

**OFFICE OF THE CMD (WEST ZONE)**  
**M.P. Paschim Kshetra Vidyut Vitaran Co. Ltd.**  
**G.P.H. Compound, Pologround, Indore.**

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Tender Specification No.CMD/WZ/06/PUR/454,

Due for opening on: - 03.08.2010 AT 3.30 PM

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**SUPPLY OF 11 KV & 33 KV Isolators**

Issued by:

**The Chief Engineer (Corporate Office)**

O/o CMD (West Zone),  
M. P. Paschim Kshetra Vidyut Vitaran Co. Ltd,  
G.P.H. Compound, Pologround,  
Indore (M.P.)

EPABX No.: 0731-2423577, 2422544, 2423263, 2422045 Extn. 144 Fax No. 0731 2423300.

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**Volume I**

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*Schedule II (A) : Schedule of Guaranteed Technical Particulars..... 18*  
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### Basic Tender Information

Particulars	Details
<b>Name of Work</b>	<b>SUPPLY OF 11 KV &amp; 33 KV Isolators</b>
<b>Tender Specification number</b>	CMD/WZ/06/PUR/454
<b>Date of Sale of Tender documents</b>	From 15.07.2010 to 03.08.2010 (upto 12.00 Noon) During 11Hrs. to 17Hrs. hours on any working day.
<b>Last Date of Bid Submission (Date &amp; Time)</b>	03.08.2010 At 3.00 PM
<b>Due Date of Opening of Technical &amp; Commercial bids</b>	03.08.2010 At 3.30 PM
<b>EMD to be Deposited</b>	Rs. 50000/- in the form of DD in favour of MPPKVVCL, Indore
<b>Cost of Tender Documents</b>	Rs. 5000/- plus Rs 300/- extra if desired by post.

**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010**  
**SUPPLY OF 11 KV & 33 KV Isolators**

## Tender Notice

**M.P. PASCHIM KSHETRA VIDYUT VITARAN CO. LTD.,**  
**GPH COMPOUND, POLOGROUND, INDORE**  
 (EPABX Ph. No: 0731-2422045, 2423263, 2422544, Extn. 144, 203 & 303 Fax No: 2423300)

No. CMD/WZ/06/PUR/12246

Indore, dated: 06.07.2010

## NOTICE INVITING TENDERS

Sealed tenders are invited for following items by the dates indicated here under: -

Sr. No.	T.S. No. CMD/ WZ/06/PUR/	Name of Item / work	Approx. quantity	Tender Fee (Rs.)	Last date for submission up to 3:00 PM & opening at 3:30 PM
1	451	<b>PVC Cable, 1100 Volts Gr. Armoured Aluminum Cable (KM)</b>		10000/-	02.08.2010
		2.5 sq.mm. 2 core	1000		
		4.0 Sq.mm. 2 core	6680		
		6.0 Sq.mm. 4 core	535		
2	452	<b>LT Aerial Bunched Cable</b>		10000/-	02.08.2010
		3X25+1X16+1X25 Sq MM	10		
		3X95+1X16+1X70	50		
		3X120+1X16+1X95	260		
		3X70+1X16+1X50	110		
3	453	<b>1100V, Single Core XLPE/PVC insulated Un-Armoured Aluminum Conductor Cable (KM)</b>		5000/-	02.08.2010
		16 Sq.mm.	22105		
		25 Sq.mm.	200		
		35 Sq.mm.	150		
		70 sq.mm.	30		
		150 Sq.mm.	60		
		300 Sq.mm.	20		
4	454	<b>33 KV / 11 KV Isolator</b>		5000/-	03.08.2010
		33 KV Isolator (600 A.)	186		
		11 KV Isolator (600 A.)	304		
5	455	<b>11 KV Aerial Bunched Cable (KM)</b>		5000/-	03.08.2010
		11 KV Aerial Bunched Cable 185 sq. mm	10		
		11 KV Aerial Bunched Cable 95 sq. mm	5		
6	456	<b>Current Transformer/ Potential Transformer (Nos.)</b>		5000/-	03.08.2010
		33KV CT Ratio 200/100/5	276		
		33KV CT Ratio 300/150/5	18		
		11KV CT Ratio 500/250/5	30		
		11KV CT Ratio 300/150/5	254		
		11KV CT Ratio 200/100/5	466		
		11 KV PTs: Single Phase .	120		
7	457	<b>33 KV &amp; 11 KV AB Switch (Nos.)</b>		2000	04.08.2010
		33 KV AB Switch	80		
		11 KV AB Switch	1300		
8	458	<b>Lightning Arrester (Nos.)</b>		2000/-	04.08.2010
		33 KV Lightning arrestors (Station Type)	300		
		11 KV Lightning arrestors (Line Type)	10131		
		11 KV Lightning arrestors (Station Type)	120		
9	459	<b>Control &amp; Relay Panel</b>		2000/-	04.08.2010
		33 KV Control & Relay Panel for transformer protection	28		
		33 KV Control & Relay Panel for feeder protection	6		
		11 KV Control & Relay Panel for transformer protection	28		
		11 KV Control & Relay Panel for feeder protection	105		
10	460	<b>HT Meter Testing Equipments</b>		2000/-	05.08.2010
		Portable 3 Phase Electronic Reference Standard Meter (Accuracy Class 0.05s) (Set)	2		
		Portable Static Phantom load Testing Kit (Set)	2		
		Primary Injection Kit 300 Amp (Set )	2		
11	461	<b>XLPE cable of assorted ratings</b>		2000/-	05.08.2010
		11 KV XLPE cable 3 core 185 sq.mm	3		
		33 KV XLPE cable 3 core 185 sq.mm	1		
11	462	<b>Copper Control cable (KM)</b>		1000/-	05.08.2010
		Copper Control cable (4 core 2.5 Sq.mm. unarmoured)	13		
		Copper Control cable (8 core 2.5 Sq.mm. unarmoured)	8		
		Copper Control cable (2 core 2.5 Sq.mm. unarmoured)	7		
		Copper Control cable (12 core 2.5 sq. mm armoured)	5		
13	463	<b>30V-100AH Lead Acid Battery (Nos.)</b>	40	1000/-	06.08.2010
14	464	<b>30 Volts-10 AMP Battery Charger (Nos.)</b>	40	1000/-	06.08.2010
15	465	<b>Double compartment standard HT meter boxes</b>	500	1000/-	06.08.2010

