

# **M.P.MADHYA KSHETRA VIDYUT VITARAN CO.LTD. (Govt. of M.P. Undertaking)**

## **Guna**



**TENDER SPECIFICATION NO. GM/O&M/Guna/PUR/26-27/01  
Dated 13-05-2026  
(DUE FOR OPENING ON 29-05-2026)**

**FOR**

**“Rate Contract for Supply Local Purchase Award For Purchase of  
Various Electrical Equipment/Goods And Safety Appliances under  
Jurisdiction of General Manager (O&M) MPMKVCL,Guna”.**

**General Manager (O&M),**

**OFFICE OF THE GENERAL MANAGER  
M.P.MADHYA KSHETRA VIDYUT VITARAN CO. LTD.  
POWER HOUSE CAMPUS, STATION ROAD, GUNA-473001**

**Phone no. (07542)- 259402**

**Website – [www.mpcz.co.in](http://www.mpcz.co.in)**

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**OFFICE OF THE GENERAL MANAGER (O&M)**

**M.P.M.K.V.V.Co. Ltd.Guna**

**E-mail:gmguna123@gmail.com**

**TENDER NOTICE**

MPMKVVCL, Guna, invites online bids for under administration of MPMKVVCL, (O&M), as per Tender Specifications on the website-[www.mptenders.gov.in](http://www.mptenders.gov.in), under e-Procurement System.The Bid Seals (Hashes) will be received online on the portal <https://www.mptenders.gov.in> up to date & time indicated below. The Tenders will be opened in the office of the undersigned as mentioned in tender time schedule (key date). If desired, the bidder or their duly authorized representative may remain present at the time of opening of tender.



**OFFICE OF THE GENERAL MANAGER (O&M)**

**M.P.M.K.V.V.Co. Ltd.Guna**

**E-mail:gmguna123@gmail.com**

प्रकाश एवं विकास

**NO.GM/O&M/Guna/PUR/26-27/01 Dated 13-05-2026**

**TENDER NOTICE**

**MPMKVVCL, Guna** invites bids for following item through e-tendering

Tender Specification Number	Particulars	Approx. Value (INR) (Lakh)	Tender fee (INR)	EMD (INR)	Bid Submission End Date	Date of Opening of Bids on line
GM/O&M/Guna/PUR/26-27/01 Dated 13-05-2026	“Rate Contract for Supply Local Purchase Award For Purchase of Various Electrical Equipment/Goods And Safety Appliances under Jurisdiction of General Manager (O&M) MPMKVVCL,Guna”	80.00	5000.00/- + 18% GST	160000/-	28.05.2026 13.00 Hrs.	29.05.2026 14.00 Hrs.

Other details are available on Company website [www.mpcz.co.in](http://www.mpcz.co.in) & [www.mptenders.gov.in](http://www.mptenders.gov.in)

**//SAVE ELECTRICITY//**

Tender documents can be purchased only online from [www.mptenders.gov.in](http://www.mptenders.gov.in) by making online payment for the Tender Document Fees.

- a) The Bid Data should be filled in and the Bid Seals (Hashes) of all the envelopes and the documents which are to be uploaded by the Bidders should be submitted online as per the time Schedule (Key Dates).
- b) The Bidders shall have to submit their Bids online (decrypt the bids and re-encrypt the bids) and upload the relevant documents forms as per time Schedule (key Dates).
- c) Bidders intending to participate in the Tender are required to get themselves trained on the e-Procurement System. The Bidders are required to contact the Service Provider.
- d) The EMD of Rs. 160000/- in favour of AO(AU)MPMKVVCL Guna, payable at Guna, along with soft copy of tender & supporting documents duly filled shall be uploaded online on portal . Whole tendering process is online. No need to submit anything in physical hard copy to this office.
- e) **Bids not accompanied with an acceptable bid security, as specified in bidding documents, in a separate cover or bids accompanied with bid security of inadequate value shall be rejected by the procurer and in such cases bids shall be returned to the bidders unopened.**
- f) The corrigendum or addendum to the bidding documents if any will be published on the Company's website [www.mpcz.co.in](http://www.mpcz.co.in) as well as in the e-procurement website [www.mptenders.gov.in](http://www.mptenders.gov.in). Hence participant bidders are **advised to regularly visit the website** for any amendment to the bidding documents until the last date of bid submission. This office shall not in any way be responsible for any ignorance of the bidders about the corrigendum or addendum.
- g) Other details can be seen in the tender documents.
- h) **Key Dates:-**

Seq. No	MPMKVVCL Stage	Date & Time
1	Purchase of Tender Start Date	13-05-2026/18.00 hrs
2	Purchase of Tender End Date	28-05-2026/13:00 hrs
3	Bid Opening Date	29-05-2026/14:00hrs

**NOTE:** In case if any above date(s) is declared a holiday/local holiday then the date will get shifted to the next working day.

- a) The Company reserves the right to reject any or all the tenders or accept any tender in full or part as considered advantageous to the Company, whether it is the lowest or not, without assigning any reason whatsoever it may be.
- b) The tender notice and complete tender and further information – shall also be available on our website [www.mpcz.co.in](http://www.mpcz.co.in) and [www.mptenders.gov.in](http://www.mptenders.gov.in). Also Published in NEWS Paper.
- c) The Micro & Small Enterprises (MSEs) of Madhya Pradesh registered with District Industries Centre (DIC)/Khadi & Village Industries Commission (KVIC)/ Khadi & Village Industries Board (KVIB)/Coir Board/NSIC/Directorate of Handicraft and Handlooms / UDYAM or any other body specified by Ministry of Micro, Small & Medium Enterprises on the date of opening of tender for the tendered item(s) shall be exempted from payment of tender fee. In support of above the bidders shall be required to upload the requisite documents on the portal of MP Tender, failing which their techno commercial bid shall not be considered for opening. **Please note that, all the out State firms (i.e. out of MP firms) are mandatorily required to submit the Tender Fees.**

**GeneralManager(O&M),  
M.P.M.K.V.V.C.L.Guna**



**OFFICE OF THE GENERAL MANAGER (O&M)  
M.P.M.K.V.V.Co. Ltd.Guna  
E-mail:gmguna123@gmail.com**

**TENDER FORM**

The undersigned hereby tender and offer (subject to the Company's conditions of tendering) the MP Madhya Kshetra Vidyut Vitaran Co. Ltd., (O&M),Guna for "**Rate Contract for Supply Local Purchase Award For Purchase of Various Electrical Equipment/Goods And Safety Appliances under Jurisdiction of General Manager (O&M) MPMKVCL,Guna**".referred to in the Details of Technical Particulars attached to tender document **NO. GM/O&M/Guna/PUR/26-27/01 Dated 13-05-2026**

and its enclosure and in Schedules to the side Details of Technical Particular copies of which are annexed here to and which under the terms thereof are to be supplied, executed and done by the System Integrator and to perform and observe the provisions and agreements other part of the contract contained in or reasonable to be referred from the said tender documents for the sums and at the rates sets out in annexed here to.

