by the Contractor 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.

### 4. Transportation and Insurance on material during transit

Where the Contractor is required under the contract to transport the goods to specified locations defined as Works sites and transport to such places including insurance, shall be arranged by the Contractor, as specified below.

All major materials will be transported from Division store and old material is to be credited to Division Store.

(i) The cost of transportation of material will be reimbursed by MSEDCL on the cost of material as per prevailing cost data at a rate of 4% on the material supplied by contractor and at a rate of 1% for material supplied by MSEDCL including crediting the old material to store.

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

**5. Payment:**

Payment will be made to the Contractor as per Section III.

**6. Sub-contracts:**

Subcontract is not allowed.

**7. Notice to Correct**

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

**8. Termination of works:**

- a) MSEDCL may request, by notice, to order the Contractor to suspend performance of any or all of its obligations under the Contract. Such notice shall specify the obligation of which performance is to be suspended, the effective date of the suspension and the reasons, therefore. The Contractor shall thereupon suspend performance of such obligation (except those obligations necessary for the care or preservation of the Facilities) until ordered in writing to resume such performance by MSEDCL.
- b) During the period of suspension, the Contractor shall not remove from the Site any Plant and Equipment, any part of the Facilities or any Contractor's Equipment, without the prior written consent of MSEDCL.

**9. Removing from empanelment for default:**

The successful bidder(s) have to execute the Breakdown 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 Contractor, terminate the contract (empanelment) in whole or part:

- a) In case the contractor defaults on following events on three successive occasions during its term of empanelment, the contract order is liable for cancellation of empanelment after issue of termination notice.
- (i) If successful bidder(s) do not execute Breakdown Maintenance work allotted to them as per the Work Order issued by MSEDCL or his representative.
- OR
- (ii) If successful bidder(s) delays in the execution of Breakdown Maintenance 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 successful bidder(s) during the execution of Breakdown Maintenance work allotted to them as per the Work Order issued by MSEDCL or his representative subsequently fails/ breaks down.
- OR
- (iv) If the successful bidder(s) do not follow statutory rules & regulations related to Safety/ Construction & Maintenance practices / Labour Laws as issued by MSEDCL & other statutory authorities e.g., CEA/ Electrical Inspectorate, etc.
- OR
- (v) If the successful bidder(s) deploy less and/or unskilled manpower than specified under this tender document.
- b) If found executing the works through subcontractor.
- c) If contractor fails to replace substandard material or to rectify poor quality of works within 2 weeks from notice given to him.
- d) If the Contractor/ Agency, in the judgment of MSEDCL has engaged in corrupt or fraudulent practices in competing for or in executing the contract.

## 10. Force Majeure

Notwithstanding the provisions of conditions of contract, the Contractor 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 Contractor and not involving the Contractor/ 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 Contractor shall promptly notify MSEDCL in writing of such conditions and the cause thereof. Unless otherwise directed by MSEDCL in writing, the Contractor 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.

### **11. 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/ contractor may be debarred as per MSEDCL debar policy provided on MSEDCL website link. (<https://www.mahadiscom.in/supplier/wp-content/uploads/2022/09/Debar-blacklist-policy-Circular-dt150922.pdf>)

### **12. Settlement of Disputes**

#### **Dispute Resolution Committee**

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 contractor to the Superintending Engineer of Circle.

The 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).

The Committee shall (within 120 days) after receipt of the contractor's representation make and notify decisions of all matters referred to by the contractor in writing.

In case the Dispute resolution committee fails to resolve the dispute, the matter shall be resolved by arbitration as stipulated under the arbitration act 1996.

#### **a) Notices**

Any notice given by one party to the other pursuant to this contract shall be sent to other party in writing or by cable, telex or facsimile, E-mail and confirmed in writing to the other party's address specified.

A notice shall be effective when delivered or date on the notice, whichever is later.

For the purpose of all notice, the following shall be the address of the MSEDCL.

<p>(Er Ankur H Kawale, Superintending Engineer)          Office of the Superintending Engineer          Maharashtra State Electricity Distribution Co. Ltd.          Kolhapur Circle, Kolhapur Zone,          Vidyut Bhavan, 1<sup>st</sup> Floor, Tarabai Park, Kolhapur          Dist: Kolhapur Pin: 416003          Telephone: 0231-26505881 Extn. : 201          Email: sekolhapur2013@gmail.com</p>
--

Contractor: Name & Postal Address, contact nos., fax no. etc. (To be filled in at the time of contract signature)

## **b) Arbitration**

In case the Dispute resolution committee fails to resolve the dispute, the matter shall be resolved by arbitration in the manner provided herein below:

The arbitration shall be conducted by three arbitrators, one each to be nominated by the Contractor and MSEDCL and the third to be appointed by both the arbitrators in accordance with the Indian Arbitration Act. If either of the parties fails to appoint its arbitrator within sixty (60) days after receipt of a notice from the other party invoking the Arbitration clause, the arbitrator appointed by the party invoking the arbitration clause shall become the sole arbitrator to conduct the arbitration.

The language of the arbitration proceedings and that of the documents and communications between the parties shall be English. The arbitration shall be conducted at Division Headquarter in accordance with the provisions of the Indian Arbitration and Conciliation Act, 1996 or any statutory modification thereof.

The decision of the majority of the arbitrators shall be final and binding upon the parties. In the event of any of the aforesaid arbitrators dying,

neglecting, resigning or being unable to act for any reason, it will be lawful for the party concerned to nominate another arbitrator in place of the outgoing arbitrator.

During settlement of disputes and arbitration proceedings, both parties shall be obliged to carry out their respective obligations under the Contract.

### **c) Disputes**

Any disputes or differences arising under, out of or in connection with this tender or contract if not concluded shall be subject to jurisdiction of courts in respective Division area. The Indian Law shall govern the contract.

MSEDCL and the Contractor shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them.

- i. If, after thirty (30) days, the parties have failed to resolve their dispute by such mutual consultation, then either MSEDCL or the Contractor may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.
- ii. Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced at any time during the validity of rate contract.
- iii. Arbitration proceeding shall be conducted in accordance with the rules of procedure specified.

### **13. Agreement:**

- a) The successful Bidder(s) shall execute an agreement for the fulfilment of the contract on non-judicial stamp paper as per Maharashtra Stamp Act purchase within the state of Maharashtra as per the format provided separately within 14 days from date of receipt of LOE.
- b) The incidental expenses of execution of agreement shall be borne by the successful Bidder(s).

### **14. Contractor Obligations:**

The Contractor is obliged to work closely with MSEDCL staff, act within its own authority and abide by directives issued by MSEDCL and implementation activities.

The Contractor will abide by the job safety measures given on MSEDCL web site(<https://www.mahadiscom.in/consumer/wp-content/uploads/2018/03/SurakshaDeepSurakshaPustika.pdf> ) and will free MSEDCL from all demands or responsibilities arising from accidents or loss of life the cause of which is the Contractor negligence. The Contractor will pay all indemnities arising from such incidents and will not hold MSEDCL responsible or obligated.

The Contractor is responsible for managing the activities of its personnel and will hold itself responsible for any misbehaviour.

The Contractor will treat as confidential all data and information about MSEDCL, obtained in the execution of his responsibilities, in strict confidence and will not reveal such information to any other party without the prior written approval of MSEDCL.

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 execution of work. All the expenditure including treatment or compensation will be entirely borne by the Contractor. The Contractor shall also be responsible for any claims of the workers including PF, Gratuity, ESI & other legal obligations.

The Contractor should provide its employees photo identity cards to be properly displayed during duty hours. No extra payments shall be claimed by the contractor or its deployed staff for such item.

The Contractor should carry out ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur 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 this document.
- 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 implementation of the contract.
- c. If any defect is noticed within guarantee period of 1 year after supply, same will have to be replaced by the Contractor at his own expenses.

- d. The contractor shall not be responsible for the failed equipment which are already in guarantee period. However, if the earlier contractor whose equipment under guarantee period is not ready/unable to carry out the work then in such cases the failed equipment will be attended by the empanelled contractor. The incurred expenditure will be recovered from the previous contractor.
- e. The successful bidder should indicate the name and address of their nearest centre that can take up immediate action on complaint.

## 15. Implementation schedule and process:

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

- (i) The work as per schedule of ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone*** shall be carried out by Agency and will enter on MSEDCL web portal with photographs of works attended. The Contractor shall carry out the Breakdown maintenance immediately from the intimation / by message / mail. The Contractor shall complete the work as per the schedule of works 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 Contractor fails to perform the activities within time period from intimation, the Notice to Correct Work shall be issued.
- (iv) In spite of notice to correct works, if Contractor fails to perform/ improve the progress of the activities, the notice of termination of the empanelment shall be issued.
- (v) In case Contractor fails to perform the activities even after repeated messages / calls (3 times) from the issue of the Termination of Contract Notice, the Empanelment / contract/ work shall be terminated and action as per debar policy of MSEDCL will be initiated.
- (vi) The Contractor should take photographs of works carried out along with the contractor representative & MSEDCL's local representative and same is to be uploaded in the system.

## 16. Payment and Penalty

### (i) The Contract Price:

- a) Unless specified otherwise in the MSEDCL Requirements, Bidders shall quote for the entire facilities on a “**single point responsibility**”

basis such that the total bid price covers all the Contractor's obligations mentioned in or to be reasonably inferred from the Bid documents in respect of carrying **Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone** along with provision of data transfer directly to MSEDCL Portal as described in the Bid document on **“Partial Turnkey”** Contract Basis.

- b) The Bidders shall mention the details of GST with Government Notification in Price Schedule. Bidder shall note that the actual applicable taxes shall be paid to Contractor.
- c) Such Bidder that has quoted the lowest price (exclusive of all the taxes) against the individual capacity shall be declared as the preferred Bidder (the “First Selected Bidder”).
- d) The Bidder shall quote rates clearly and no alterations or additions shall be made to the Price schedule.
- e) The rates and prices quoted by the bidder shall remain fixed and valid for the duration of the contract and would not be subject to variation on Payment terms.