**Note:- 1. The detailed NIT, Qualifying criteria along with technical specification is available on our website - [www.mppkvvcl.org](http://www.mppkvvcl.org). The tender documents must be purchased from the Chief Engineer (Corporate Office), O/o CMD (WZ), M.P.P.K.V.V.Co.Ltd., G.P.H. Compound, Polo-ground, Indore from dated 15.07.10, on payment of non refundable tender fees as specified against the respective tenders, between 11.00 Hrs. to 17.00 hrs on all working days. The payment towards EMD / Cost of Bidding Document shall be made by crossed Demand Draft in favors of M.P.P.K.V.V.Co.Ltd., Indore payable at Indore. Cheque / Cash / Postal orders will not be accepted. The last date of selling of tender documents shall be 12:00 Noon on due date of opening of respective tenders Further, if required by Post Rs. 300/- for Sr. no. 1 to 11 and Rs. 100/- for 12 to 15 shall be payable extra 2. **The tender document downloaded from website will not be entertained. In case of any ambiguity, the terms & condition mentioned in the tender document will be final.****

[www.mppkvvcl.org](http://www.mppkvvcl.org)

//Save Electricity//

Chief Engineer (Corp. Office)

**EXTANTION OF DUE DATE**

The due date of submission of tender specification No. 450 for supply and installation of 14 No. ACs issued vide NIT No. CMD/WZ/06/Pur/10608 dated 11.06.2010 due on 05.07.2010 is hereby extended up to 20.07.2010. The other terms & conditions will remain unchanged.

**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010****SUPPLY OF 11 KV & 33 KV Isolators**

**M.P. PASCHIM KSHETRA VIDYUT VITARAN CO. LTD.,**

(EPABX Ph. No: 0731-2422045, 2423263, 2422544, Extn. 144, 205 &amp; 303 Fax No: 2423300)

No.CMD/WZ/06/PUR/ 12246

Indore dated: 06/ 07/ 10

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Sr. No.	T.S. No. CMD / WZ / 06 / PUR /	Name of Item / work	Tender Fee (Rs.)	Last date for submission up to 3:00 PM & opening at 3:30 PM
1	451	PVC Cable, 1100 Volts Gr Armored Aluminum Cable of assorted ratings	10000/-	02.08.10
2	452	LT Aerial Bunched Cable of assorted ratings	10000/-	
3	453	1100V,Single Core XLPE/PVC insulated Un-Armored Aluminum Conductor Cable of assorted ratings	5000/-	
4	454	33 KV & 11 KV Isolator	5000/-	03.08.10
5	455	11 KV Aerial Bunched Cable of assorted ratings	5000/-	
6	456	33 KV & 11 KV Current transformer & Potential transformer of assorted ratings	5000/-	04.08.10
7	457	33 KV & 11 KV AB Switch	2000/-	
8	458	33 KV & 11 KV Lightning Arrestor	2000/-	
9	459	33 KV & 11 KV Control & Relay Panel	2000/-	05.08.10
10	460	HT Meter Testing Equipments	2000/-	
11	461	33 KV & 11 KV XLPE cable of assorted ratings	2000/-	06.08.10
12	462	Copper Control cable of assorted ratings	1000/-	
13	463	30V-100AH Lead Acid Battery	1000/-	
14	464	30 Volts-10 AMP Battery Charger (Nos.)	1000/-	06.08.10
15	465	Double compartment standard HT meter boxes	1000/-	

Note: - 1.The detailed NIT, Qualifying criteria along with technical specification is available on our website – [www.mppkvvcl.org](http://www.mppkvvcl.org). **The tender documents must be purchased from the Chief Engineer (Corporate Office), O/o CMD (WZ), M.P.P.K.V.V.Co.Ltd., G.P.H. Compound, Polo-ground, Indore from dated 15.07.10, on payment of non refundable tender fees as specified against the respective tenders, between 11.00 Hrs. to 17.00 hrs on all working days. The payment towards EMD / Cost of Bidding Document shall be made by crossed Demand Draft in favors of M.P.P.K.V.V.Co.Ltd., Indore payable at Indore. Cheque / Cash / Postal orders will not be accepted. The last date of selling of tender documents shall be 12:00 Noon on due date of opening of respective tenders. 2. The tender document downloaded from website will not be entertained. In case of any ambiguity, the terms & condition mentioned in the tender document will be final.**

[www.mppkvvcl.org](http://www.mppkvvcl.org)

//Save Electricity//

Chief Engineer (Corp. Office)

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**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010****SUPPLY OF 11 KV & 33 KV Isolators**

**OFFICE OF THE CMD (WEST ZONE) M.P.P.K.V.V.C.L.  
G.P.H. COMPOUND POLOGROUND INDORE**

Postal Order/Demand Draft No.....

Tender issued to M/s .....  
.....