The questionnaire enclosed with this tender document has been fully answered and is enclosed herewith (if the questionnaire is not answered in full, the answer to various question may be taken so as to be advantageous to the Company unless contrary is mentioned in the body of the tender).

Signed this ..... Day .....of .....(Month)..... 2026

TENDERER'S SIGNATURE  
(With Seal)



## OFFICE OF THE GENERAL MANAGER (O&M)

M.P.M.K.V.V.Co. Ltd.Guna

E-mail:gmguna123@gmail.com

### **Important Instructions to Bidders**

**Sub: - "For "Rate Contract for Supply Local Purchase Award For Purchase of Various Electrical Equipment/Goods And Safety Appliances under Jurisdiction of General Manager (O&M) MPMKVVCL,Guna". Against Tender Notice NO.**

**GM/O&M/Guna/PUR/26-27/01 Dated 13-05-2026**

Madhya Pradesh Madhya KshetraVidyutVitaran Company Limited (MPMKVVCL) was incorporated as wholly owned Government Company on 31<sup>st</sup> May 2002, under the Companies Act 1956; the same has been notified vide order No. 5555/RS/4/13/2001 dated 1<sup>st</sup> July, 2002 of the Government of Madhya Pradesh. The company undertakes the activities of distribution and retail supply in the areas covered by the Commissionaires of Bhopal, Narmadapuram, Gwalior and Chambal. The company obtained certificate of commencement of business on 16<sup>th</sup> July 2002 from Registrar of Companies, Madhya Pradesh and Chhattisgarh, Gwalior.

Online tenders are invited by the General Manager (O&M), MadhyaPradeshMadhyaKshetraVidyutVitrانCo.Ltd. ,Guna for "**Rate Contract for Supply Local Purchase Award For Purchase of Various Electrical Equipment/Goods And Safety Appliances under Jurisdiction of General Manager (O&M) MPMKVVCL,Guna**". Against Tender Notice **NO. GM/O&M/Guna/PUR/26-27/01 Dated 13-05-2026** as per Tender Specifications on the website [www.mptenders.gov.in](http://www.mptenders.gov.in), under e-Procurement System. The bidders are requested to kindly carefully go through the tender document's instructions and various terms and conditions contained in Annexure except as modified/laid-down hereunder. It may be noted that no conditions or stipulations to the contrary or which are inconsistent will be accepted. Bidders are requested to ensure that all such schedules along with questionnaire (duly filled-in), are submitted along with their offer. The bidders should also note that in absence of any of the schedules, their offer is likely to be rejected.

**1. ELIGIBILITY CRITERIA-**

The bidder must be registered as a vendor in MPMKVVCL Gwalior region. The documentary evidence of having carried out the work must be enclosed with the offer. Please mention. GST NO (Documentary evidence may be submitted with the offer) the offer without registration No. of GST shall not be entertained and rejected. Bidder /suppliers are required to registered in QC Portal.

**2. EARNEST MONEY-**

The bidder shall deposit the earnest money deposit amount Rs.160000/- Online Only in favour of Accounts Officer (AU), MPMKVVCL,Guna with the offer. No offer will be accepted without earnest money deposit.

The suppliers/firms who come under above categories for exemption of EMD, should furnish valid documentary evidence (Annex-III-2 (i)) along with the offer, failing which offer shall be rejected and returned.

3. **VALIDITY OF BIDS-**

The offers shall be valid for 365 days from validity of the offer shall be counted from the date of opening of the bids. The offers having validity of less than 365 days are liable to be rejected or 31 March 2027 whichever is earlier.

4. **ACCEPTANCE OF PART/WHOLE BIDS-RIGHTS THERE OF-**

MPMKVCo.LTD, reserves the right to accept/reject wholly or partly any tender without assigning any reason whatsoever, No correspondence in this regard shall be entertained.

5. **PRICES-**

The prices quoted in BOQ should be 'FIRM' and on F.O.R Destination in delivery to the consignee.

6. **DELIVERY & PENALTY THEREOF-**

The delivery of the ordered quantity of material shall be completed within 45 Working days from the date of the order. Any delay in delivery beyond this period shall attract penalty @ 0.5% per week maximum 10% of bill value.

7. **CONSIGNEE-**

The consignee of the items to be delivered shall be GM (Store) M.P.M.K.V.V.Co.Ltd., Guna.

8. **TERMS OF PAYMENT-**

The payment of 100% (Hundred Percent) value of the consignment will be made within 45 days from the date of receipt of Material in good condition by the consignee or in turn as per queue whichever is later, by the AO(AU)MPMKVCL, Guna, after the delivery and subject to completion of all contractual formalities. No interest will be paid on any delayed payment.

9. **SECURITY DEPOSIT-**

- a. An amount of 10% shall be deducted from every bill submitted by successful bidders.
- b. The M.P.M.K.V.V.Co. Ltd. shall forfeit the security deposit in the event of non-execution or part execution of the orders invoking the penalty clause 6 of General Instructions to Bidders.
- c. The security deposit shall be returned to the successful bidder only after 365 days of due and faithful performance of order (supply/repair of material) as per terms and conditions of the order provided that there are no claims outstanding to be recovered from the supplier.

10. **EVALUATION CRITERIA-**

The bid will be evaluated on the basis of the rates (Price) quoted in the Price Schedule.

**GENERAL MANAGER (O&M)**  
**M.P.M.K.V.V.C.L.Guna,**

## General Instructions to Bidders

**1. SCOPE OF Supply:**

- a. The design (make/design/shape/size) of material supplied by supplier shall be of desired make or compatible and match to the existing quality and standards of existing of market leading product/mentioned brand/make. In case material supplied by the suppliers is not suitable as per the aforesaid condition, then the same should be taken back by supplier and has to be replaced as per requirement at no extra cost.

**2. NO DEVIATION CERTIFICATE:**

- a. The bidder has to submit '**No Deviation Certificate**' as per **Annexure-II** for accepting the term & conditions of the tender and technical specifications of the material tendered without any deviation.
- b. The deviations if any in commercial/technical terms should be mentioned very clearly. In the event of contradictions in terms and conditions and to that of questionnaire, the bid shall be treated as incomplete and is liable for rejection.

**3. BIDDER INFORMATION:**

The bidder has to submit Bidder Information as per **Annexure-III**.

**4. SUPPLIER NOT TO MAKE ANY ALTERATION IN DOCUMENT:**

No alterations, which are made, by the supplier in the specifications or probable quantities accompanying this notice shall be recognized, and if any such alterations are made, the Bid shall be invalid. Any Bid, which purports to alter, vary or omit any of the conditions herein, is liable to be rejected.

**5. PERFORMANCE GUARANTEE:**

- a. The Performance Guarantee will be One Month from date of order. Any goods are found to be defective in material or workmanship they will have replaced by the supplier free of all charges.

**6. DUE DATE & TIME FOR RECEIPT/ OPENING OF OFFERS:**

Tender shall be opened on the due date and time as notified in the presence of the TENDERERS or their authorized representatives who may be present. If the due date of opening/ submission of tender documents are declared a holiday by the Central/ State Government or Local Administration, it will automatically get shifted to the next working day, for which no prior intimation shall be given. The tender opening shall be continued on subsequent days, in case the opening of all the tenders is not completed on the day of opening.