**(ii) Billing procedure:**

- a) a) The works as per work order shall be carried out by Agency and will enter on MSEDCL web portal with photographs of works carried out. The contractor may submit request for JM to concerned Executive engineer, O & M division with copy to Section Engineer.
- b) The concerned Section Engineer will carry out the JM and point out defects if any to the Contractor within 3 days from the completion of work.
- c) After rectifying defects if any, the contractor will submit Invoice document to the concerned Section Engineer for JMC of rectified work and will upload the same on web portal.
- d) The Sub Divisional officer (O&M) after due scrutiny will clear the JMC. and forward to the Executive Engineer within 2 days from the receipt of the JMC.
- e) The Executive Engineer, O&M Division will submit technically scrutinised & audited Invoices to WM Section and WM Section will transfer money to the contractor’s account within 7 days from the receipt of the JMC from SDO.

**(iii) Payment procedure:**

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

1) **100%** of the order value for labour component against material supplied by MSEDCL for carrying out ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone*** as per the rates applicable in the yearly rate contract, along with taxes, within 30 days of submission of necessary documents as per check list in duplicate.

**AND**

**90%** of the order value for Supply, Erection, Testing & Commissioning of Line / Cable materials/Substation equipment's, etc within 30 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 and/ or its authorized inspection agencies, for which the claim is received.

The details of all the maintenance works carried out should be fed through mobile-app/ IT system developed by MSEDCL.

2) The balance 10% of payment against supply, installation and commissioning including Taxes shall be released on completion of guarantee period.

3) In case of repairing of Breaker, the cost of major spares as per the O.E.M. (Original Equipment Manufacturer) rate list will be reimbursed. Payment for the same will be made as per Manufacturer's spares price list.

**(iv) Taxation**

a) The price bid by the Contractor shall except GST, includes all customs duties, import duties, business taxes, income tax, and any other taxes, duties or levies that may be levied in accordance to the laws and regulations in being as of the date 28 days prior to the closing date for submission of bids in India on the Contractor's Equipment, Plant, materials and supplies (permanent, temporary and consumable) acquired for the purpose of the Contract and on the services performed under the Contract. Nothing in the Contract shall relieve the Contractor from its responsibility to pay any tax

that may be levied in India on profits made by it in respect of the Contract.

The Bidders shall mention the details of GST with Government Notification in Price Schedule. Bidder shall note that the actual applicable taxes shall be paid to Contractor.

- b) The bidder should also note that MSEDCL will discharge its tax liability under the most beneficial scheme for availing the maximum cost advantage. Bidder should therefore take GST/any tax refund / rebate to which they may be legally entitled into consideration while offering their quoted rates/ prices.

**(v) Penalty for Delay:**

- a) The contractor shall be given the intimation of breakdown through e-mail/SMS/WhatsApp or any other channel of communication on given contact details.
- b) The contractor shall mobilise the manpower and commence the breakdown works within 30 min. from receipt of intimation.
- c) The Contractor is required to complete the work within the stipulated time (i.e., shutdown) as given by the concern in-charge. In case the work is not completed within time then the penalty @ Rs.1000/- per hour for every additional hour required for completion work taken shall be charged.
- d) If the contractor fails to provide necessary Spares and Consumables, Tools & Plants and if 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.
- e) The Penalty for the delay applicable to activities will not be attributed to the contractor 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 contractor.

**(vi) Penalty for non-executed work:**

In case the contractor does not execute allotted work as per the hours specified in penalty clause No. 16(v) then empanelment will be cancelled and PBG will be forfeited. MSEDCL will reserve the right to execute the work from another contractor at the RISK & COST of the defaulter contractor.

## 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.,

Kolhapur Circle, Dist. Kolhapur Pin 416003

**Name of Contract:** Empanelment of Agencies for ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone***

Sir,

We have understood and checked these documents and have not found any errors in them. We accordingly offer to attend ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur 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 set forth in sections and agree that these will form a part of the Contract if we are selected for award of empanelment.

We have submitted price bids for Tender No. SE/KC/Tech/BM/SSTN/24-25/T-14/23-24. 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 should MSEDCL decide to reject our Bid for one or more Tenders 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.

We accept that Dispute Resolution procedures, General Conditions of Contract, will be used for settling any disputes that cannot be mutually agreed with MSEDCL, and confirm that we specifically agree that Arbitration proceedings will be applicable for resolving any disputes.

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 TO BE ENCLOSED**

Sr. No.	Name of Documents Attached	Remark	
		Yes	No
1.	Bidder's Information Sheet Appendix-I(A)	Yes	No
2.	Firm's Profile at a Glance Appendix-I(B)	Yes	No
3.	Financial Status Appendix-I(C)	Yes	No
4.	Annual Turnover Appendix-I(D)	Yes	No
5.	Self-Certification of No Bar/ non-failure/ blacklisted	Yes	No
6.	Scan copy of Form of EMD/Bid Security Appendix-III	Yes	No
7.	Installation and performance credentials	Yes	No
8.	Experience for maintenance, supply and commissioning Appendix-II	Yes	No
9.	Form of Consent for Lowest Matching Offer Appendix-IV (optional)	Yes	No
10.	Power of attorney in the name of the person authorized to sign Bid document	Yes	No
11.	Receipt of Payment made by the bidder against the Bid Fees	Yes	No
12.	Tender Document signed by bidder on each page along with Price Schedule Format.	Yes	No
13.	Form of Technical Proposal	Yes	No

Bidder's Signature:

(Seal)

**1. 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.,

Kolhapur Circle, Dist. Kolhapur Pin 416003

Name of Contract: Empanelment of Agencies for ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur 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 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 reasonably possible after receiving the Notice to Commence, and complete the Works in accordance with the above-named document within the 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/KC/Tech/BM/SSTN/24-25/T-14/23-24
Employer's Name and Address	Maharashtra State Electricity Distribution Co. Ltd. Represented by the: Superintending Engineer, Kolhapur Circle Maharashtra State Electricity Distribution Co. Ltd.
Contractor's Name and Address	(To be completed by the Bidder before the Bid is submitted)
Name and Address of the MSEDCL Representative	Superintending Engineer of Concerned Circle.

**CHECK LIST OF DOCUMENTS TO BE ENCLOSED**

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

Signature of Bidder:

.....

## APPENDIX- I (A)

### BIDDER'S INFORMATION SHEET

To establish its qualifications to perform the contract the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder.

Bidder's legal name	
Bidder's UIN No.	
Bidder's registration certificates for GST and registration certificates under the applicable PF and labour laws.	
Bidder's authorized representative (Name, address, telephone numbers, fax numbers, e-mail address)	
Attached are copies of the necessary original documents.	
1	
2	
3	
4	
5	
6	

Signature of Bidder

Name

Designation

Date:

## APPENDIX- I (B)

### 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 and registration certificates under the applicable PF and labour laws.	
10	Turnover 2019-20, 2020-21, 2021-22 & 2022-23 (in Crore Rs.)	
11	Net worth	
12	Special Remarks, if any	
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 incorrect at later date, our tender shall be liable to be rejected and our company may be debarred from executing any business with MSEDCL.

Signature of Bidder

Name

Designation

Date:

## APPENDIX- I (C) 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 three years of FY 2020-21, 2021-22 & 2022-23,			

Applicant's Auditor

**APPENDIX- I (D)**  
**ANNUAL TURNOVER**

<b>Year</b>	<b>Rs in Lacs.</b>
2020-21	
2021-22	
2022-23	

The information supplied should be the Annual Turnover of the Bidder in terms of the amounts billed to clients for each year for work in progress or completed.

Signature of Applicant

Certified by Applicant's Auditor

(Affix Stamp)



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

WHEREAS, \_\_\_\_\_ [Name of Bidder] (hereinafter called “the Bidder”) has submitted his bid dated \_\_\_\_\_, for Empanelment of Contractors for **Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone** with guarantee period of 1 Year for materials from the date of 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 **Breakdown Maintenance of Substation in Kolhapur Circle of Kolhapur 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 deadline for submission of bids 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

**APPENDIX- IV**  
**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.,  
 Kolhapur Circle, Dist. Kolhapur Pin. 416003

Name of Contract: Empanelment of Agencies for ***Breakdown Maintenance of Substation in Kolhapur Circle Kolhapur Zone.***

Confirmation for accepting empanelment 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.