**TENDER FORM**

The undersigned hereby tender and offer, the **M.P. Paschim Kshetra Vidyut Vitaran Company Ltd., Indore** to supply the plant, machinery and materials; and execute/do several works and things, which are described or referred to at various places in the tender document no. CMD/WZ/06/PUR/454 dated 06.07.2010; which, under the terms thereof are to be supplied, executed and done by the contractor; and to perform and observe the provisions and agreements or the part of the contract contained in, or which can be reasonably inferred from the said tender documents, for the sums and at the rates set out in Schedule –I annexed here to.

The information desired in the Schedules enclosed with this tender document has been fully furnished (if the desired information is not submitted, 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).

We have examined in detail and have understood and agree to abide by all the terms and conditions stipulated in the tender document and in any subsequent communication from MPPKVVCL in this regard (if any). Our technical proposal is consistent with all the requirements of submission as stated in the tender document or in any of the subsequent communication from MPPKVVCL in this regard (if any).

We hereby undertake that the information submitted in our offer is complete and correct to the best of our knowledge and belief. We would be solely responsible for any errors or omissions in our offer. We agree that, in case of any ambiguity/ incompleteness found in the information furnished by us in the offer, same shall be interpreted by MPPKVVCL to its advantage. We agree to abide by all your tender / order terms and conditions.

Date the Day of.....

BIDDER'S SIGNATURE  
(With Seal)

Bidders Address: - .....  
.....  
.....

**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010**  
**SUPPLY OF 11 KV & 33 KV Isolators**

**Section I: Qualifying Criterion**

**1. General:**

The Bidding is open for manufactures or Authorized dealers of manufacturer only, who provide satisfactory evidence that -

- (i) They are qualified manufactures or authorized dealer of manufacturer who regularly manufacture / supply the equipments / materials of the type specified; and have adequate technical knowledge and practical experience in manufacture/ supply of the equipments / materials of the type specified.
- (ii) They do not anticipate change in the ownership during the proposed period of contract, (if such a change is anticipated, the scope and effect thereof shall be defined).

**2. Financial:**

- (i) Bidder must have adequate financial stability and status to meet the financial obligations pursuant to the scope of the assignments. (The Bidders should submit copies of their profit and loss account and balance sheet for the last two financial years, duly audited wherever applicable, for ascertainment of the same).

**3. Technical:**

- (i) The bidder (if he is a manufacturer) or his principal (if bidder is an authorised dealer of principal manufacturer) must have-
  - a. Adequate plant and manufacturing capacity available to perform the assignment properly and expeditiously within the time period specified. The bidder shall have to submit adequate evidence in this regard, which shall consist of written details of the installed manufacturing capacities and present commitments (excluding the assignment under this specification) of the bidder or his principal. If the present commitments are such that the installed capacity results in adequacy of the manufacturing capacities to meet the requirement of equipment / material corresponding to this bid, then the details of alternative arrangements to be organized by the Bidder for this purpose shall also be furnished.
  - b. Established quality assurance system and organizations designed to achieve high level of quality equipment and reliability during their manufacturing activities.
  - c. **Type Test**  
The offered material / item should be type tested as per specification from NABL Accredited Testing Laboratory. The type test report should not be older than 5 years as on date of tender opening. The copy of type test report along with the approved drawing of offered material / item from NABL lab must be furnished along with offer. In the absence of the type test reports or type test reports found more than 5 years old, the offer shall be out rightly rejected. Similarly, type test reports of laboratories, other than NABL accredited, shall not be acceptable.

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**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010**  
**SUPPLY OF 11 KV & 33 KV Isolators**

## **Section II: Special Terms and Conditions of purchase**

### **1. TERMS OF PAYMENT & PAYMENT PROCEDURE**

- (i) Subject to completion of all contractual formalities, 100% payment will be made on assured basis within 45 days, after acceptance of material at Stores in good condition. However, the M.P.P.K.V.V. Co. Ltd, Indore shall not be liable for any interest due to delay in payment. The term 'Acceptance' shall mean as defined in clause "**Testing & Acceptance of Material**", detailed in this section.
- (ii) The supplier shall forward the original RR/MTR and Excise gate pass directly to consignee along with copies of following documents: -
  - a) A copy of bill
  - b) Delivery Challan
  - c) Original copy of excise duty gate pass along with a photocopy
  - d) The inspection and or T.C. approval
  - e) Detailed packing list, if required.
- (iii) The original bills should be forwarded to the paying authority (RAOs) and should be marked "**ORIGINAL**". The bill should indicate Tax Registration Number and date allotted to him under CST Act/ ST/ VAT Act.
- (iv) The following documents will have to be forwarded to the paying authority along with bills in triplicate: -
  - a) Bill/ Invoice.
  - b) Xerox copy of despatch documents i.e. RR/ MTR etc.
  - c) Dispatch clearance / instructions.
  - d) Photocopy of Excise Duty gate-pass.
- (v) The material Receipt Certificate will be forwarded by the consignee to the paying authority for payment, as well as to the suppliers towards acknowledgement of receipt of material including part consignment to the extent it is received in good condition and is serviceable.
- (vi) For payment, the invoice in triplicate with relevant documents such as Material Receipt in good condition etc. should be submitted to the concern Regional Account Officer for the quantities supplied in respective Area stores.

### **2. DELIVERY**

- (i) The delivery shall commence within 30 days from the date of placement of order and to be completed within 3 months from the date of placement of order.
- (ii) The material should be delivered to the consignees within 21 days from the date of issue of despatch instructions/clearances. Any delay in delivery beyond this period shall attract penalty, even if the delivery period exists.
- (iii) Deferment of deliveries: - Company reserves the right to defer or reschedule the delivery. However no variation in price and any other statutory levies will be payable as applicable.