It may please be noted that the due date/ time of opening can be altered, extended, if felt necessary by the purchaser, without assigning any reason thereof. However, due intimation shall be communicated in such a case.

**7. OPENING OF E.M.D. AND TECHNO-COMMERCIAL QUESTIONNAIRE:**

- a) The first envelope containing Earnest Money Deposit, shall be opened on the due date and time, as notified in the tender.
- b) After verifying the requirements for the above, the second part i.e. Technical and Commercial Questionnaire shall be opened on the same date in respect of eligible bidders.
- c) The technical proposal shall be evaluated at the same time and the bidders who fulfill the eligibility criteria as per clause 1, Eligibility Criteria of Important Instructions to Bidders and other requirements of tender like Earnest Money deposit, Tender Cost, fulfilling the criteria of techno commercial questionnaire, 'No Deviation Certificate', submission of bidder Information etc. shall be technically qualified for opening of Price Bid.
- d) The offers which are in conformity with important commercial terms and conditions including payment terms, penalty, Security Deposit and performance guarantee clauses of the tender enquiry shall be eligible for opening of their price bid.

**8. OPENING OF PRICE BID:**

The price bids of technically and financially qualified bidders shall be opened online at a later date for the tenders who have fulfilled the eligibility criteria of the tender. This date shall be intimated to such all tenders separately.

**9. EARNEST MONEY:**

- a) The bidder shall deposit the Earnest Money Deposit amount of Rs 160000/- and submit confirmation of Earnest Money Deposit.
- b) The Earnest money can be deposited in online mode only in favor of AO (AU), MPMKKVVCL Guna,
- c) No. offer will be accepted without Earnest Money Deposit.
- d) In case, the bidder withdraws his offer during the validity period or after placement of order, the EMD amount shall be forfeited.
- e) Return of earnest money to unsuccessful bidders:  
EMD shall be returned to the un-successful bidders, as soon as possible, after the tender has been decided. No interest shall be paid on EMD.
- f) EMD of bidders on whom the orders shall be placed, shall be returned on deduction of Security Deposit from the first bill of vendor. No interest shall be paid on EMD amount.

**10. PRICES:**

- a. The prices quoted in e-procurement portal should be as per Price and Quantity Schedule, (Price Bid).
- b. GST shall be quoted in Percentage in BOQ Separately.
- c. The prices shall be indicated in figures and words separately & strictly in Performa prescribed. Any ambiguity in this regard shall be treated as incomplete bid & shall be rejected.

**11. SECURITY DEPOSIT:**

- a. Security deposit equal to 10% of value of the individual orders placed by SE (O&M) Guna against the RCA may be remitted in the form of DD/B.G. only drawn on any scheduled bank within 15 days from the date of issue of order. The DD to be drawn in favour of AO(AU) MPMKVVCL Guna. The BG towards SD Should be from a scheduled Bank on Stamp Paper equal to 0.25% of the amount of BG with validity of minimum 18 Months either amount shall be deducted from bill submitted by successful bidders. **Or** An amount of 10% shall be deducted from every bill submitted by successful bidders.
- b. The M.P.M.K.V.V.Co. Ltd. shall forfeit the security deposit in the event of non-execution or part execution of the orders invoking the penalty clause 06 of Important Instructions to Bidders.
- c. The security deposit shall be returned to the successful bidder only after 365 days of due and faithful performance of order (supply/repair of material) as per terms and conditions of the order provided there are no claims outstanding to be recovered from the supplier.

**12. FINALIZATION OF RCA :**

- i) The RCA shall be finalized for each item of the price Bid, considering the lowest of the rates quoted by all the bidders. On the basis of the lowest rates, counter offer shall be placed to eligible bidders. On acceptance of counter offer, MPMKVVCL shall place order for Rate Contract to bidders(s).
- ii) If any bidder does not quote price or misses out to quote price for any item or quotes zero price, the RC rate for that item would be taken as the lowest non zero rate quoted among the eligible bidders.

**13. PLACEMENT OF RC ORDER :**

The MPMKVVCL shall have discretion to place RCA order to any bidder or bidders or any other person who agrees to work on the rates, terms and conditions and RC rates offered by the company. The company may exclude any bidder by exercising clauses specified in the tender.

**14. METHODOLOGY OF OPERATION:**

The vendor should possess a receipt of confirmation of material supplied, a copy of which has to be submitted along with the bill to DGM (Store) Guna .Any bill received without the confirmation receipt is liable not to be paid by the competent authority.

**15. DELIVERY & INSTALLATION:**

The concerned vendor will supply the Material/Repaired unit within in 30 working days. The time given by order issuing authority which ever is earlier.

**16. TERMS OF PAYMENT**

- a. The successful bidder shall submit the bills in triplicate along with Delivery Challan /confirmation receipt duly sealed and signed by the

consignee as per clause. The bills shall be verified and passed by the GM (Store) Gunawithin 7 days of successful supply of material for onward processing to AO(AU) M.P.M.K.V.V. Co. Ltd., Gunafor payment.

- b. The payment of 100% (Hundred percent) value of the bill/invoice will be made within 45 days from the date of submission of bills by the AO (AU) M.P.M.K.V.V. Co. Ltd., Guna, after the successful subjected to completion of all procedural formalities and clearance of all statutory liabilities.
- c. An amount of 10% will be retained from the bills as Security Deposit.
- d. The supplier shall have no claim or reason to stop the services if payments are delayed. No interest on overdue (delayed) payment shall be made under any circumstances.
- e. Payment shall be made for the amount after deduction of penalty, liquidated damages, recovery due to risk and cost factor, any other recoverable amount from the service provider against the instant award or any other award placed on them, if separately or severally applicable.
- f. Payment of statutory taxes and levies shall be as per the prevailing rates as prescribed by appropriate Govt.

**17. ACCEPTANCE OF PART/WHOLE BIDS- RIGHTS THERE OF :**

MPMKVV.Co.Ltd., reserves the right to accept/ rejects wholly or partly any tender enquiry without assigning any reason whatsoever, No correspondence in this regard shall be entertained.

**18. EXTENSION ORDER:**

The validity of the Rate Contract award shall be of one year from the date of award, however MPMKVVCL reserves the rights to extend the validity of the Rate Contract order for two more years on the yearly basis at same rates, terms and conditions of the original order with written consent of all concern.

**19. COMPLIANCE OF REGULATIONS:**

The supplier shall warranty that initial supplied, shall have been produced, sold, dispatched, delivered ,tested, in strict compliance with all applicable rules and regulations. Any liability arising out of contravention of any of the laws, shall be the sole responsibility of the supplier and the purchasers shall not be responsible in any manner whatsoever.

**20. CANCELLATION OF ORDER:**

The Company may, upon written notice of 15 days, terminate/ cancel work order if in the opinion of the company, the supplier fails to supply/ repair the material timely or the quality of material/services has been assessed substandard

**21. TRANSIT RISK :**

Any transit risk or liability till successful delivery of the material shall lie with the supplier and the company bears no responsibility for any damage or loss.