Signature of Bidder

Name

Designation

Date

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

<b>Sr.no</b>	<b>Designation</b>	<b>Manpower</b>	<b>Work</b>	<b>Education Qualification and experienced</b>
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 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 Breakdown Maintenance work	10th Class Pass with 03 years' experience and basic Knowledge of Electrical Equipment 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 TO BE SUBMITTED FOR TECHNICAL QUALIFICATION**

<b>Sr.No.</b>	<b>Name of Tools and Plants</b>	<b>No.(s)</b>
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, contractor to procure and use in such instances, the cost of such material procured by Contractor shall be reimbursed as per prevailing cost data of MSEDCL along with price variation (PV) if any)**

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 Amp 11 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, Islators, 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 ID switchgear (1 I/c+1 B/c+4O/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	Clamp for 22 KV VCB

78	Clamps for 22 KV C.T.
79	Clamps for 22 KV Isolator
80	Clamps for 22 KV P.T.
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

**ANNEXURE-D****LIST OF MINOR AND CONSUMABLE MATERIAL****(Which shall be used by Bidder from his own resources without any extra cost.)**

<b>Sr. No.</b>	<b>Particular</b>
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

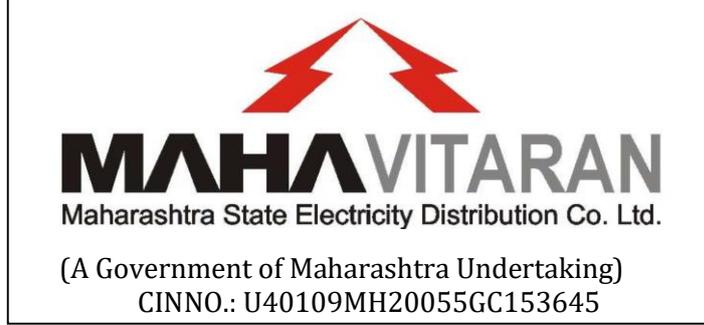
**ANNEXURE-E****Labour Charges for Breakdown Maintenance of Substation for Empanel Agency**

<b>Activity</b>	<b>Per Unit</b>	<b>Per Unit Rate in Rs.</b>
Replacement of damaged earthing	EA	12200
Replacement of faulty end terminations	No	1464
Replacement of AB Switch	No	1830
Replacement of damaged Isolator	No	1220
Repl of damaged insulators & Bushings	No	366
Repair/repl of Battery charger / Set	No	1220
Repair of damaged coil/spring chr & motor	No	610
Replacement of damaged Breaker	No	3660
Repl/repair Statn type Lighting Arrestor	No	1220
Repl/repair Line type Lighting Arrestor	No	366
Replacement of damaged CT / PT	No	1220

Cleaning & checking of Breakers & RMU	No	3660
Repl of Pole of any type of breaker	EA	3660



**MAHARASHTRA STATE ELECTRICITY DISTRIBUTION COMPANY  
LIMITED**



**Price Bid**

**Empanelment of Agencies for *Breakdown Maintenance of Substation in  
Kolhapur Circle Kolhapur Zone***

**(SE/KC/TECH/BM/SSTN/24-25/T-14/2023-24)**

**<https://works.mahadiscom.in/eTender/etender>**

Office of the Superintending Engineer,  
Maharashtra State Electricity Distribution Co. Ltd.

**KOLHAPUR CIRCLE**

**1<sup>ST</sup> FLOOR, VIDYUT BHAVAN, ADM  
BUILDING, TARABAI PARK,  
KOLHAPUR**

**Dist: KOLHAPUR Pin: 416003**

**Telephone :0231-2650581, Extn. :-201**

**Email: [sekolhapur2013@gmail.com](mailto:sekolhapur2013@gmail.com)**

**E.M.D. Rs. 10,000/- (Rs-Ten thousand 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,  
Maharashtra State Electricity Distribution Co. Ltd.,  
Kolhapur Circle, Dist. Kolhapur Pin 416003

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

### Breakdown maintenance of Substation/Switching Station.

Description	% Rate for Year 2024-25
<b>Charges including consumables item as per Annexure D towards Breakdown Maintenance of 33/11 kV, 33/22 kV, 22/11 kV Substation or Switching Station for the quantities specified in Estimate</b>	

1. While quoting the rates the bidder should refer Annexure E.
2. The work can go up beyond estimated quantity. The estimated quantities are taken from previous year base data of interruptions.
3. The rates quoted should be inclusive of consumable items as per Annexure-D.
4. The cost of transportation of material will be reimbursed by MSEDCL on the cost of material as per prevailing cost data, at a rate of 4% on material supplied by contractor and at a rate of 1% for material supplied by MSEDCL and towards crediting of old material to store.
5. If the Cost of any material /equipment is not available in the Cost Data, the same shall be taken from the work executed in the adjoining Division/Circle.
6. The major material will be provided by MSEDCL such as Bushings, Station Transformers, Breakers, Insulators, CT/PT, conductor, AB Switch, Isolator, RMU, Poles, Cables, etc if available. However, in case these materials are not available with MSEDCL, the same will be supplied by the contractor @ rate of prevailing cost data of MSEDCL.
7. Old / Damaged cables / materials removed from site shall be credited to Divisional Stores by the Agency.
8. Applicable rate of G.S.T. \_\_\_\_\_% (as per notification published).
9. The spares required to be supplied will be reimbursed as per actual, if not included in cost data. The bidder shall refer cost data for details of spares included before bidding.

**Seal and Signature of the Tenderer.**

Sr. No.	Name of Activities
1.	Replacement of damaged earthing
2.	Replacement of faulty end terminations
3.	Replacement of AB Switch
4.	Replacement of damaged Isolator
5.	Repl of damaged insulators & Bushings
6.	Repair/repl of Battery charger / Set
7.	Repair of damaged coil/spring chr & motor
8.	Replacement of damaged Breaker
9.	Repl/repair Statn type Lighting Arrestor
10.	Repl/repair Line type Lighting Arrestor
11.	Replacement of damaged CT / PT
12.	Cleaning & checking of Breakers & RMU
13.	Repl of Pole of any type of breaker

Note: The anticipated estimated quantity is based on the past records, but the said activity wise quantity may vary during the execution of Contract.

**Maharashtra State Electricity Distribution Company Limited**  
**List Of Services (REPORT AS ON 05-FEB-2024 04:07 PM)**

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.ARMOURD	M	N		57
11413421065	1100 VOLTS GRADE L.T.PVC CABLE 3.5C X 35SQ.MM. AL.ARMOURD	M	N		157
11413421575	1100 VOLTS GRADE L.T.PVC CABLE 3.5C X 50SQ.MM. AL.ARMOURD	M	N		165
11413433075	1100 VOLTS GRADE L.T.PVC CABLE 4C X 16SQ.MM. AL.ARMOURD	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
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	SLEVE 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	DISTR. 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

## Maharashtra State Electricity Distribution Company Limited

List Of Services (REPORT AS ON 05-FEB-2024 04:07 PM)

ORDER TYPE	SCHEDULE TYPE	ASSET	SERVICE NAME	DESCRIPTION	UNIT OF MEASUREMENT	SCHEDULED RATE
BreakDown	N/A	DTC	BM.DTC.001	Repl DT - Pole mounted upto 200 kVA	NO	1220
BreakDown	N/A	DTC	BM.DTC.002	Repl DT - Plinth mounted 315 kVA & abv	NO	2440
BreakDown	N/A	DTC	BM.DTC.003	Repl DT - Indoor DTC upto 200 kVA	NO	2440
BreakDown	N/A	DTC	BM.DTC.004	Repl DT - Ind DTC abv 200kVA upto 630kVA	NO	4880
BreakDown	N/A	DTC	BM.DTC.005	Repl DT - Indoor DTC above 630 kVA	NO	6100
BreakDown	N/A	DTC	BM.DTC.006	Rep of faulty end termination HV Side OH	NO	122
BreakDown	N/A	DTC	BM.DTC.007	Rep of faulty end termination HV side UG	NO	1830
BreakDown	N/A	DTC	BM.DTC.008	Replacement of damaged distribution Box	NO	1464
BreakDown	N/A	DTC	BM.DTC.009	Rep of complete HT studs for all cap DT	NO	427
BreakDown	N/A	DTC	BM.DTC.010	Rep of brass metal LT stud 12 mm dia	NO	659
BreakDown	N/A	DTC	BM.DTC.011	Rep of brass metal LT stud 20 mm dia	NO	988
BreakDown	N/A	DTC	BM.DTC.012	Rep of brass metal LT stud 30 mm dia	NO	1495
BreakDown	N/A	DTC	BM.DTC.013	Rep of LT bushing Upto 100 KVA	NO	366
BreakDown	N/A	DTC	BM.DTC.014	Rep of LT bushing Abv 100 KVA to 315 KVA	NO	488
BreakDown	N/A	DTC	BM.DTC.015	Rep of LT bushing Abv 315 KVA to 630 KVA	NO	580
BreakDown	N/A	DTC	BM.DTC.016	LT stud rubber washer 12 mm dia	NO	659
BreakDown	N/A	DTC	BM.DTC.017	LT stud rubber washer 20 mm dia	NO	988
BreakDown	N/A	DTC	BM.DTC.018	LT stud rubber washer 30 mm dia	NO	1495
BreakDown	N/A	DTC	BM.DTC.019	Rep of HT bushing 11 KV	NO	580
BreakDown	N/A	DTC	BM.DTC.020	Rep of HT bushing 22 KV	NO	702
BreakDown	N/A	DTC	BM.DTC.021	HT stud rubber washer O ring 11/22 KV	NO	427
BreakDown	N/A	DTC	BM.DTC.022	removing and repl top cock 1 size"	SET	195
BreakDown	N/A	DTC	BM.DTC.023	removing and repl top cock 1 & 1.4 size"	SET	366
BreakDown	N/A	DTC	BM.DTC.024	removing and repl top cock 1 & 1.2 size"	SET	427
BreakDown	N/A	DTC	BM.DTC.025	Supply-fix copper exten strip LT bushing	NO	610
BreakDown	N/A	DTC	BM.DTC.026	Supply and fixing cork Gasket 5 mm thick	SET	854
BreakDown	N/A	DTC	BM.DTC.027	Repl DT - Indoor DTC 315 kVA	NO	3660
BreakDown	N/A	DTC	BM.DTC.028	Repl DT - DTC 500/630 kVA	NO	4880
BreakDown	N/A	DTC	BM.DTC.029	Repl DTC - DTC 950 kVA & above	NO	5490
BreakDown	N/A	DTC	PM.TRREP.0190	Trans.Charg. for repl. DTC 11kV,10kVA	No	1442
BreakDown	N/A	DTC	PM.TRREP.0191	Trans.Charg. for repl. DTC 11kV,16kVA	No	1513
BreakDown	N/A	DTC	PM.TRREP.0192	Trans.Charg. for repl. DTC 11kV,25kVA	No	1724
BreakDown	N/A	DTC	PM.TRREP.0193	Trans.Charg. for repl. DTC 11kV,63kVA	No	3155
BreakDown	N/A	DTC	PM.TRREP.0194	Trans.Charg. for repl. DTC 11kV,100kVA	No	4127
BreakDown	N/A	DTC	PM.TRREP.0195	Trans.Charg. for repl. DTC 11kV,200kVA	No	4762
BreakDown	N/A	DTC	PM.TRREP.0196	Trans.Charg. for repl. DTC 11kV,315kVA	No	5364
BreakDown	N/A	DTC	PM.TRREP.0197	Trans.Charg. for repl. DTC 11kV,630kVA	No	7642
BreakDown	N/A	DTC	PM.TRREP.0198	Trans.Charg. for repl. DTC 11kV,995kVA	No	10609
BreakDown	N/A	DTC	PM.TRREP.0199	Trans.Charg. for repl. DTC 22kV,25kVA	No	2774
BreakDown	N/A	DTC	PM.TRREP.0200	Trans.Charg. for repl. DTC 22kV,63kVA	No	5540
BreakDown	N/A	DTC	PM.TRREP.0201	Trans.Charg. for repl. DTC 22kV,100kVA	No	7407
BreakDown	N/A	DTC	PM.TRREP.0202	Trans.Charg. for repl. DTC 22kV,200kVA	No	7479
BreakDown	N/A	DTC	PM.TRREP.0203	Trans.Charg. for repl. DTC 22kV,315kVA	No	7686
BreakDown	N/A	DTC	PM.TRREP.0204	Trans.Charg. for repl. DTC 22kV,630kVA	No	8395
BreakDown	N/A	DTC	PM.TRREP.0205	Trans.Charg. for repl. DTC 11kV,500kVA	No	6100
BreakDown	N/A	DTC	PM.TRREP.0206	Trans.Charg. for repl. DTC 22kV,500kVA	No	7930
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.001	Repl / Repair of snapped conductor	SET	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.002	Repl of faulty jumper	NO	183

BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.003	Repl of faulty disc insulator	NO	488
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.004	Repl of faulty pin insulator	NO	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.005	Repl RSJ pole incl digging & concreting	NO	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.006	Repl PSC pole incl digging & concreting	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.007	Trimming Tree Branches fallen HT lines	LS	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.008	Repl of tilted/damaged Cross Arm/Channel	No	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.009	Repl of tilted / damaged Top clip	No	122
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.010	Repl RSJ pole 152x152 upto 13 Mt @Cutpnt	No	1830
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.011	Repl RSJ pole 152x152 upto 11 mt @Cutpnt	No	1830
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.012	Repl RSJ pole 100x116 upto 11 Mt @Cutpnt	No	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.013	Repl RSJ pole 100x116 upto 13 mt @Cutpnt	No	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.014	Repl RSJ pole 100x116 upto 10 mt @Cutpnt	No	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.015	Repl RSJ pole 175x85 upto 10 mt @Cutpnt	No	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.016	Concreting & muffing of RSJ poles 1:4:8	EA	1830
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.017	Repl RSJ pole 152x152 upto 13 Mt @ Susp	No	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.018	Repl RSJ pole 152x152 upto 11 mt @ Susp	No	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.019	Repl RSJ pole 100x116 upto 11 Mt @ Susp	No	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.020	Repl RSJ pole 100x116 upto 13 mt @ Susp	No	1068
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.021	Repl RSJ pole 100x116 upto 9 mt @ Susp	No	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.022	Repl RSJ pole 175x85 upto 10 mt @ Susp	No	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.OH.023	Concreting & muffing of PSC poles 1:4:8	EA	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.001	Detect HT cable fault & pressure test	No	5490
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.002	High Pressure Test	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.003	Excavation of road Kattcha / Murrum Road	Rmt	67
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.004	Excavation of road Asphalt Surface	Rmt	98
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.005	Excavation of road Cement Concrete	Rmt	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.006	Laying cables in trench, refill with soil	LS	153
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.007	Fixing of end terminations	Rmt	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.008	Fixing of straight through joints	NO	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.009	Repair HT pillar door/hinges/patching	No	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.010	Repl of HT feeder pillar incl transport	No	1830
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.011	Cleaning & overhauling of HT RMU	No	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.012	Repl of HT RMU	No	4270
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT.UG.013	Excavation of road Pavour Block	Rmt	146
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.001	Repl / Repair of snapped conductor	SET	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.002	Repl of faulty jumper	NO	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.003	Repl of faulty disc insulator	NO	488
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.004	Repl of faulty pin insulator	NO	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.005	Repl RSJ pole incl digging & concreting	NO	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.006	Repl PSC pole incl digging & concreting	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.007	Trimming Tree Branches fallen HT lines	LS	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.008	Repl of tilted/damaged Cross Arm/Channel	NO	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.009	Repl of tilted / damaged Top clip	NO	122
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.010	G.O.D maintenance with gel & tightening of all nut bolts & G.O.D operating	NO	2196
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.011	Providing & Fixing copper mesh (Weni) for G.O.D	NO	1586
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.012	Supply & Crimping of palm size 80x40 mm (2 hole) upto 0.1	NO	927
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.OH.013	Supply & Crimping of T connectors size 80x40mm up to 0.1	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.001	Detect HT cable fault & pressure test	NO	5490
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.002	High Pressure Test	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.003	Excavation of road Kattcha / Murrum Road	RMT	67
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.004	Excavation of road Asphalt Surface	RMT	98
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.005	Excavation of road Cement Concrete	RMT	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.006	Laying cables in trench, refill with soil	LS	153

BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.007	Fixing of end terminations	RMT	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.008	Fixing of straight through joints	NO	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.009	Repair HT pillar door/hinges/patching	NO	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.010	Repl of HT feeder pillar incl transport	NO	1830
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.011	Cleaning & overhauling of HT RMU	NO	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.012	Repl of HT RMU	NO	4270
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.013	RI CHARGES Bitumen Road	RMT	2067
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.014	RI CHARGES Cement Concrete surface	RMT	3311
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.015	RI CHARGES Pavour Block	RMT	2250
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.016	Dismantaling & cleaning fuse chamber,insulating sheets for carbon,,refixing with fixing arrangement	NO	318
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.017	Providing and fixing fuse holder arrangement with necessary fabrication	NO	373
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.018	Cleaning the stud, bus bars, lugs, insulators , insulating arm , with CTC/cleaning solvent for removingcarbon for isolator /osf	NO	375
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT11KV.UG.019	Fixing single 11kv insulator on M.S. frame with fabrication	NO	117
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.001	Repl / Repair of snapped conductor	SET	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.002	Repl of faulty jumper	NO	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.003	Repl of faulty disc insulator	NO	488
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.004	Repl of faulty pin insulator	NO	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.005	Repl RSJ pole incl digging & concreting	NO	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.006	Repl PSC pole incl digging & concreting	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.007	Trimming Tree Branches fallen HT lines	LS	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.008	Repl of tilted/damaged Cross Arm/Channel	NO	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.009	Repl of tilted / damaged Top clip	NO	122
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.010	Tower line - Tree cutting	M2	4
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.011	Tower Line-Replacement of Turn Buckle & Stay Wire	AU	1373
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.012	Tower Line-Erection (Grouting) of Stay Rod	AU	458
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.013	Tower Line-Providing complete Earthing to Tower	AU	3050
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.014	Tower Line-Providing Earthing to HT Pole	AU	1525
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.015	Tower Line-Providing and Fixing Jumpers with Loop connectors for all conductor size	NO	1678
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.016	Tower Line-Providing & Fixing of Aluminium T-Connector above ACSR of 0.075	FT2	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.017	Tower Line-Providing & Fixing of Aluminium T-Connector upto ACSR of 0.075	FT2	927
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.018	Tower Line-Providing Dead Ends 0.2 ACSR/ AAAC/ Copper at tower location	NO	6863
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.019	Tower Line-Providing Dead Ends 0.2 ACSR/ AAAC/ Copper at DP/Pole location	NO	6100
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.020	Tower Line-Providing Dead Ends 0.1 ACSR/ AAAC/ Copper at tower location	NO	6100
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.021	Tower Line-Providing Dead Ends 0.1 ACSR/ AAAC/ Copper at DP/Pole location	NO	4575
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.022	Tower Line-Providing Mid Span Joints 0.2ACSR/AAAC/Copper tower to tower	NO	6863
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.023	Tower Line-Providing Mid Span Joints 0.2ACSR/AAAC/Copper tower to DP/SP	NO	6100
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.024	Tower Line-Providing Mid Span Joints 0.1ACSR/AAAC/Copper tower to tower	NO	6863
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.025	Tower Line-Providing Mid Span Joints 0.1ACSR/AAAC/Copper tower to DP/SP	NO	6100
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.026	Tower Line-Replacement of conductor 0.2ACSR/AAAC/Copper tower to tower	NO	8388

BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.027	Tower Line-Replacement of conductor 0.2ACSR/AAAC/Copper tower to DP/SP	NO	4575
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.028	Tower Line-Replacement of conductor 0.1ACSR/AAAC/Copper tower to tower	NO	8388
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.029	Tower Line-Replacement of conductor 0.1ACSR/AAAC/Copper tower to DP/SP	NO	3050
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.030	Tower Line-Replacement of Disc Insulators at suspension location of tower for all size cond	NO	3050
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.031	Tower Line-Replacement of Disc Insulators at suspension location of DP/Pole for all size cond	NO	2288
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.032	Tower Line-Replacement of Disc Insulators at Cut Point of Tower 0.2ACSR/AAAC/Copper	NO	3660
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.033	Tower Line-Replacement of Disc Insulators at Cut Point of Tower 0.1ACSR/AAAC/Copper	NO	2288
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.034	Tower Line-Replacement of Disc Insulators at Cut Point at DP/Pole for all type ACSR/AAAC/Copper	NO	2288
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.035	Tower Line-Removing of Old Conductor tower to tower	NO	2135
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.036	Tower Line-Removing of old conductor tower to DP/Pole	NO	2135
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.037	G.O.D maintenance with gel & tightening of all nut bolts & G.O.D operating	NO	2196
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.038	Providing & Fixing copper mesh (Weni) for G.O.D	NO	1586
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.039	Supply & Crimping of palm size 80x40 mm (2 hole) upto 0.1	NO	927
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.OH.040	Supply & Crimping of T connectors size 80x40mm up to 0.1	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.001	Detect HT cable fault & pressure test	NO	5490
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.002	High Pressure Test	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.003	Excavation of road Kattcha / Murrum Road	RMT	67
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.004	Excavation of road Asphalt Surface	RMT	98
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.005	Excavation of road Cement Concrete	RMT	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.006	Laying cables in trench, refill with soil	LS	153
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.007	Fixing of end terminations	RMT	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.008	Fixing of straight through joints	NO	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.009	Repair HT pillar door/hinges/patching	NO	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.010	Repl of HT feeder pillar incl transport	NO	1830
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.011	Cleaning & overhauling of HT RMU	NO	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.012	Repl of HT RMU	NO	4270
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.013	RI CHARGES Bitumen Road	RMT	2067
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.014	RI CHARGES Cement Concrete surface	RMT	3311
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.015	RI CHARGES Pavour Block	RMT	2250
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.016	Fixing single 22kv insulator on M.S. frame with fabrication	NO	218
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.017	Dismantling & cleaning fuse chamber, insulating sheets for carbon,,refixing with fixing arrangement	NO	318
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.018	Providing and fixing fuse holder arrangement with necessary fabrication	NO	373
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT22KV.UG.019	Cleaning the stud, bus bars, lugs, insulators , insulating arm , with CTC/cleaning solvent for removing carbon for isolator /osf	NO	375
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.001	Repl / Repair of snapped conductor	SET	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.002	Repl of faulty jumper	NO	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.003	Repl of faulty disc insulator	NO	488
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.004	Repl of faulty pin insulator	NO	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.005	Repl RSJ pole incl digging & concreting	NO	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.006	Repl PSC pole incl digging & concreting	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.007	Trimming Tree Branches fallen HT lines	LS	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.008	Repl of tilted/damaged Cross Arm/Channel	NO	366
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.009	Repl of tilted / damaged Top clip	NO	122

BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.010	Supply & Crimping of palm size 80x40 mm (2 hole) upto 0.1	NO	927
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.OH.011	Supply & Crimping of T connectors size 80x40mm up to 0.1	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.001	Detect HT cable fault & pressure test	NO	5490
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.002	High Pressure Test	NO	1220
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.003	Excavation of road Kattcha / Murrum Road	RMT	67
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.004	Excavation of road Asphalt Surface	RMT	98
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.005	Excavation of road Cement Concrete	RMT	183
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.006	Laying cables in trench, refill with soil	LS	153
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.007	Fixing of end terminations	RMT	1464
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.008	Fixing of straight through joints	NO	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.009	Repair HT pillar door/hinges/patching	NO	610
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.010	Repl of HT feeder pillar incl transport	NO	1830
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.011	Cleaning & overhauling of HT RMU	NO	2440
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.012	Repl of HT RMU	NO	4270
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.013	RI CHARGES Bitumen Road	RMT	2067
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.014	RI CHARGES Cement Concrete surface	RMT	3311
BreakDown	N/A	HT Overhead Line and Underground Cable	BM.HT33KV.UG.015	RI CHARGES Pavour Block	RMT	2250
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.001	Trimming of tree branches fall on lines	LS	122
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.002	Repair / replace of snapped conductor	LS	122
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.003	Replacement of damaged shackle insulator	NO	31
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.004	Repl of RSJ Pole 100*116mm upto 9mtr	NO	1220
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.005	Repl of RSJ Pole 125*70mm upto 9mtr	NO	1098
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.006	Replacement of faulty jumper	NO	61
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.007	Replacement of damaged earthing	No	122
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.008	Replacement of damaged guarding	LS	244
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.009	Repair/Repl of fabrication (2pin/4pin)	No	122
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.010	Concret & muffing of RSJ LT poles 1:4:8	EA	1220
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.011	Repl of PSC pole incl removal exst line	NO	1464
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.OH.012	Concret & muffing of PSC LT poles 1:4:8	EA	1220
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.001	Detection LT cable fault & pin pointing	No	1830
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.003	Exction cable fault Kattcha/Murrum Road	Rmt	61
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.004	Excavation cable fault Asphalt Surface	Rmt	85
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.005	cable fault Cement Concrete surface	Rmt	159
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.007	Laying of cables Upto 95 sqmm	Rmt	31
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.008	Laying of cables Above 95sqmm to 120sqmm	Rmt	43
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.009	Providing of joints of various sizes	No	305
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.010	Providing of end terminations (Lugs)	EA	92
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.011	Replacement of damaged HRC Base	No	92
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.012	Repair/replace damaged Bus Bar/Z-patti	No	92
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.014	Laying of cables Above 120sqmm	Rmt	61
BreakDown	N/A	LT Overhead Line and Underground Cable	BM.LT.UG.015	Draining the oil for repairs of OSF/ISOLATOR and again top up the oil[company oil]	NO	284
BreakDown	N/A	SUBSTATION	BM.SS.001	Replacement of damaged earthing	EA	12200
BreakDown	N/A	SUBSTATION	BM.SS.002	Replacement of faulty end terminations	No	1464
BreakDown	N/A	SUBSTATION	BM.SS.003	Replacement of AB Switch	No	1830
BreakDown	N/A	SUBSTATION	BM.SS.004	Replacement of damaged Isolator	No	1220
BreakDown	N/A	SUBSTATION	BM.SS.005	Repl of damaged insulators & Bushings	No	366
BreakDown	N/A	SUBSTATION	BM.SS.006	Repair/repl of Battery charger / Set	No	1220
BreakDown	N/A	SUBSTATION	BM.SS.007	Repair of damaged coil/spring chr & motor	No	610
BreakDown	N/A	SUBSTATION	BM.SS.008	Replacement of damaged Breaker	No	3660
BreakDown	N/A	SUBSTATION	BM.SS.009	Repl/repair Statn type Lighting Arrestor	No	1220
BreakDown	N/A	SUBSTATION	BM.SS.010	Repl/repair Line type Lighting Arrestor	No	366
BreakDown	N/A	SUBSTATION	BM.SS.011	Replacement of damaged CT / PT	No	1220
BreakDown	N/A	SUBSTATION	BM.SS.012	Cleaning & checking of Breakers & RMU	No	3660

BreakDown	N/A	SUBSTATION	BM.SS.013	Repl of Pole of any type of breaker	EA	3660
Preventive	A	DTC	PM.DTC.001	Preventive Maintenance DTC A	NO	1281
Preventive	A	HT Overhead Line and Underground Cable	PM.HT.OH.001	A Activity for HT overhead Line	KM	1129
Preventive	A	HT Overhead Line and Underground Cable	PM.HT.UG.001	A Activity for HT UG Line	KM	671
Preventive	A	HT Overhead Line and Underground Cable	PM.HT11KV.OH.001	Schedule A Activity for HT overhead Line	KM	1129
Preventive	A	HT Overhead Line and Underground Cable	PM.HT11KV.UG.001	Schedule A Activity for HT UG Line	KM	671
Preventive	A	HT Overhead Line and Underground Cable	PM.HT22KV.OH.001	Schedule A Activity for HT overhead Line	KM	1129
Preventive	A	HT Overhead Line and Underground Cable	PM.HT22KV.OH.056	Tower line - Tree cutting	M2	4
Preventive	A	HT Overhead Line and Underground Cable	PM.HT22KV.UG.001	Schedule A Activity for HT UG Line	KM	671
Preventive	A	HT Overhead Line and Underground Cable	PM.HT33KV.OH.001	Schedule A Activity for HT overhead Line	KM	1129
Preventive	A	HT Overhead Line and Underground Cable	PM.HT33KV.UG.001	Schedule A Activity for HT UG Line	KM	671
Preventive	A	LT Overhead Line and Underground Cable	PM.LT.OH.001	LT OVERHEAD LINE A ACTIVITY	LS	1403
Preventive	A	LT Overhead Line and Underground Cable	PM.LT.UG.001	LT UNDERGROUND LINE A ACTIVITY	KM	366
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	DTC	PM.DTC.002	Repl. HT JUMPER (UPTO 315KVA) AT O/D DTC	EA	122
Preventive	B	DTC	PM.DTC.003	Repl damedg Dist Box (Upto 315 KVA)	NO	1464
Preventive	B	DTC	PM.DTC.004	Repl LT Termination at DTC (Upto 315KVA)	EA	122
Preventive	B	DTC	PM.DTC.005	Repl of HT term at DTC (ABOVE 315KVA)	EA	1464
Preventive	B	DTC	PM.DTC.006	Repl of LT term at DTC (ABOVE 315KVA)	EA	122
Preventive	B	DTC	PM.DTC.018	Painting of poles of DP with fixtures by Red oxide & Aluminium paint supplied by contractor	EA	177
Preventive	B	DTC	PM.DTC.019	Painting of poles of DP Fixtures with black bituminous paint upto 6' ht with paint supplied by contractor	EA	67
Preventive	B	DTC	PM.DTC.020	LT side stud rubber washer complete suitable for T/F upto 100 kVA (12 mm dia)	NO	23
Preventive	B	DTC	PM.DTC.021	LT side stud rubber washer complete suitable for T/F Above 100 kVA to 315 kVA	NO	35
Preventive	B	DTC	PM.DTC.022	LT side stud rubber washer complete suitable for T/F Above 315 kVA to 630 kVA	NO	48
Preventive	B	DTC	PM.DTC.023	11 kV HT side stud rubber washer with o ring set complete	NO	18
Preventive	B	DTC	PM.DTC.024	22 kV HT side stud rubber washer with o ring set complete	NO	18
Preventive	B	DTC	PM.DTC.025	Supply and Fixing of Brass Nut 12 mm dia	NO	37
Preventive	B	DTC	PM.DTC.026	Supply and Fixing of Brass Nut 20 mm dia	NO	61
Preventive	B	DTC	PM.DTC.027	Supply and Fixing of Brass Nut 30 mm dia	NO	85
Preventive	B	DTC	PM.DTC.031	Fixing Al. strips of rated capacity at Tr bushing /extension of strip with necessary fabrication and insulation upto 315 kVA	NO	318
Preventive	B	DTC	PM.DTC.032	Fixing Al. strips of rated capacity at Tr bushing /extension of strip with necessary fabrication and insulation above 315 kVA	NO	784
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.OH.002	Providing carpet guarding with 8 SWG	LS	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.OH.003	Fix of Y cross/fiber glass str cross arm	EA	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.OH.004	Repl of damage/deteriorated Channels	EA	153
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.OH.005	Repl of damaged / deteriorated Top Clip	EA	61
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.OH.006	Provide Jumper with Wedge/Loop connector	EA	31
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.OH.007	HT stay sets incl con 1:4:8 ratio - 0.3	EA	1586
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.OH.008	HT stay sets, re-fixing & bind, labour	EA	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.002	Reearthing less Resistance at HTP, RMU	No	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.003	Repair of open/damaged Door / Hinges	No	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.004	Chking & cleaning of HT Feder Pil & RMU	No	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.005	repair crack/damage Foundation HTP, RMU	No	3660
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.006	Repl Outdoor/Indoor End Termination	No	1464

Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.007	Excavation & refilling the cable trench	M	610
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.008	Check & refill of Gas pressure in RMU	KG	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT.UG.009	Fix boots on end termination in HTP/RMU	Set	915
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.OH.002	Providing carpet guarding	LS	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.OH.003	Fixing HT stay sets including concreting	EA	67
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.OH.004	Repl of damage/deteriorated V cross arm	EA	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.OH.005	Repl of damaged / deteriorated Channels	EA	153
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.OH.006	Repl of damaged / deteriorated Top Clip	EA	61
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.OH.007	Provide Jumper with Wedge/Loop connector	EA	31
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.OH.008	HT stay sets, re-fixing & bind, labour	EA	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.002	Reearthing less Resistance at HTP,RMU	NO	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.003	Repair of open/damaged Door / Hinges	NO	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.004	Checking & cleaning of HT FP & RMU	NO	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.005	repair crack/damage Foundation HTP,RMU	NO	3660
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.006	Repl Outdoor/Indoor End Termination	NO	1464
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.007	Excavation & refilling the cable trench	M	610
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.008	Check & refill of Gas pressure in RMU	KG	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.009	Fix boots on end termination in HTP/RMU	SET	915
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.017	Providing, fixing AI drop / lock with necessary fabrication for osf / isolator	NO	89
Preventive	B	HT Overhead Line and Underground Cable	PM.HT11KV.UG.018	Making cable sealing arrangement in HT fp/os /osf using GI sheet with fabrication	NO	306
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.002	Providing carpet guarding	LS	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.003	Fixing HT stay sets including concreting	EA	67
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.004	Repl of damage/deteriorated V cross arm	EA	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.005	Repl of damaged / deteriorated Channels	EA	153
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.006	Repl of damaged / deteriorated Top Clip	EA	61
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.007	Provide Jumper with Wedge/Loop connector	EA	31
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.008	HT stay sets, re-fixing & bind, labour	EA	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.057	Tower Line-Replacement of Turn Buckle & Stay Wire	AU	1373
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.058	Tower Line-Erection (Grouting) of Stay Rod	AU	458
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.059	Tower Line-Providing complete Earthing to Tower	AU	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.060	Tower Line-Providing Earthing to HT Pole	AU	1525
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.061	Tower Line-Providing and Fixing Jumpers with Loop connectors for all conductor size	NO	1678
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.062	Tower Line-Providing & Fixing of Aluminium T-Connector above ACSR of 0.075	FT2	1220
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.OH.063	Tower Line-Providing & Fixing of Aluminium T-Connector upto ACSR of 0.075	FT2	927
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.002	Reearthing less Resistance at HTP,RMU	NO	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.003	Repair of open/damaged Door / Hinges	NO	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.004	Checking & cleaning of HT FP & RMU	NO	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.005	repair crack/damage Foundation HTP,RMU	NO	3660
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.006	Repl Outdoor/Indoor End Termination	NO	1464
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.007	Excavation & refilling the cable trench	M	610
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.008	Check & refill of Gas pressure in RMU	KG	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.009	Fix boots on end termination in HTP/RMU	SET	915
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.017	Providing, fixing AI drop / lock with necessary fabrication for osf / isolator	NO	89
Preventive	B	HT Overhead Line and Underground Cable	PM.HT22KV.UG.018	Making cable sealing arrangement in HT fp/os /osf using GI sheet with fabrication	NO	306
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.OH.002	Providing carpet guarding	LS	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.OH.003	Fixing HT stay sets including concreting	EA	67
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.OH.004	Repl of damage/deteriorated V cross arm	EA	122

Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.OH.005	Repl of damaged / deteriorated Channels	EA	153
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.OH.006	Repl of damaged / deteriorated Top Clip	EA	61
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.OH.007	Provide Jumper with Wedge/Loop connector	EA	31
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.OH.008	HT stay sets, re-fixing & bind, labour	EA	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.002	Reearthing less Resistance at HTP, RMU	NO	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.003	Repair of open/damaged Door / Hinges	NO	366
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.004	Checking & cleaning of HT FP & RMU	NO	122
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.005	repair crack/damage Foundation HTP, RMU	NO	3660
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.006	Repl Outdoor/Indoor End Termination	NO	1464
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.007	Excavation & refilling the cable trench	M	610
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.008	Check & refill of Gas pressure in RMU	KG	3050
Preventive	B	HT Overhead Line and Underground Cable	PM.HT33KV.UG.009	Fix boots on end termination in HTP/RMU	SET	915
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.013	Repair & Repl of damaged fabrications	No	122
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.014	Labour charges Providing guarding	set	244
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.015	Muffing of poles in 1:2:4 with 60cm dia.	No	549
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.016	Provide loop type Guarding bothend span	No	122
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.017	providing LT spacers(at 3 places)	set	73
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.018	Providing and fixing of stay set	set	2013
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.019	Providing and fixing of LT earthing	NO	244
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.022	Painting of RSJ Poles & Fixtures by red oxide paint (Paint supplied by Agency)	NO	153
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.023	Painting of RSJ Poles & fixtures by Aluminium paint over red oxide (Paint supplied by Agency)	NO	214
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.024	Painting of RSJ Poles & Fixtures by Black Bituminous Paint (paint supplied by Agency)	NO	43
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.OH.028	Fixing Al.busbar of 630A for single circuit of 3 Phase with fabrication at Feeder Pillar	NO	528
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.006	Reinsulating of UG cables by LT Tape	No	122
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.008	LT joints For 50 /70/95/120 sqmm	No	214
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.009	LT joints For 185/240/300 sqmm	No	336
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.010	Burring of UG cables lying on surface	Rmt	122
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.011	Repl of loose / damaged/burnt UG cable lugs	No	61
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.012	Repl of HRC Fus Base, BusBar/Z Patti	No	92
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.022	Fixing with necessary fabrication & painting MS Sheet for LT Feeder Pillar	FT2	177
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.023	Fixing with necessary fabrication & painting Hinges for LT Feeder Pillar	NO	104
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.024	Fixing with necessary fabrication & painting Aldrop for LT Feeder Pillar	NO	73
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.025	Fixing new Earthing with GI pipe GI wire with necessary salt and charcoal for LT Feeder Pillar	NO	146
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.026	Providing & Fixing of single fuse base / MCCB/ on MS Angle frame with necessary fabrication having capacity 100 Amp	NO	110
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.027	Providing & Fixing of single fuse base / MCCB/ on MS Angle frame with necessary fabrication having capacity 250 Amp	NO	122
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.028	Providing & Fixing of single fuse base / MCCB/ on MS Angle frame with necessary fabrication having capacity 400 Amp	NO	244
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.029	Providing & Fixing of single fuse base / MCCB/ on MS Angle frame with necessary fabrication having capacity 630 Amp	NO	671
Preventive	B	LT Overhead Line and Underground Cable	PM.LT.UG.030	Providing & Fixing of single fuse base / MCCB/ on MS Angle frame with necessary fabrication having capacity 100 Amp MCCB without box	NO	488
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	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	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	DTC	PM.DTC.007	DTC Fencing Fibre material	No	2440
Preventive	C	DTC	PM.DTC.008	Repl of Silica Gel in Breather 100 gm	Set	244
Preventive	C	DTC	PM.DTC.009	Repl Silica Gel in Breather 100 - 250 gm	Set	366
Preventive	C	DTC	PM.DTC.010	Repl Silica Gel in Breather 300 - 500 gm	Set	488
Preventive	C	DTC	PM.DTC.011	Repl of 3.5 LT cables btwn LV side to DB per PH	NO	122
Preventive	C	DTC	PM.DTC.012	Replacement of gasket of top cover	NO	610
Preventive	C	DTC	PM.DTC.013	Repl 3.5C cable by 1core LV side DTC-FP	EA	915
Preventive	C	DTC	PM.DTC.014	Dig & Provide 6no of EarthPIT & Earthing	EA	3050
Preventive	C	DTC	PM.DTC.028	Replacement of oil level indicator glass of conservator tank with gasket and painting background screen with white paint for indication complete for any job upto 630 KVA	EA	427
Preventive	C	DTC	PM.DTC.029	Filtration of oil at site	L	4
Preventive	C	DTC	PM.DTC.030	Exterior cleaning & painting of transformer of various capacities with two coats of grey paint	EA	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.009	Repl RSJ pole 152x152 upto 13 Mt @Cutpnt	No	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.010	Repl RSJ pole 152x152 upto 11 mt @Cutpnt	No	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.011	Repl RSJ pole 100x116 upto 11 Mt @Cutpnt	No	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.012	Repl RSJ pole 100x116 upto 13 mt @Cutpnt	No	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.013	Repl RSJ pole 100x116 upto 10 mt @Cutpnt	No	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.014	Repl RSJ pole 175x85 upto 10 mt @Cutpnt	No	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.015	Concreting & muffing of RSJ poles	EA	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.016	Repl RSJ pole 152x152 upto 13 Mt @ Susp	No	1464

Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.017	Repl RSJ pole 152x152 upto 11 mt @ Susp	No	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.018	Repl RSJ pole 100x116 upto 11 Mt @ Susp	No	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.019	Repl RSJ pole 100x116 upto 13 mt @ Susp	No	1068
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.020	Repl RSJ pole 100x116 upto 9 mt @ Susp	No	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.021	Repl RSJ pole 175x85 upto 10 mt @ Susp	No	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.022	Repl of PSC pole at cut/ternsion point	No	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.023	Repl of PSC pole at Suspension/pin point	No	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.024	Concreting & muffing of PSC poles	EA	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.026	Straightening Tilted pole PSC Pole 9 mtr	EA	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.027	Straightening of Tilted pole RSJ Pole	EA	305
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.028	Repl DP struct RSJ pole 100x116mm 11 mtr	No	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.029	Repl DP struct RSJ pole 152 x152mm 11mtr	No	3660
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.030	Repl DP structure on PSC pole 9 Mtr long	No	2928
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.031	Providing Muffing to poles in 1:2:4 60CM	No	549
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.032	Fixing 33/22 /11 KV pin insul with pins	No	61
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.033	Fixing of DO/Horn gap set incl accessory	Set	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.034	stringing 3HT cond 0.1 to 0.2 ACSR/AAAC	EA	976
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.035	stringing 3HTcond 0.06upto 0.1 ACSR/AAAC	EA	732
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.036	stringing 3HT cond below 0.06 ACSR/AAAC	EA	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.037	Rem & credit 150*150mm 13mtr HT pole	No	1098
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.038	Remove & credit HT line 3 cond at store	EA	275
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.039	Fix cross bracing set to 10 <sub>z</sub> center DP	Set	458
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.040	Fix cross bracing set to 8 <sub>z</sub> center DP	Set	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.041	Fix cross bracing set to 5 <sub>z</sub> center DP	Set	207
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.042	Earth of HT poles 25*3mm GI flat 7' long	No	641
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.043	Inst of AB switches (alignment,jumper)	Set	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.044	Restrung loose span cond below 0.06 ACSR	SET	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.045	Restrung loose span cond 0.06 ACSR & abv	SET	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.046	Repalcement of damaged Disc Insulator	SET	336
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.047	Rem & credit 152*152mm 13mtr HT pole	No	1098
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.048	Rem & credit 100*116mm 11mtr HT pole	No	732
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.OH.049	Rem & credit 175*85mm 10mtr HT pole	No	732
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.UG.010	Repl conventional cable end termination	No	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.UG.011	Repl HT Meter cubicle 11/22/33 kV	No	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.UG.012	Repl CT,PT inside cubicle resin cast CT	EA	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.UG.013	Repl CT,PT inside cubicle resin cast PT	EA	915
Preventive	C	HT Overhead Line and Underground Cable	PM.HT.UG.014	Replacement of HT feeder pillar	No	5490
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.009	Repl RSJ pole 152x152 upto 13 Mt @Cutpnt	NO	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.010	Repl RSJ pole 152x152 upto 11 mt @Cutpnt	NO	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.011	Repl RSJ pole 100x116 upto 11 Mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.012	Repl RSJ pole 100x116 upto 13 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.013	Repl RSJ pole 100x116 upto 10 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.014	Repl RSJ pole 175x85 upto 10 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.015	Concreting & muffing of RSJ poles	EA	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.016	Repl RSJ pole 152x152 upto 13 Mt @ Susp	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.017	Repl RSJ pole 152x152 upto 11 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.018	Repl RSJ pole 100x116 upto 11 Mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.019	Repl RSJ pole 100x116 upto 13 mt @ Susp	NO	1068
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.020	Repl RSJ pole 100x116 upto 10 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.021	Repl RSJ pole 175x85 upto 10 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.022	Repl of PSC pole at cut/ternsion point	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.023	Repl of PSC pole at Suspension/pin point	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.024	Concreting & muffing of PSC poles	EA	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.026	Straightening Tilted pole PSC Pole 9 mtr	EA	366

Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.027	Straightening of Tilted pole RSJ Pole	EA	305
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.028	Repl DP struct RSJ pole 100x116mm 11 mtr	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.029	Repl DP struct RSJ pole 152 x152mm 11mtr	NO	3660
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.030	Repl DP structure on PSC pole 9 Mtr long	NO	2928
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.031	Providing Muffing to poles in 1:2:4	NO	549
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.032	Fixing 33/22 /11 KV pin insul with pins	NO	61
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.033	Fixing of DO/Horn gap set incl accessory	SET	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.034	stringing 3HT cond 0.06 to 0.1 ACSR/AAAC	EA	976
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.035	stringing 3HT cond below 0.06 ACSR/AAAC	EA	732
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.036	stringing 3HT cond 0.1 to 0.2 ACSR/AAAC	EA	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.037	Remove & credit HT pole at MSEDCL store	NO	1098
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.038	Remove,credit HT line conductor at store	EA	275
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.039	Fix cross bracing set to 10 <sub>z</sub> center DP	SET	458
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.040	Fix cross bracing set to 8 <sub>z</sub> center DP	SET	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.041	Fix cross bracing set to 5 <sub>z</sub> center DP	SET	207
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.042	Earth of HT poles	NO	641
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.043	Inst of AB switches (alignment,jumper)	SET	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.044	Restrung loose span cond below 0.06 ACSR	SET	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.045	Restrung loose span cond 0.06 ACSR & abv	SET	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.OH.046	Repalcement of damaged Disc Insulator	SET	336
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.010	Repl conventional cable end termination	NO	976
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.011	Repl HT Meter cubicle 11/22/33 kV	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.012	Repl CT,PT inside cubicle resin cast CT	EA	915
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.013	Repl CT,PT inside cubicle resin cast PT	EA	915
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.014	Replacement of HT feeder pillar	NO	5490
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.015	Dismantling the osf / isolator for repairing /reconditioning by disconnecting cables with marking	NO	344
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.016	Providing, fixing Ms sheet with necessary fabrication for repairing osf / isolator	FT2	115
Preventive	C	HT Overhead Line and Underground Cable	PM.HT11KV.UG.019	Erection of osf/isolator on ms frame with necessary clamp	NO	681
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.009	Repl RSJ pole 152x152 upto 13 Mt @Cutpnt	NO	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.010	Repl RSJ pole 152x152 upto 11 mt @Cutpnt	NO	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.011	Repl RSJ pole 100x116 upto 11 Mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.012	Repl RSJ pole 100x116 upto 13 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.013	Repl RSJ pole 100x116 upto 10 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.014	Repl RSJ pole 175x85 upto 10 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.015	Concreting & muffing of RSJ poles	EA	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.016	Repl RSJ pole 152x152 upto 13 Mt @ Susp	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.017	Repl RSJ pole 152x152 upto 11 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.018	Repl RSJ pole 100x116 upto 11 Mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.019	Repl RSJ pole 100x116 upto 13 mt @ Susp	NO	1068
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.020	Repl RSJ pole 100x116 upto 10 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.021	Repl RSJ pole 175x85 upto 10 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.022	Repl of PSC pole at cut/ternsion point	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.023	Repl of PSC pole at Suspension/pin point	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.024	Concreting & muffing of PSC poles	EA	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.026	Straightening Tilted pole PSC Pole 9 mtr	EA	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.027	Straightening of Tilted pole RSJ Pole	EA	305
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.028	Repl DP struct RSJ pole 100x116mm 11 mtr	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.029	Repl DP struct RSJ pole 152 x152mm 11mtr	NO	3660
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.030	Repl DP structure on PSC pole 9 Mtr long	NO	2928
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.031	Providing Muffing to poles in 1:2:4	NO	549
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.032	Fixing 33/22 /11 KV pin insul with pins	NO	61
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.033	Fixing of DO/Horn gap set incl accessory	SET	610

Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.034	stringing 3HT cond 0.06 to 0.1 ACSR/AAAC	EA	976
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.035	stringing 3HT cond below 0.06 ACSR/AAAC	EA	732
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.036	stringing 3HT cond 0.1 to 0.2 ACSR/AAAC	EA	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.037	Remove & credit HT pole at MSEDCL store	NO	1098
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.038	Remove,credit HT line conductor at store	EA	275
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.039	Fix cross bracing set to 10 $\frac{1}{2}$ center DP	SET	458
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.040	Fix cross bracing set to 8 $\frac{1}{2}$ center DP	SET	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.041	Fix cross bracing set to 5 $\frac{1}{2}$ center DP	SET	207
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.042	Earth of HT poles	NO	641
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.043	Inst of AB switches (alignment,jumper)	SET	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.044	Restrung loose span cond below 0.06 ACSR	SET	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.045	Restrung loose span cond 0.06 ACSR & abv	SET	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.046	Replacement of damaged Disc Insulator	SET	336
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.064	Tower Line-Providing Dead Ends 0.2 ACSR/ AAAC/ Copper at tower location	NO	6863
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.065	Tower Line-Providing Dead Ends 0.2 ACSR/ AAAC/ Copper at DP/Pole location	NO	6100
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.066	Tower Line-Providing Dead Ends 0.1 ACSR/ AAAC/ Copper at tower location	NO	6100
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.067	Tower Line-Providing Dead Ends 0.1 ACSR/ AAAC/ Copper at DP/Pole location	NO	4575
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.068	Tower Line-Providing Mid Span Joints 0.2ACSR/AAAC/Copper tower to tower	NO	6863
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.069	Tower Line-Providing Mid Span Joints 0.2ACSR/AAAC/Copper tower to DP/SP	NO	6100
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.070	Tower Line-Providing Mid Span Joints 0.1ACSR/AAAC/Copper tower to tower	NO	6863
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.071	Tower Line-Providing Mid Span Joints 0.1ACSR/AAAC/Copper tower to DP/SP	NO	6100
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.072	Tower Line-Replacement of conductor 0.2ACSR/AAAC/Copper tower to tower	NO	8388
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.073	Tower Line-Replacement of conductor 0.2ACSR/AAAC/Copper tower to DP/SP	NO	4575
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.074	Tower Line-Replacement of conductor 0.1ACSR/AAAC/Copper tower to tower	NO	8388
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.075	Tower Line-Replacement of conductor 0.1ACSR/AAAC/Copper tower to DP/SP	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.076	Tower Line-Replacement of Disc Insulators at suspension location of tower for all size cond	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.077	Tower Line-Replacement of Disc Insulators at suspension location of DP/Pole for all size cond	NO	2288
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.078	Tower Line-Replacement of Disc Insulators at Cut Point of Tower 0.2ACSR/AAAC/Copper	NO	3660
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.079	Tower Line-Replacement of Disc Insulators at Cut Point of Tower 0.1ACSR/AAAC/Copper	NO	2288
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.080	Tower Line-Replacement of Disc Insulators at Cut Point at DP/Pole for all type ACSR/AAAC/Copper	NO	2288
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.081	Tower Line-Removing of Old Conductor tower to tower	NO	2135
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.082	Tower Line-Removing of old conductor tower to DP/Pole	NO	2135
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.083	G.O.D maintenance with gel & tightening of all nut bolts & G.O.D operating	NO	2196
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.084	Providing & Fixing copper mesh (Weni) for G.O.D	NO	1586
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.085	Supply & Crimping of palm size 80x40 mm (2 hole) upto 0.1	NO	927
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.OH.086	Supply & Crimping of T connectors size 80x40mm up to 0.1	NO	1220

Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.010	Repl conventional cable end termination	NO	976
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.011	Repl HT Meter cubicle 11/22/33 kV	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.012	Repl CT,PT inside cubicle resin cast CT	EA	915
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.013	Repl CT,PT inside cubicle resin cast PT	EA	915
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.014	Replacement of HT feeder pillar	NO	5490
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.015	Dismantling the osf / isolator for repairing /reconditioning by disconnecting cables with marking	NO	344
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.016	Providing, fixing Ms sheet with necessary fabrication for repairing osf / isolator	FT2	115
Preventive	C	HT Overhead Line and Underground Cable	PM.HT22KV.UG.019	Erection of osf/isolator on ms frame with necessary clamp	NO	681
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.009	Repl RSJ pole 152x152 upto 13 Mt @Cutpnt	NO	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.010	Repl RSJ pole 152x152 upto 11 mt @Cutpnt	NO	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.011	Repl RSJ pole 100x116 upto 11 Mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.012	Repl RSJ pole 100x116 upto 13 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.013	Repl RSJ pole 100x116 upto 10 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.014	Repl RSJ pole 175x85 upto 10 mt @Cutpnt	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.015	Concreting & muffing of RSJ poles	EA	1830
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.016	Repl RSJ pole 152x152 upto 13 Mt @ Susp	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.017	Repl RSJ pole 152x152 upto 11 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.018	Repl RSJ pole 100x116 upto 11 Mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.019	Repl RSJ pole 100x116 upto 13 mt @ Susp	NO	1068
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.020	Repl RSJ pole 100x116 upto 10 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.021	Repl RSJ pole 175x85 upto 10 mt @ Susp	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.022	Repl of PSC pole at cut/ternsion point	NO	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.023	Repl of PSC pole at Suspension/pin point	NO	1220
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.024	Concreting & muffing of PSC poles	EA	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.026	Straightening Tilted pole PSC Pole 9 mtr	EA	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.027	Straightening of Tilted pole RSJ Pole	EA	305
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.028	Repl DP struct RSJ pole 100x116mm 11 mtr	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.029	Repl DP struct RSJ pole 152 x152mm 11mtr	NO	3660
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.030	Repl DP structure on PSC pole 9 Mtr long	NO	2928
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.031	Providing Muffing to poles in 1:2:4	NO	549
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.032	Fixing 33/22 /11 KV pin insul with pins	NO	61
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.033	Fixing of DO/Horn gap set incl accessory	SET	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.034	stringing 3HT cond 0.06 to 0.1 ACSR/AAAC	EA	976
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.035	stringing 3HT cond below 0.06 ACSR/AAAC	EA	732
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.036	stringing 3HT cond 0.1 to 0.2 ACSR/AAAC	EA	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.037	Remove & credit HT pole at MSEDCL store	NO	1098
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.038	Remove,credit HT line conductor at store	EA	275
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.039	Fix cross bracing set to 10 <sub>z</sub> center DP	SET	458
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.040	Fix cross bracing set to 8 <sub>z</sub> center DP	SET	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.041	Fix cross bracing set to 5 <sub>z</sub> center DP	SET	207
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.042	Earth of HT poles	NO	641
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.043	Inst of AB switches (alignment,jumper)	SET	1464
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.044	Restrung loose span cond below 0.06 ACSR	SET	366
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.045	Restrung loose span cond 0.06 ACSR & abv	SET	610
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.OH.046	Repalcement of damaged Disc Insulator	SET	336
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.UG.010	Repl conventional cable end termination	NO	976
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.UG.011	Repl HT Meter cubicle 11/22/33 kV	NO	3050
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.UG.012	Repl CT,PT inside cubicle resin cast CT	EA	915
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.UG.013	Repl CT,PT inside cubicle resin cast PT	EA	915
Preventive	C	HT Overhead Line and Underground Cable	PM.HT33KV.UG.014	Replacement of HT feeder pillar	NO	5490
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.002	Repl of RSJ 125 x 70 mm up to 8 Mtr.	No	1098
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.003	Repl. Of RSJ 175 x 85 mm up to 9 Mtr	No	1220

Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.004	Concret & muffing of RSJ LT poles 1:4:8	EA	1098
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.005	REPL of damaged PSC pole 8 MTR	EA	1098
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.006	Concret & muffing of PSC LT poles 1:4:8	EA	1098
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.007	1. Straighting of PSC Pole 8 mtr	EA	305
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.008	2. Straighting of RSJ Pole	EA	244
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.009	REPL of conductor 1ph 3wire	EA	183
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.010	REPL of conductor 3ph 4 wire	EA	305
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.011	REPL of conductor 3ph 5 wire	EA	427
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.025	Labour charges for erection of LT AB cable (3x120)	RMT	51
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.026	Labour charges for Erection of LT AB cable (3x70)	RMT	32
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.027	Labour charges for Erection of LT AB cable (3x50)	RMT	23
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.029	Providing of One Key lock for LT feeder pillar	NO	96
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.030	Replacement of doors using MS sheet along with fabrication for all feeder pillars	FT2	140
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.031	Providing and fixing of MS hinges to door of feeder pillar with welding	NO	92
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.OH.032	Replacement of top cover of feeder pillar along with fabrication	FT2	140
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.002	REPL of 1Ph Meter with term cover & seal	No	61
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.003	REPL of 3Ph Meter with term cover & seal	No	92
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.004	REPL CT Opert Meter (CT embedded meter)	EA	1830
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.005	Shifting 1Ph Meter & repl of old WPTC	No	183
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.013	Repl LT feeder Pillars-mini/2/3/4 way	No	1220
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.014	Repl of LT Feeder Pillar-6/8way	No	1830
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.015	Repl foundation of LT FP mini/2/3/4 way	No	1830
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.016	Repl foundation of LT FP 6/8way	No	2440
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.017	Repaint LT feeder pillars Mini/2/3/4way	No	976
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.018	Repaint LT feeder pillars 6 way,8 way	No	1220
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.019	Shifting 3Ph Meter incl repl & earthing	No	244
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.020	Shift of 3Ph Meter & REPL of old WPTC	No	366
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.021	Shifting of CT oper Meter with reading	EA	2440
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.031	Fixing extension for M.S.angle frame for lifting the fp/box at required working height from ground level or for fixing the ms sheet to the sides or top of the FP with necessary fabrication (Mini Pillar)	NO	594
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.032	Fixing extension for M.S.angle frame for lifting the fp/box at required working height from ground level or for fixing the ms sheet to the sides or top of the FP with necessary fabrication (4 Way)	NO	920
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.033	Fixing extension for M.S.angle frame for lifting the fp/box at required working height from ground level or for fixing the ms sheet to the sides or top of the FP with necessary fabrication (6Way)	NO	1218
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.034	Welding of existing open door of Feeder Pillar boxes including cost of welding rod & hinges of specification 4x4x1 mm thickness with painting of door	NO	110
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.035	Earthing with G.I .Pipe GI wire with necessary salt & charcoal	NO	146
Preventive	C	LT Overhead Line and Underground Cable	PM.LT.UG.036	Providing and fixing of horizontal $\delta$ L $\delta$ type locking arrangement to door of feeder pillar	NO	140
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 Lightening Arrestor	Set	366
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	Filteration 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	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

# LIST OF SERVICES

SR. NO.	SERVICE NAME	ACTIVITY NUMBER	UOM	SAC CODE	REQ. QTY	VERSION	MATERIAL TYPE
1	Cleanstud,busbar,insulatorCTCinOSF/I	BM.HT11KV.UG.018	Number	9954	1		null

## Required Documents (To be uploaded online)

Sr. No.	NAME	SECTION	ITEM	DESCRIPTION
1	As per Bid	Price Section	Cleanstud,busbar,	As per Bid
2	As per bid	Technical Section	Cleanstud,busbar,	As per Bid
3	As per bid	Commercial Section		As per Bid