### **3. PERFORMANCE GAURANTEE**

- (i) If during the course of 12 Months subsequent to the date of receipt of consignment, any of the goods found to be defective in materials or workmanship or develops defects during service, they will have to be replaced by the supplier, free of all charges. All necessary arrangement on these accounts will be made by the suppliers.
- (ii) The said material, if required to be replaced, shall be collected by the supplier/firm from Area Stores/ work side at their own cost and at their own responsibility. These material will like-wise be returned duly repaired/replaced and tested subsequently by the supplier to the destination indicated, on "Freight paid basis" at their cost within a period of 30 days from the date if intimation. The guarantee period as stipulated in sub-clause (i) above shall also be applicable for repaired/ replaced material, which shall however be counted afresh from the date of its delivery in our stores/at site.
- (iii) Further, it is clarified that all the charges towards carrying out repairs including packing /forwarding loading/unloading shall be borne by the supplier. The amount deposited under security deposit clause shall also cover the performance guarantee of the material.

- (iv) All equipment/line materials reported failed within specified guarantee period shall be replaced free of cost by the supplier/manufacturer concerned.
- (v) Actual cost of dismantling and replacement of these equipments /materials with the new ones, shall be charged to the supplier's account.
- (vi) To and fro transportation cost of such failed equipment shall also be borne by the supplier.
- (vii) In the event of the supplier's inability to adhere to the aforesaid provisions, suitable penal action will be taken against them, which may, inter-alia, include black-listing of the firm for future business with the Company for a certain period.

**4. TYPE TEST**

The offered material / item should be type tested as per specification from NABL Accredited Testing Laboratory. The type test report should not be older than 5 years as on date of tender opening. The copy of type test report along with the approved drawing of offered material / item from NABL lab must be furnished along with offer. In the absence of the type test reports or type test reports found more than 5 years old, the offer shall be out rightly rejected. Similarly, type test reports of laboratories, other than NABL accredited, shall not be acceptable.

**5. TOLERANCE IN THE SUPPLIED QUANTITY**

A tolerance in the supplied quantity will be allowed to the extent of  $\pm 2\%$  (plus/ minus 2 %) of the ordered quantity. MRCs shall be issued for actual receipt of quantity only.

**6. ISSUANCE OF "C" FORM**

Intended procurement is entitled for CST at concessional rates. As such, necessary declaration form for availing concessional CST, shall be furnished after receipt of material at destination and verification of the legal position at our end.

**7. PERMANENT SECURITY DEPOSIT**

Facility of Permanent Security Deposit can NOT be availed by the vendor for this tender, (even if mentioned in Section V - General Terms and Conditions of Purchase).

**8. CONFLICTING INTEREST**

"No two or more concerns in which an individual is entrusted as a proprietor and / or partner shall tender for the execution of the same work. If they do so, all such tender shall be liable to be rejected".

**9. Bidders are also advised to furnish following documents: -**

- a) Permanent Account Numbers (PAN) of all the partners/Directors (in case of company) along with names, addresses and telephone Nos./ Mobile Nos. of each Partner/Director.
- b) Latest partnership/ownership deed of the firm quoting the tender.
- c) Copy of list of directors (in case of a company) with names, addresses and telephone Nos./Mobile Nos. of each director.
- d) Power of Attorney to sign the tender documents and all correspondence before and after placement of order.

**10. All the terms and conditions and technical specifications mentioned in the tender document purchased from the Addl. Chief Engineer (Purchase) O/o CMD (WZ) MPPKVVCL, GPH Compound Pologround, Indore shall only be applicable. As such, in case if it is down loaded from Web Site, it should be invariable verified by the bidder from the tender document purchased.**

11. **TESTING AND ACCEPTANCE OF MATERIAL:-**

- A. **Collection of sample for testing:-**The sample from each lot of material received at the respective Area Stores of the Company will be collected in accordance with the relevant **IS specifications**. The representative of the bidder may be present during collection of samples.
- B. **Testing: -** The sample collected at the area stores will be forwarded to a laboratory, specified as under, for testing.
- C. **Laboratory for testing of material:-** Only the laboratory having accreditation from NABL shall mean a Laboratory for this purpose under this clause.
- D. **Selection of Laboratory:-** The Company will have the sole discretion to select a NABL accredited Laboratory for this purpose.
- E. **Testing fees:-** The bidder shall reimburse the cost of testing fees of the NABL accredited laboratories to the Company by way of deduction from their bills.
- F. **Acceptance of Material:-** The test report of samples, collected pursuant to clause A of this section in accordance with clause B to D above, indicating the sample to be in conformity to the specification will be considered as acceptance of material received by the consignee .
- G. **Status of other test reports :-** Notwithstanding any confirmatory report issued by the officers of the company and or by the agency appointed by the company in this regard, at any stage prior to collection of samples as specified above at “A”, the test report as mentioned above at F will be the sole criterion for acceptance of material .

-Sd-  
Chief Engineer (Corporate Office)  
O/o. CMD (WZ) MPPKVCL,  
Indore

## Section III: Technical Specifications

### 11 KV AND 33 KV ISOLATORS

(1) SCOPE

This specification provides for design, manufacture, testing at manufactures works, delivery of outdoor station type 11KV and 33KV (Local) manual operating mechanism isolating without earthing blades and complete in all respect with bi-metallic connectors. Operating mechanism, fixing details etc. shall be as described herein.

(2) PARTICULARS OF THE SYSTEM

The isolators to be provided under this specification are intended to be used on 3 phase A.C. 50 cycles, effectively grounded system. The nominal system voltages are 11 kV & 33 kV respectively.

(3) STANDARD

The Isolator shall comply in all respects with IS: 9921 or IEC Publication No.: 129. Equipment meeting any other authoritative standard which ensures an equal or better quality than the standard mentioned above will also be accepted.