**22. FORCE MAJEURE:**

Force majeure condition is herein defined as:-

- a. Natural phenomena, such as floods, draughts, earth-quakes and epidemics.

- b. Act of any Government Authority, domestic or foreign, such as war, quarantines, embargoes, licensing control or production or distribution restrictions.
- c. Accident and disruptions such as fires, explosions, increase in power cut with respect to date of tender opening, break-down of essential machinery or equipment etc.
- d. Strikes, slow down, lockouts continuing for more than three (3) weeks.

**23. JURISDICTION:**

Any dispute or difference, if any, arising out of or in respect of this tender due to be settled exclusively at Guna or be triable in any competent court situated at Guna only. Unless stated specifically anything contrary to it shall be deemed that you have agreed to all term and conditions mentioned in this tender enquiry and the same shall be binding on you.

**24. RECOVERIES AND LIABILITIES AGAINST OTHER CONTRACTS :**

All amount recoverable from the agency against earlier contracts including orders on sister concern with the company will be adjusted from payment due against the contract that may be awarded under this specification.

**25. ARBITRATION:**

If, at any time, any question, dispute or difference notice in writing of the existence of such question, dispute or difference, and the same shall be referred to the adjudication of two arbitrators, one to be nominated by the Purchaser and the other to be nominated by the Supplier or in the case of said arbitrators not agreeing, then to the adjudication of the Umpire to be appointed by the arbitrators, whose decision shall be final and binding on the parties and the provisions of the Indian Arbitration Act 1940, and of the rules there under and any statutory modification thereof shall be deemed to apply. The arbitrators or the Umpire, as the case may be, are bound to give a detailed speaking award assigning reasons for the findings. Supplies under the Contract shall be continued by the supplier during the arbitration proceedings, unless otherwise, directed in writing by the Purchaser or unless the matter is such that the work cannot possibly be continued until the decision of the arbitrators or of the Umpire, as the case may be, is issued.

**26. CORRESPONDENCE :**

Copies of all important correspondence on subject should be sent to the General Manager (O&M), MPMKVV Co. Ltd., Guna, the concerned consignee and Accounts Officer. In addition to the above, one statement showing the details of dispatches made should be submitted after completion of order.

**27. CORRUPT, FRAUDULENT AND UNETHICAL PRACTICES:**

- a. "Corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the process of 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 detriment of the purchaser, 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 the Purchaser of the benefits of free and open competition.

- c. "Unethical practice" means any activity on the part of bidder, which try to circumvent tender process in any way. Unsolicited offering of discounts, reduction in financial bid amount, upward revision of quality of goods etc. after opening of first bid will be treated as unethical practice.
- d. MPMKVVCL Gunawill reject a proposal for award and also may debar the bidder for future tenders in MPMKVVCL Guna, if it determines that the bidder has engaged in corrupt, fraudulent or unethical practices in competing for, or in executing a contract.

## **28 ACCEPTANCE OF TENDER**

- i. The Purchaser may reject any or all tenders or to accept any tender considering advantageous to Purchaser whether it is the lowest offer or not.
- ii. The Purchaser may split the quantities against the tender on more than one firm for the same item. No reasons shall be assigned by the Purchaser for this and the same will be binding on the bidders.

### **Encl:**

- I. Annexure-I : Techno commercial Questionnaires**
- II. Annexure-II : No Deviation Certificate**
- III. Annexure-III : Bidder Information Format**

**General Manager (O&M)  
M.P.M.K.V.V.Co.Ltd. Guna**

## Annexure I

### TECHNO-COMMERCIAL QUESTIONNAIRE

The bidders are requested to confirm acceptance of following terms and conditions. This schedule must be submitted along with the offer duly filled in:-

S. No.	PARTICULARS	CONFIRM ACCEPTANCE (YES / NO )
1	TENDER FEE Tender fee deposited before last date and time	
2	ELIGIBILITY CRITERIA( <b>Clause-1 Important Instructions to the bidder</b> ) Past Experience and Financial criteria	
6	VALIDITY( <b>Clause-3 of Important Instructions to the bidder</b> ) Please indicate validity of your offer, validity shall not be less than 365 days.	
7	PERFORMANCE GUARANTEE( <b>Clause-5</b> ) Whether agreeable to warranty clause	
8	EARNEST MONEY( <b>Clause-9 General Instructions to the bidder</b> ) Details of Earnest Money Deposits furnished.	
10	Please indicate your GST no. i) PAN ii) GST No	
11	SECURITY DEPOSIT( <b>Clause-13 General Instructions to the bidder</b> ) Whether agreeable to deduct @ 10 % value of bills	
12	DELIVERY & INSTALATION ( <b>Clause-16 General Instructions to the bidder</b> ) Whether agreeable to deliver material within 03 working days	
13	PAYMENT CLAUSE ( <b>Clause-18 General Instructions to the bidder</b> ) Whether agreeable to payment clause of this tender	
14	PENALTY CLAUSE ( <b>Clause-06 Important Instructions to the bidder</b> ) Whether agreeable to penalty clause.	

TENDERER'S SIGNATURE  
(With Seal)

## **Annexure II**

### **NO DEVIATION CERTIFICATE**

We/I hereby confirm that there is no deviation in our bid and the offer is submitted by us as per the terms & conditions stipulated in the tender document for specification of the items quoted. If found any deviation elsewhere in our offer, it should not be given any consideration while bid evaluation.

I also confirm that the entire order, if placed, on us shall be executed in accordance with your specifications and without any other conditions, variations, or deviations etc.

TENDERER'S SIGNATURE  
(With Seal)

**BIDDER INFORMATION FORMAT****Supplier Name:**

<b>S. No.</b>	<b>Particulars</b>	<b>Details</b>
<b>(A)</b>	<b>General information</b>	
1	Name of Company/Firm / shop	
2	Address	
3	Postal Code	
4	Phone Number	
5	Email Address & Fax	
6	Contact Person Name & Designation	
7	Year of Establishment	
8	Registration Number	
<b>(B)</b>	<b>Bank Related information</b>	
15	Bank Name	
16	Branch Name with location pin code	
17	Account No.	
18	Account Name (current/Overdraft)	
19	Cancelled Cheque enclosed (yes/no)	
<b>(C)</b>	<b>Tax Related information</b>	
20	GST Number	
21	PAN Number	
22	TAN Number	
<b>(D)</b>	<b>Financial Information</b>	
24	Annual Turnover (24-25) Rs. In Lac	
25	ITR(2024-25) Rs. In Lac	

TENDERER'S SIGNATURE  
(With Seal)

## DETAILED TECHNICAL SPECIFICATION AND PARTICULARS

### 1.0 SCOPE

This specification provides for supply (for destination at our Stores/Site Store anywhere within the state of Madhya Pradesh) of different materials required in repairs/reconditioning of transformers. The Technical Specification contained in this section is for the guidance of the tenderers. Any deviations from purchaser's specification will be considered on their relative merits or performance, efficiency, durability and overall economy consistent with the purchaser's requirement herein after stipulated.

### 2.0 STANDARD

S.No.	PARTICULARS of MINOR MATERIAL	SPECIFICATIONS
1	Various tripping coil	<b>Tripping Coils 30V for Stelmec, 11KV VCB with assembly Specification:</b> <b>Operating Voltage: 30V DC</b> <b>Coil Resistance: 3.2±0.1ohm</b> <b>Make: Sunkid/Rabco/SSR</b> <b>complete metal enclosure</b>
		<b>Tripping Coils Schneider/Areva ONLY COIL</b> <b>Specification:</b> <b>Operating Voltage: 30V DC</b> <b>Coil Resistance: 8.7±0.1ohm</b> <b>Bobbin-Outer diameter: 46mm</b> <b>Inner diameter: 16mm</b> <b>Height: 40mm</b> <b>Copper Wound</b> <b>With 0.5 meters insulated PVC 1.5 SQMM wire</b> <b>Overall min weight of coil: 225gms</b>
		<b>Tripping Coils Crompton with Assymbly Specification:</b> <b>Operating Voltage: 30V DC</b> <b>Coil Resistance: 2.4ohm20.1ohm</b> <b>Bobbin Outer diameter: 51mm</b> <b>Inner diameter: 20mm</b> <b>Height: 48mm</b> <b>Copper Wound With 0.5 meters insulated PVC 1.5 SQMM wire</b> <b>Overall weight of coil: 300gms</b>
		<b>Tripping Coils 30V for Megawin, with assembly</b> <b>Specification:</b> <b>Operating Voltage: 30V DC</b> <b>Coil Resistance: 4.8:0.1 ohms</b> <b>Bobbin Outer diameter: 42mm</b> <b>Inner diameter: 16mm (with brass tube)</b> <b>Length: 93mm</b> <b>Brass tube length: 98mm</b> <b>Plunger Length: 140mm</b> <b>Copper Wound and varnished</b> <b>With 0.25 meters insulated PVC 1.0 SQMM wire</b> <b>Weight</b> <b>1) Coil: 505gms</b>

		<p>2) Plunger: 126gms 3) Minimum Overall weight of coil: 960gms</p>
		<p>Tripping Coils ABB Specification Complete, Model: IVC102950A01A, 24V</p>
		<p>Tripping Coils Shreem ONLY Specification: Operating Voltage: 30V DC Coil Resistance: 3.9.ohms Bobbin Outer diameter: 51mm Inner diameter: 26mm Height: 51mm Copper Wound With 0.5 meters insulated PVC 1.5 SQMM wire A-1 No Minimum Overall weight of coil: 395gm</p>
		<p>Tripping Coils BHEL Specification: Bobbin Outer diameter: 42mm Inner diameter: 16mm (with brass tube) Length: 93mm Brass tube length: 98mm Plunger Length: 140mm Copper Wound and varnished With 0.5 meters insulated PVC 1.0 SQMM wire Weight: 1) Coil: 505gms 2) Plunger: 126gms 3) Minimum Overall weight of coil: 965gms,</p>
2	Various closing coil	<p>30 Volt Closing Coil With Assembly Suitable for 11 KV Stelmec Make-VCB Length of Coil 37 mm, I.D. 14 mm., O.D. 31 mm., Resistance 3.3 ohm Tolarance 0.1 ohm.. weight coil 120 gram, Total weight with assembly 265 gram Overall length 88 mm</p> <p>30 Volt Closing Coil With Assembly of 11 KV Crompton Make</p> <p>30 Volt Closing Coil With Assembly of 11 KV BHEL Make</p> <p>30 Volt Closing Coil With Assembly of 11 KV ABB Make</p> <p>30 Volt Closing Coil With Assembly of 11 KV Megawin Make</p> <p>30 Volt Closing Coil With Assembly of 11 KV Schnieder/Areva Make</p> <p>30 Volt Closing Coil With Assembly of 11 KV Shreem Make</p>
3	Expulsion fuse 20 A	20 A. for Capacitor Bank ( for 100 KVAR unit )
4	Expulsion fuse 40A	40A for capacitor bank ( for 200 KVAR unit )
5	Silica gel	Silica Gel Size 2 to 4 Mesh confirming to I.S. specification. The material shall be

		supplied in Air Tight container/ Bag and shall contact to satisfy all the requirement.
6	Breather for PTR (Capacity- 3 Kg.)	Aluminum body Breather capacity 3 kg. with silica gel suitable for Power Transformer. Breather body size 362 mm long, 153 mm dia, the body and cover made from Aluminum alloy material with flange. The Breather should have window size 168.5 X 68.5 mm to see the colour of silica gel and in bottom side of breather should have polycarbonate cap for oil drainage tolerance + 5 mm in breather body size.
7	CT smart clamp	CT smart clamp for 16/20 MM Stud for Raccoon, Dog and Panther Conductor
8	C&R Panel Indicators	Indication Lamp Complete with Holder Suitable for Control Panel 30 Volt DC Red and Green Colour for C&R Panels of Make-Siemens/ ITC/ INDO/ Asian/Altos
9	Selector switch	Selector switch suitable for Control panel of all makes.
10	TNC Switch	TNC switch suitable for Control panel of all makes.
11	MFM	MFM suitable for Control panel of all makes.
12	Buchholz Relay	Buchholz Relay (Gas & oil Operated) (IS 3637) Flange-6 inch
13	MOG	Magnetic oil level indicator model –S0-6 150mm suitable for ø conservator mounting Horizontal alarm switch low oil level.
14	11 KV Vacuuminterrupter	Supply of Vacuum Interrupter (Bottle):- Vacuum Interrupter (Bottle) Manufacturer Make-CG, Model No. WL34599M3+serial-E, of following specifications capacity 12KV, 26.3KA, 1250 Amp. Suitable for 11 KV CGL/Stelmec make VCB's with Original manufacturer Test Certificate.
15	33 KV Bushing for PTR suitable for 20 mm stud	Bimetallic clamp suitable for PTR 20mm dia Brass Stud. Weight 1.450KG
16	11 KV Bushing for PTR for 20 mm stud	Bimetallic clamp suitable for PTR 20mm dia Brass Stud. Weight 1.450KG
17	Smart Clamp/Bimeattalic clamp for PTR bushing Stud size 20 mm	Bimetallic clamp suitable for PTR 20mm dia Brass Stud. Weight 1.450KG
18	GI Nut Bolts assorted size	GI Nut Bolts assorted size required in 33/11 kv s/s works
19	Rubber Cork seat 4 mm	Rubberized Cork seat 4 mm (2 X 3 Ft.)
20	Rubber Cork seat 10 mm	Rubberized Cork seat 10 mm (2 X 3 Ft.)
21	Oil temperature indicator (OTI)	Oil Temperature Indicator (OTI meter) 0 to 150 degree. V P Type suitable for Power Transformer dial size 6 inch with 5 mtr. Capillary