(4) TYPE & RATING

Isolators shall have three posts per phase, triple pole single throw, gang operated outdoor type silver plated contacts with horizontal operating blade and isolators posts arranged vertically. The isolators will be double break type. Rotating blade feature with pressure relieving contacts is necessary i.e. the isolator shall be described in detail along-with the offer. However, the design of turn & twist arrangement shall be subject to owner's approval. (Banging type feature is not acceptable). All isolators shall operate through 90 degree from their fully closed position to fully open position, so that the break is distinct and clearly visible from the ground level.

The equipment offered by the tenderer shall be designed for a normal current rating of 600 A for 11 KV & 600 A for 33 KV suitable for continuous service at the system voltage specified herein. The isolators are not required to operate under load but they must be called upon to handle magnetization currents of the power transformers and capacitive currents of bushings, bus-bars connections, very short lengths of cables and current of voltage transformers.

The rated insulation strength of the equipment shall not be lower than the levels specified in IS 9921 JEC publication No. 129, which are reproduced below

<u>Standard declared voltage kv/rms</u>	<u>Rated voltage of the Isolator</u>	<u>Standard withstand positive kV (peak)</u>	<u>Impulse Voltage polarity</u>	<u>One minute power frequency withstand voltage KV (RMS)</u>	
				<u>Across the isolating distance</u>	<u>To earth and between poles</u>
<u>11 KV</u>	<u>12</u>	<u>85</u>	<u>75</u>	<u>45</u>	<u>35</u>
<u>33 KV</u>	<u>36</u>	<u>195</u>	<u>170</u>	<u>100</u>	<u>75</u>

**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010**

**SUPPLY OF 11 KV & 33 KV Isolators**

The 11 KV and 33 KV isolators are required with post insulators but without mounting structures. The isolators should be suitable for mounting on the MPPKVCL Indores standard structures. The isolators shall be supplied with base channels along with fixing nuts, bolts and washers for mounting on the structured.

(5) TEMPRATURE RISE

The maximum temperature attained by any part of the equipment when in service at site under continues full load conditions and exposed to the direct rays of Sun shall not exceed 45 degree centigrade above ambient temperature.

(6) ISOLATOR INSULATION

Isolation to ground, insulation between open contacts and the insulation between phases of the completely assembled isolating switches shall be capable of withstanding the dielectric test voltage specified above.

(7) MAIN CONTACTS

All isolators shall have heavy duty self aligning and high pressure line type fixed contacts of modern design and made of hard drawn electrolytic copper. The fixed contact should be of reverse loop type. The various parts shall be accordingly finished to ensure interchangeability of similar components.

(8) The fingers of fixed contacts shall be preferably in two pieces and each shall form the reverse loops to hold fixed contacts. The fixed contacts would be placed in 'c' clamp. The thickness of 'C' clamp shall be adequate. This channel shall be placed on a channel of adequate thickness. This channel shall be welded on an insulator mounting plate of 8mm thickness. The spring of fixed contact shall have housing to hold in place. This spring shall be made of stainless steel with adequate thickness. The pad for connection of terminal connector shall be of aluminum with thickness not less than 12 mm.

The switch blades forming the moving contacts shall be made from tubular section of hard drawn electrolytic copper having outer dia not less then 38 mm and thickness 3 mm. These contacts shall be liberally dimensioned so as to withstand safely the highest short circuit and over voltage that may be encountered during service. The surfaces of the contacts shall be rendered smooth and silver plated. The thickness of silver plating shall not be less than 15 microns for 11 KV and 25 microns for 33 KV. In nut shell, the male and female contact assemblies shall be of robust construction and design of these assemblies shall ensure the same.

1. Electro-dynamic withstands ability during short circuit without any risk of repulsion of contacts.
2. The current density in the copper parts shall not be less than 2 Amp/sq.mm and aluminium parts shall be less than 1 Amp/sq.mm.
3. Thermal withstand ability during short circuit.
4. Constant contact pressure even when the live parts of the insulator stacks are subjected to tensile stresses due to linear expansion of connected bus bar of flexible conductors either because of temperature verification or strong winds.
5. Wiping action during closing and opening.
6. Self alignment assuring closing of the switch without minute adjustment.

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The earthing switch should be provided with three sets of suitable type of fixed contacts below the fixed contacts assemblies of the main switch on the incoming supply side and the sets of moving contacts having ganged operation. These contacts shall be fabricated out of electrolytic copper for 33 KV isolators without earth switch and designed to withstand current on the line.

Arcing contacts / Horn: Arcing contacts are not required.  
Auxiliary switches : Auxiliary switches are not required.

(9) CONNECTORS

The connectors for 11KV isolator shall be made of Aluminium alloy LM-9 or LM-25 and shall be suitable for AAA RABBIT / RACOON / DOG Conductors for 11KV and 33 KV with horizontal and vertical take off arrangement. The details in regard to dimensions, the number of bolts to be provided, material and manufacture shall be furnished by the bidder for purchase approval before manufacturing. The groove provided in the connection should be able to accommodate conductor size mentioned above smoothly.

The design of clamps shall be to purchase approval. The clamps to be offered should be manufactured by gravity die-casting method only and not by sand casting process. It is necessary that suitable clamps are offered along with the isolator and also it is obligatory to give complete technical particular of clamps along with the drawing, as per details given above and also as per following detail.

1. The terminal connector shall be manufactured and tested as per IS: 5561.
2. All castings shall be free from blow holes, surface blisters, cracks and cavities.
3. All the sharp edges shall be blurred and rounded off.
4. No part of the clamp shall be less than 12 mm thick.
5. All current carrying parts shall be designed and manufactured to have minimum contact resistance.
6. Connectors shall be designed to be corona free in accordance with the requirement of IS: 5561.
7. All nuts and bolts shall be made of stainless steel only. Bimetallic sleeve/liner shall be 2 mm thick

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Wherever necessary, bi-metallic strip of standard quality and adequate dimension shall be used.