22	Winding temperature indicator (WTI)	Winding Temperature Indicator (WTI meter) 0 to 150 degree, VP Type suitable for Power Transformer dial size 6 inch with 5 mtr. Capillary
23	Power Transformer Clamp	<p><b>PTR Clamp- Bi-Metallic Clamps/ Connectors suitable for 20mm dia stud:- Details</b></p> <p>(1) Aluminum Lower base size length 135 mm.. width 50 mm, thickness 15 mm., Aluminum upper base size length 88 mm, width 50 mm, thickness 25 mm with 6 nos GI Nut Bolt &amp; washer, Total Aluminum base weight 700 gram.</p> <p>(2) Copper base length 50 mm, width 50 mm. thickness 10 mm thread base length 60 mm thread dia 20 mm with 4 nos. GI Nut Bolt &amp; washer Total copper base weight 480 gram 89 Nos</p> <p>(3) Total weight 1180 gram <math>\pm</math> 3% Tolerance Total GI Nut Bolt with washer 10 nos. Total clamp length 200 mm. Suitable for DOG conductor</p>
24	Smart T Clamp of all sizes	Smart T Clamp suitable for Raccoon conductor, Dog and Panther Conductor
25	Smart PG Clamp of all sizes	Smart PG Clamp suitable for Raccoon conductor, Dog and Panther Conductor
26	Isolator Pad Clamp	Isolator Pad Clamp for Raccoon & Dog Conductor
27	Rubber Cork seat 6 mm	Rubberized Cork seat 6 mm (2 X 3 Ft.)

## 2.1- Technical Specification of Insulated Cutting Plier

- 1 Generally Conforming to IS 2615:1989 & IS 3650-1981 or equivalent IEC.
- 2 Insulated Cutting combination Plier with side Cutter made from high grade steel, forged and differentially heated, fully electrically insulated with C.A. sleeve, black phosphate & Both side Uniform cheek ground finish, Rivet both side round headed.

### 3 Technical Particulars

Sr. No.	Parameters	Required Specification	Bidder Specifications
1.	Length including sleeve	210.00 mm	
2.	Width	30.00 <sup>+/-3</sup> mm	
3.	Thickness	11.00 <sup>+/-1</sup> mm	
4.	Weight with sleeve	325 gm.	
5.	Material	Suitable Carbon or alloy steels meeting the requirement of hardness and test	
6.	<b>Hardness:-</b>		
i.	On body	= 35 to 50 HRC	
ii.	Near Cutting edge	= 50 to 60 HRC	

7.	Hard wire Cutting Test	Shall cut steel wire dia. 2.00 mm having min. 140 Kp/sqmm tensile strength, After completion of test, the cutting edges shall show neither visible indentation nor distortion which would affect the cutting performance of the tool.	
8.	Soft Wire Cutting Test	After completion of hard wire cutting test, plier shall be capable of cutting 1.0 mm Dia. copper wire having 210 to 250 MPa tensile strength.	
9.	Handle Load Test	Pliers shall pass the load test at 13.76 Kg & combined permanent set shall be Max. 0.76 mm	
10.	High Voltage Insulation Test	The insulation shall withstand a pressure of 2800 Volt rms AC or 4000 Volt DC for 2 mins. There shall be no breakdown of the insulation.	

MARKING on each unit: - Brand name, MPMKVVCL, MM/YR.As shown in Drawing below.

## 2.2- Technical Specification of Screw Driver 12

- 1 Generally conforming as per IS-844 (Part I & II) or equivalent IEC.
- 2 Engineers electrical pattern, magnetic charge type,
- 3 Length - 304 mm

Sr. No.	Parameters	Required Specification	Bidder Specifications
1.	Material	The blades shall be manufactured from suitable steel which after a suitable heat treatment fulfill the hardness and test requirement	
2.	Hardness on Tip	Min. 48 HRC.	
3.	Torque Test	Tip Size: 0.8 x 5.00 mm. Torque Spec.: 0.33 Kgm., Blade tip shall not show any crack, rupture or any sign of permanent deformation after test.	
4.	High Voltage Insulation Test	The insulation shall withstand at Min. 2.0 KV for 2 Minutes.	

MARKING on each unit:- Brand name , MPMKVVCL, MM/YR. As shown in Drawing below.

## 2.3-Technical Specification of Screw Driver 8

- 1 Generally conforming as per IS-844 (Part I & II) or equivalent IEC.
- 2 Engineers electrical pattern, magnetic charge type,
- 3 Length - 200 mm.

Sr. No.	Parameters	Required Specification	Bidder Specifications
1.	Material	The blades shall be manufactured from suitable steel which after a suitable heat treatment fulfill the hardness and test requirement	
2.	Hardness on Tip	Min. 48 HRC.	
3.	Torque Test	Tip Size: 0.8X5.00 mm. Torque Spec.: 0.33 Kgm Blade tip shall not show any crack, rupture or any sign of permanent deformation after test.	
4.	High Voltage Insulation Test	The insulation shall withstand at Min. 2.0 KV for 2 Minutes.	

MARKING on each unit: - Brand name, MPMKVCL, MM/YR.As shown in Drawing below.

## 2.4 Technical Specification of Neon Tester

- 1 Generally conforming to IS 5579-1985, 302-1979, 844-1979 (Part-2) or equivalent IEC.
- 2 Overall length Size -125 mm.
- 3 Metallic spring element, metallic, cap screw, transparent insulated plastic.

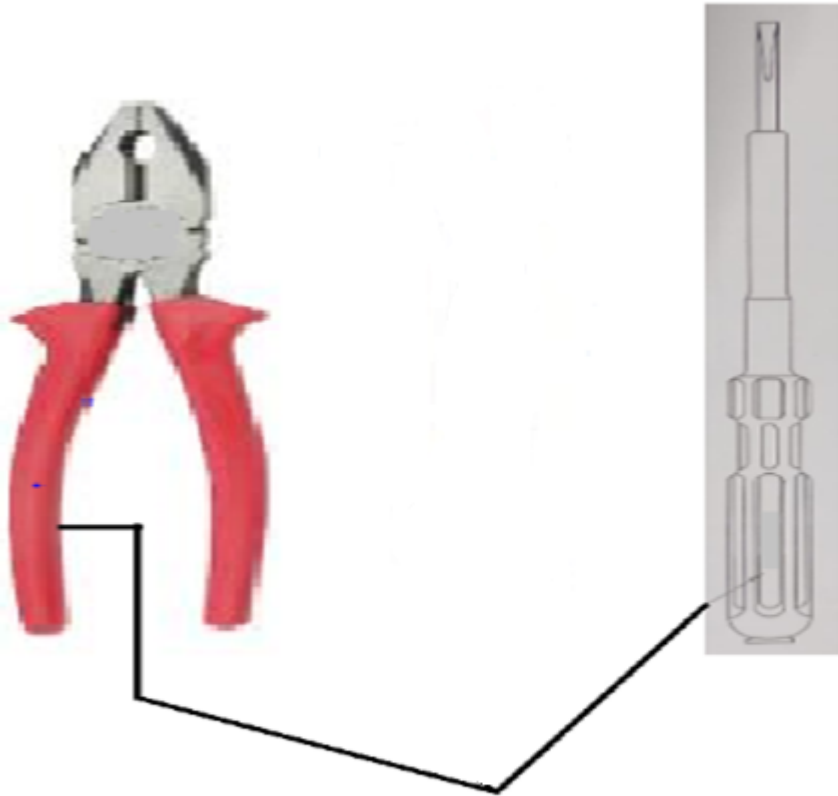
Sr. No.	Parameters	Required Specification	Bidder Specifications
1.	Material	The blades shall be manufactured from suitable steel which after a suitable heat treatment fulfill the hardness and test requirement.	
2.	Hardness on Tip	Min. 48 HRC	
3.	Torque Test	Tip size:0.7X3.50 mm Torque Spec.: 0.17 Kgm Blade tip shall not show any crack, rupture or any sign of permanent deformation after test	

4.	Bulb glowing at Min. AC Voltage	Neon tester shall give an indication by a visible flow in normal day light in room while connected to a voltage of 90 v DC or 60 AC	
5.	Leakage Current Value	300 UA (Peak) or 210UA (Rms) Max. Permissible	

Drawing

Insulated Cutting Plier, Neon Tester and Screw Drivers

PROPOSED LOCATION FOR MARKING

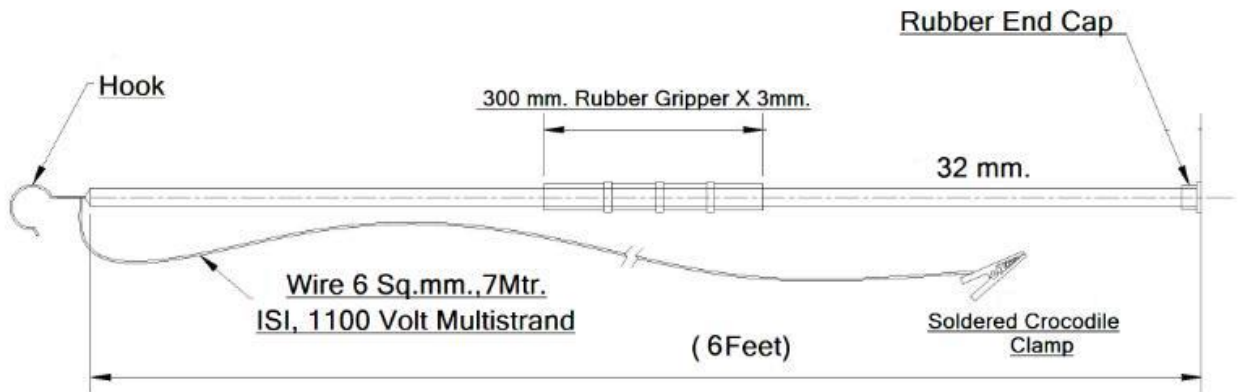


BY WHITE FOIL STAMPING /EMBOSSING ENGRAVING

## 2.5 Technical Specification of Fiber Discharge Rod 6 Ft

<b>TECHNICAL SPECIFICATION OF FRP LINEMAN DISCHARGE ROD</b>			
<b>S No.</b>		<b>Particulars</b>	
1	<b>1. Scope</b>	the manufacture, testing at works and supply of FRP Lineman Discharge Rod	
2	<b>2. Standards</b>	As per relevant IS with latest amendment (for materials used & testing). As per IS2071: 1993 / IEC 60060	
3	<b>3. General Construction Requirement</b>	FRP Lineman discharge rod shall be made of Highly insulated earthing solid stick of fully FRP material, length 6 Ft. Assembly with hooking it on to the overhead line equipment	
4	<b>3.1 Special Features:</b>	3.1.1 The section of the stick shall be provided with	i) The system to access & Earth the electric lines at a height consists of corrosion resistant, insulated fully FRP rod which is on the outside through strong & robust and of 6 feet hence easy to carry and having a dia. of 32 mm provided with a FRP grip.
			ii) 1100 V, Single core, ISI branded PVC Insulated annealed copper cable ,
			iii) Crocodile Grounding Clamp. Both ends of earthing cable are to be provided with copper lugs, which are to be soldered with wire. "J" Copper strip of 200 X 20 X 3mm
			iv) Rubber bush One no. thickness 3mm x 300mm
		3.1.2 One no. Rubber Bush	thickness 3mm x 8 inch & 3mm x 10 inch.
5	<b>3.2 Colour</b>	Natural WHITE or GREY.	
6	<b>3.3 Dimensions</b>	3.3.1 Length & Dia of fibre	6 FT . Outer DIA -32 mm
		3.3.2 Size of Wire	(i) Type : Single core, flexible Multi-strand annealed copper. (ii) Specification : IS:1554 (Pt.I)-1988 & IS 2071(Pt. 1 & III). (iii) 6 Sq. mm ( 84nos/ 0.3 mm Dia. Of cond. strand) flexible wire at least 7 mtrs (iv) Type of insulation : Heat resistant PVC. (v) Voltage grade : 1100.
		3.3.3 MARKING :	"MPMKVVCL" and trade mark of supplier should be embossed on the Telescopic Stick at every meter length preferably at 50mm from one end

**Drawing**  
**LINEMAN FIBRE DISCHARGE ROD**



## 2.6 Technical Specification of Safety Helmet

### TECHNICAL SPECIFICATION OF SAFETY HELMET

#### 1. SCOPE

This specification covers the manufacturing, requirement regarding material construction, workmanship, finish and performance requirement with testing before dispatch and delivery at our stores of safety helmets to provide protection against head injuries which may be caused by falling objects and other hazards encountered during working on electrical transmission, distribution lines and switchyards.

#### 2. STANDARDS:

The safety helmets shall be ISI marked and shall meet the requirement of following standards.

- i) IS-2925:1984/EN -397 (with latest amendments).
- ii) Chin Strap at least 19 mm wide with adjustable arrangement.

#### 3. SCHEDULE OF TECHNICAL SPECIFICATION

##### (A) REQUIREMENT

The safety helmets shall strictly conform to the requirement of IS: 2925/1984 with latest amendments. The helmets shall consists of shell, Ratchet Strap – with adjustable chin cup and headband having smooth finish , free from burrs and sharp edges . All components used shall have high degree of shock absorption, penetration resistance & shall also have high degree of flammability and electrical resistance. No metal parts shall be used anywhere in the helmet. The helmets shall have peak and ratchet fit.

##### (B) MATERIAL

###### i) SHELL:

The material of shell of the helmet shall be confirming to the provisions of IS-2925 and its latest amendments. The material shall not be made up with recycling process. It shall conform to the performance test requirements given in clause 8 of IS.

###### ii) HARDNESS:

The criteria for selection of material tape etc. shall be sweat resistance, non-irritant and shall not cause skin disease.

###### iii) Six or 8 point plastic/ Nylon head suspension.

###### iv) Sweat foam for comfort.

##### (C) SIZE :-

Helmets shall be of size suitable for medium sizes as per provisions for IS with replaceable harness.

##### (D) CONSTRUCTION:

The helmets shall be constructed as per provisions of various clauses of IS 2925 /1984 with latest amendments.

##### (E) Colour:

The helmet shall be of **Yellow** only

##### (F) Mass:

The mass of the complete helmet without attachment shall not exceed 400 gm.

##### (G) PERFORMANCE REQUIREMENTS:

The following tests shall be carried out at manufacturer's works to ascertain the performance requirements as per provisions of IS 2925 /1984 with latest amendments.