(10) POST INSULATOR

11KV / 33KV insulators shall be of reputed make subject to owner approval. The post insulators for the above 11 KV isolators shall comprise of three numbers 11 KV insulators per stack and 9 such stack shall be supplied with each isolator. Similarly, for 33 KV isolators, two numbers 33 KV insulators per stack and 6 stacks shall be supplied with each isolator. The insulator stack shall conform to the latest applicable Indian or IEC standard and in particulars to the IS: 2544 specification for porcelain post insulators. The porcelain used for manufactures of insulators shall be homogeneous, free from flaws or imperfections that might affect the mechanical or dielectric quality, and they shall be thoroughly vitrified, tough and impervious to moisture. The glazing of the porcelain shall be uniform brown colour, free from glisters, burns and other similar defects. Insulators of the same rating and type shall be interchangeable.

The porcelain and metal parts should be assembled in such a manner that any thermal expansion differential between the metal and the porcelain parts throughout the range of temperature variation shall not loosen the parts or create undue internal stresses which

may affect the electrical or mechanical strength and rigidity. Each cap and base shall be of high-grade cast steel or malleable steel casting and they shall be machine faced and smoothly galvanised. The cap and base of the insulators shall be interchangeable with each other.

The tenderers shall in variably enclose with the offer, the type test certificate from NABL accredited testing laboratory and other relevant technical guaranteed particulars of insulators offered by them. Please note that isolators without type test certificates will not be accepted.

Each 11KV / 33KV Post Insulators used in the isolators should have technical particulars as detailed below:-

	11KV	33KV
1. Nominal system voltage KV (rms)	11	33
2. Highest system voltage KV (rms)	12	36
3. Dry P.F. One minute with stand KV (rms)	35	75
4. Wet PF one minute withstand KV (rms)	35	75
5. P.F. Puncture withstand test voltage KV	1.3 time the actual dry flash over voltage of the unit.	
6. Impulse voltage withstand test KV (peak)	75	170
7. Visible discharge test KV voltage	9	27
8. Creep age distance mm (min)	320	580
9. Tensile strength in KN	10KN	16KN

For 33 KV Isolators: In place of 33 KV Post Insulator the composition of 2 units of 22KV Post Insulators per stack complying the following parameters are acceptable:-

(a) Nominal system voltage	:	33 KV
(b) Highest system voltage	:	36 KV
(c) Impulse voltage withstand	:	170 KV
(d) Power frequency wet withstand voltage	:	75 KV
(e) Height of stack	:	500 mm
(f) Creepage distance (Minimum)	:	840 mm
(g) Tensile Strength	:	30KN
(h) Bending strength	:	4.5KN

Operating Mechanism for 11KV / 33KV Isolators:-

All Isolators and earthing switches shall have separate dependent manual operation. The Isolator should be provided with padlocking arrangements for locking in both end position to avoid unintentional operation. For this purpose Godrej make 5 lever brass padlocks having high neck with three keys shall be provided. The isolating distances should be visible for isolators.

The Isolators and Isolators with earth switch inclusive of their operating mechanism should be such that they cannot come out of their open or close position by gravity wind pressure, vibrations reasonable shocks or accidental touching of connecting rods of the operating mechanism. Isolators should be capable of resisting in closed position, the dynamic and thermal effects of maximum possible short circuit current at the installation point. They shall be so constructed that they do not open under the influence of the short circuit current. The operating mechanism should be of robust construction and easy to operate by a single person and conveniently located for local operation in the switchyard. Provision for earthing of operating handle by means of 8 SWG GS wire must be made.

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(11) PIPES

Tandem pipes operating handle shall be class B ISI marked type having atleast 24mm internal diameter for 11KV/33KV isolator. The operating pipe shall also be class B ISI marked with internal diameter of atleast 32 mm and 38 mm for 11 KV and 33KV isolators respectively. The length of pipe should not be less than 4.6 mtrs for 11 KV and 33 KV isolator.

The pipe shall be terminated in to suitable universal type joints between the insulator bottom bearing and operating mechanism.

(12) BASE CHANNEL

The Isolator shall be mounted on base fabricated from steel channel section of adequate size not less than ISMC 75 x 40 mm for 11KV and ISMC 100 x 50 mm for 33KV

To withstand total weight of isolator and insulator and also all the forces that may encounter by the isolator during services, suitable holes shall be provided on this base channel to facilitates it's mounting on our standard structures. The steel channel in each phase shall be mounted in vertical position and over it two mounting plates atleast 8mm thick with suitable nuts and bolts shall be provided for minor adjustment at site.

(13) CLEARANCES

We have adopted the following minimum clearance for isolators in our system .The bidder should therefore keep the same in view while submitting their offers: -

<u>Description</u>	<u>Center distance between Poles (Center to Center) i.e. Phase to Phase clearance</u>	<u>Distance between center lines of outer posts on same pole</u>
<u>11 KV Isolator</u>	<u>75 Cm</u>	<u>60 Cm</u>
<u>33 KV Isolator</u>	<u>120 Cm</u>	<u>96 Cm</u>

(14) BEARINGS

The design and construction of the various bearings shall embody all the features required to with stand climatic conditions specified, so as to ensure dependable and effective operation even after long periods of inaction of these isolators. Bearing housing should be weather proof. Facilities should be provided for lubrication of bearing.