- i) Shock absorption resistance test.
- ii) Penetration resistance test.
- iii) Flammability resistance test.
- iv) Electrical resistance test.
- v) Water absorption test.
- vi) Heat resistance test.

The manufacturer must have all above test facilities at their works, for this the supplier shall furnish list of testing facilities/equipments available at their works otherwise their offer shall be ignored.

#### **4. PACKING AND MARKING**

The helmet shall be suitably packed as per requirement of IS. The safety helmets and harness shall be legibly and indelibly (permanent) marked by any suitable method not having a harmful effect the following information.

- a) Name of manufacturer.
- b) MM/YR
- c) MPMKVVCL
- d) ISI certification mark.

### **2.7 Technical Specification of Hand Gloves**

#### **1. SCOPE**

This specification covers the manufacturing, requirement regarding material construction, workmanship, finish and performance requirement with testing before dispatch and delivery at MPMKVVCL stores of insulated rubber hand gloves. To provide protection while working on electrical transmission, distribution lines and switchyards.

#### **2. STANDARDS:**

The insulated rubber hand gloves shall be ISI or C.E. marked and shall meet the requirement of following standards. IEC 60903-2014 (with latest amendments) or IS 13774 (with latest amendments).

#### **3. STANDARD OF MATERIAL:**

1. Electrical Insulating Rubber Hand gloves for H.V. shall be manufactured for maximum use ac voltage.  
Voltage level-HV  
Class-2  
AC Voltage V rms-17000
2. It shall be made from good quality natural rubber.
3. It shall be made of latex by dipping process.
4. It shall be of soft quality, seamless construction, 100 % shock proof and manufactured and tested.
5. It shall offer high dielectric properties and ensure good dexterity while offering protection upto maximum use ac voltage of 17000 V of use.
6. There should be no joints in the gloves.
7. It shall have a smooth surface and both inner and outer surfaces shall be free from visual defects like patches, blisters, porosity, embedded foreign matter or any other physical defects.
8. It shall be of gauntlet type and cut edge.
9. Its length and thickness:-  
Class-2  
Standard length (mm)-410  
Maximum Thickness (mm)-2.3.
10. The fingers shall be of curve finger type.

#### **4. Colour :**

The Hand Gloves shall be of **any** colour.

#### **5. Marking:-should be printed on the each Hand gloves**

1. "MPMKVVCL"
2. Max. working potential followed by word "Working"
3. Manufacturer name and Trade mark, if any
4. Month and Year of Manufacture.
5. Size and type of Gloves.
6. Conforming to IEC 60903-2014 (with latest amendments) or IS 13774 (with latest amendments).

#### **6. WORKMANSHIP**

6.1 The material shall be of latest design and conforms to the best engineering practices adopted in the field. Bidder shall offer only such Electrical Insulating Rubber Hand

Gloves for H.V. as guaranteed by them to satisfactory performance and suitable for continued good services.

- 6.2 The design, manufacturing process and material control at various stages shall be such as to give maximum use ac voltage, highest mobility, flexibility, dexterity, good finish and lamination of sharp edges and corners.
- 6.3 The design of Electrical Insulating Rubber Hand Gloves for H.V. shall be such that stresses due to electrical contact should not expand or contract in any part of the gloves.
- 6.4 **Manufacturing process:** The gloves made from liquid rubber by dipping process shall be acceptable. The gloves should be seamless, soft and flexible to allow easy movement of hands.
- 6.5 **Physical properties:** The allowable value of 'Tensile strength', 'Elongation at break', 'Tension set' and 'Ageing properties' shall be as stipulated in the Indian Standards or IEC standards.

## 7. PACKING

Electrical Insulating Rubber Hand Gloves for H.V. Each pair of Electrical Insulating Rubber hand gloves for H.V. shall be packed in Ultraviolet resistant polyethylene bags or package of sufficient strength to properly protect the gloves from damage. The outside of the container or package shall be marked with name of the manufacturer or supplier, the classification, category, size, length and cuff design. The supplier will be held responsible for the efficiency of the packing and protection to ensure safe transport from the manufacturers works to the MPMKVCL.

## 8. TESTING

- 8.1 Tenderers shall furnish type test certificates for Electrical Insulating Rubber Hand Gloves for H.V. of offered maximum use ac voltage tested from a NABL accredited laboratory like CPRI / ERDA or test reports from any other International reputed laboratory etc. showing results of tests carried out as per IEC 60903-2014 (with latest amendments) or IS 13774 (with latest amendments) at the time of bid. The design and type test reports shall not be more than 5 years old.
- 8.2 Batch test report shall be submitted along with each lot at the time of delivery.
- 8.3 The acceptance of the material shall be subject to passing of relevant tests as per GTP done by the Undertaking in our Materials Testing Laboratory or any recognized laboratory as per IEC 60903-2014 (with latest amendments) or IS 13774 (with latest amendments).
- 8.4 In addition to the tests specified above, the Undertaking reserves the right of carrying out any another test at our end, at manufacturers works or at any reputed laboratory.

## 9. GUARANTEED TECHNICAL PARTICULARS FOR RUBBER GLOVES

Sl. No.	Description	GTP FURNISHED BY FIRM
1	Name and address of manufacturer.	
2	Work's Address.	
3	Insulated rubber hand gloves type	
4	Size of insulated rubber hand gloves	
5	Material of insulated rubber hand gloves.	
6	Whether insulated rubber hand gloves are ISI/CE marked and copy of ISI/CE license enclosed.	
7	Max Working Potential (RMS)	
8	Test Potential (RMS)	
9	Leakage Current (RMS) at working voltage micro amps (Max.)	
10	Leakage Current (RMS) at test potential	
11	Maximum breakdown	
12	Dimension (from the tip of second finger to the	410 mm

	edge of the cuff)	
13	Max , Min thickness	As per ISS
14	Rubber Hand Gloves for 33 KV & 11 KV AB Switch Operating Handles	IEC 60903-2014 (with latest amendments) or IS 13774 (with latest amendments)

## **2.8 Technical Specification of Torch Chargeable LED Type**

### **1 SCOPE**

This specification covers the manufacture, testing before dispatch and delivery at our stores/site of the LED Torch using maintenance free rechargeable battery.

### **2 SCHEDULE OF TECHNICAL SPECIFICATION.**

LED Torch shall be manufactured and tested in accordance with the following specification / standard.

### **3 TECHNICAL FEATURES & SPECIFICATIONS**

The LED Torch using maintenance free rechargeable battery shall be having the following technical features:

1. Fitted With 6V Maintenance Free SLA Battery
2. 3 Watt Power LED
3. Bright Light Throughout Lighting Time Using Constance Current Source
4. Normal And Full Light
5. SMPS Circuit-Input Range 100-280V
6. Fast Charging Input 8-9 Hours
7. Over Charging And Over Discharge Protection

LIGHTING TIME 3W MODEL

NORMAL LIGHT 22 HOURS

FULL LIGHT 11 HOURS

### **4 GUARANTEED TECHNICAL & OTHER PARTICULARS:**

The tenderer shall furnish complete guaranteed and other particulars of material offered by him.