The bearing housing shall be made of cast iron with smooth surface suitably machined for sealing the bearings. Each bearing assembly shall have two nos bearing (one for sealed roller thrust bearing and one no sealed normal bearing ) of adequate shaft diameter. Suitable distance ( 80 mm minimum) between thrust and Ball bearing shall be provided. All other friction locations shall be provided with suitable bearings stainless steel or brass bushes. Complete details / arrangements i.e. that housing details of the bearing provided for reduction of friction etc. should be indicated in the drawing submitted for approval before commencement of supply.

-Sd-

Chief Engineer (Corporate Office)  
O/o. CMD (WZ) MPPKVCL,  
Indore

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**Schedule I: Price and Quantity****(TO BE KEPT IN ENVELOPE PART-III PRICE BID)**

Sr. No.	Particulars of items	Unit	Quantity required (in Sets.)	Quantity offered (in Sets)	Per unit FOR destination FIRM price including ED, CST/VAT, ET & other charges and freight charges, in area store Indore, Barwaha, Ujjain, & Ratlam & (Indicate in fig. and words both). Rs.
1	11 KV Isolators(600A.)	Sets	304		
2	33KV Isolator(600A.)	Sets	186		

<b>Discount if any</b>	
<b>Conditions to avail above discount if any</b>	

**NOTE**

- Discount, if any, must be clearly mentioned above. However, it may be noted that for evaluation purpose, only unconditional discount shall be taken into consideration. Conditional discount of any type, will not be taken into account for evaluation purpose. However, in the event of such an offer, without considering discount, is found to be lowest, the purchaser may avail such discount at the time of award.
- Rates in various tapering steps shall not be considered.
- The offers, with the rates given in any form/Proforma, other than that mentioned above, shall be summarily rejected and shall not be considered, in any case.
- Payment of any type of Govt. statutory levies/ taxes will be responsibility of the bidder.
- The quoted price should be "FIRM" and on F.O.R. destination basis inclusive of all taxes and duties etc.
- The price quoted by bidder must be inclusive of cost of Entry Tax (even if the entry tax is payable by the purchaser).** It may be noted that unless **Entry-Tax-Paid** goods are supplied by the vendor, the amount of Entry Tax at the applicable rates will be deducted by the purchaser from the supply bill of the vendor, and remitted to the tax department under TIN number of the purchaser.

**Signature of Bidder with Seal of Firm :****Place-****Name (in full) :****Date-****Designation :****TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010****SUPPLY OF 11 KV & 33 KV Isolators**

**Schedule II (A): Schedule of Guaranteed Technical Particulars for  
33 & 11 KV ISOLATORS**

(to be submitted by the tenderer)

**11KV ISOLATOR**

No	Particular for	Requirement	To be categorically specified by the tenderer
1.	Type / make	To be indicated	
i	Make		
ii	Type		
2	Maximum permissible continuous service voltage (KV)	12 KV	
3	Clearance in air (minimum)		
a	Between Phases (mm)	750 mm	
b	Between Live Parts & Earth (mm)	508 mm	
4	Distance between centers of outer stacks of insulators (mm)	600 mm	
5	Power Frequency withstand test voltage for completely assembled switches		
a	Against Ground		
i	Dry KV	35 KV	
ii	Wet KV	35 KV	
b	Across Open Contacts		
i	Dry KV	45 KV	
ii	Wet KV	45 KV	
6	Impulse withstand Test voltage of completely assembled isolator switch with 1.2 / 50 micro second impulse wave		
a	Against ground KV (Peak)	75 KVP	
b	Across the open ends of the phase KV (Peak)	85 KVP	
c	Between Phases KV (Peak)	85 KVP	
7	Particulars of the Contact		
a	Type		
i	Fixed Contacts	Pressure relieving reverse loop type contact	
ii	Moving Contacts	Tubler type moving contact	
b	Material	Electrolytic Cu. Strip for fixed contact & Cu. Tube for moving contact	
c	Size		
i	Fixed Contact	25x5 copper strip-2 No.	
ii	Moving Contacts	OD 38xID32 mm copper tube	
d	Current Density (Amps / mm <sup>2</sup> )		
i	Fixed Contacts	2 A	
ii	Moving Contacts	2.0 A	
iii	Current take off assembly	2.0 A	
iv	Aluminium Pad	1.0 A	
e	Surface treatment and thickness of surface coating	Contact area silver plated, thickness 15	

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No	Particular for	Requirement	To be categorically specified by the tenderer
		micron.	
f	Contact Area	500 Sqmm	
g	Contact Pressure	Adequate	
h	Contact support of fixed Contact	MS Flat (HDG)	
8	Current density at the minimum cross section of switch blade (Amp / Sq.mm.)	2 Amp/Sqmm	
9	Continuous Current Rating (Amp.)	600 Amps	
10	Short Time Current Rating KA (rms)		
a	For 1 sec. (KA rms)	-	
b	For 3 sec. (KA rms)	25 KA for 3 Second	
11	Rated peak short Circuit Current KA (peak)	62 KA Peak	
12	Momentary Current KA (rms)	25 KA	
13	Temperature Rise Corresponding to		
a	Maximum continuous rated current rated at 50°C ambient	Within limit of IS	
b	Short time Current Rating		
i	For 1 Sec. (°C)	As per IS	
ii	For 3 Sec. (°C)	As per IS	
14	Maximum Transformer magnetizing breaking current which can be safely interrupted by the switch	0.7 Amps at 0.15 PF	
15	Maximum current that can be safely interrupted between equipment bus bars	800 Amps	
16	Maximum capacity current which can be safely interrupted by the isolator	800 Amps	
17	Number of times isolator can be operated without any need for inspection	1000 Nos.	
18	No. of operation which the switch can withstand without deterioration of contacts	1000 Nos.	
19	No. of Break per Phase	Two break per phase	
20	Terminal Connectors		
a	Clamp Body alloy composition	Aluminium alloy	
b	Bolts & Nuts size, material & tensile strength	MS Electroplated standard	
c	Type of Washers used	Spring washer & plain washer	
d	Temperature rise when carrying rated current at 50°C ambient (deg. C)	As per IS	
e	Weight of each type of Clamp (Kg.)	To be indicated	
f	Design of Clamp	Suitable for Dog –AAA conductor	
21	Nuts and Bolts		
a	Size, material and grade in current carrying path	3/8, 1/4" size MS Electroplated	
b	Size, material & grade in other parts	3/8, 1/4" size M-12, MS Electroplated	

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**SUPPLY OF 11 KV & 33 KV Isolators**

No	Particular for	Requirement	To be categorically specified by the tenderer
22	Material and size of plate provided below & on top of insulators	MS Plate 8 mm thick on top of Insulator and 75x40 channel provided below insulator	
23	Bearings		
a	Material & Size of Bearing	To be indicated	
b	No. of bearings (location & size)	2 Nos. Bearing at center post rotating	
c	Type of bearing	Ball Bearing	
d	Shaft dia of bearing	To be indicated by supplier	
e	Distance between two bearing	To be indicated by supplier	
24	Tandem Pipe		
a	Size, Class & No. of Pipe	1" GI Pipe, B-class 1 No. For isolator	
b	No. of Bearing / Bush	As per IS	
25	Down pipe size and class	<1" GI pipe B-Class	
26	Type of Universal joints		
	(a) Between bearing and down pipe	Swivel Joint ( Universal Joint)	
	(b) Between down pipe and operating mechanism	To be indicated	
27	Safety factor taken into account while designing the isolator	1	
28	Weight of one three pole isolating switch (Kg)	To be indicated	
29	Torque required to open the switch	20 KGm(Approx)	
30	Particulars of post insulator		
	a) Make	To be indicated	
	b) Type	Post type insulator	
	c) Tensile Strength	10 KN	
	d) Weight	5 Kg.	
	e) Nos. of units per stack	2 Nos.	
	f) Diameter of stack in mm	160 mm	
	g) Height of stack in mm	254 mm	
	h) Creepage distance in mm (min. 320 mm)	320 mm	
	i) Nominal system voltage	11 KV	
	j) Highest system voltage	12 KV	
	k) Visible discharge voltage	9 KV	
	l) One minute dry withstand voltage KV (rms)	35 KV rms	
	m) Power frequency flash over voltage KV	80 KV rms	
	n) Impulse flash over voltage KV (peak)	105 KV	

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No	Particular for	Requirement	To be categorically specified by the tenderer
	o) Impulse withstand voltage KV (peak)	75 KV	
	p) Puncture voltage KV	1.3 times the actual dry flash over voltage of the unit	

**33KV ISOLATOR**

No	Particular	Requirement	To be categorically specified by the tenderer
1.	Type/ make	To be indicated	
i	Make	To be indicated	
ii	Type		
2	Maximum permissible continuous service voltage (KV)	36 KV	
3	Clearance in air (minimum)		
a	Between Phases (mm)	1200 mm	
b	Between Live Parts & Earth (mm)	508 mm	
4	Distance between centers of outer stacks of insulators (mm)	960 mm	
5	Power Frequency withstand test voltage for completely assembled switches		
a	Against Ground		
i	Dry KV	75 KV	
ii	Wet KV	75 KV	
b	Across Open Contacts		
i	Dry KV	100 KV	
ii	Wet KV	100 KV	
6	Impulse withstand Test voltage of completely assembled isolator switch with 1.2 / 50 micro second impulse wave		
a	Against ground KV (Peak)	170 KVP	
b	Across the open ends of the phase KV (Peak)	195 KVP	
c	Between Phases KV (Peak)	195 KVP	
7	Particulars of the Contact		
a	Type		
i	Fixed Contacts	Pressure relieving reverse loop type contact	
ii	Moving Contacts	Tubler type moving contact	
b	Material	Electrolytic Cu. Strip for fixed contact & Cu. Tube for moving contact	
c	Size		
i	Fixed Contact	25x5 copper strip-2 No.	
ii	Moving Contacts	OD 38xID32 mm copper tube	
d	Current Density (Amps / mm <sup>2</sup> )		
i	Fixed Contacts	1.6 A	

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**SUPPLY OF 11 KV & 33 KV Isolators**

No	Particular	Requirement	To be categorically specified by the tenderer
ii	Moving Contacts	2.0 A	
iii	Current take off assembly	2.0 A	
iv	Aluminium Pad	1.0 A	
e	Surface treatment and thickness of surface coating	Contact area silver plated, thickness 25 micron.	
f	Contact Area	500 Sqmm	
g	Contact Pressure	Adequate	
h	Contact support of fixed Contact	MS Flat (HDG)	
8	Current density at the minimum cross section of switch blade (Amp / Sq.mm.)	2 Amp/Sqmm	
9	Continuous Current Rating (Amp.)	600 Amps	
10	Short Time Current Rating KA (rms)		
a	For 1 sec. (KA rms)	-	
b	For 3 sec. (KA rms)	25 KA for 3 Second	
11	Rated peak short Circuit Current KA (peak)	62 KA Peak	
12	Momentary Current KA (rms)	25 KA	
13	Temperature Rise Corresponding to		
a	Maximum continuous rated current rated at 50°C ambient	Within limit of IS	
b	Short time Current Rating		
i	For 1 Sec. (°C)	As per IS	
ii	For 3 Sec. (°C)	As per IS	
14	Maximum Transformer magnetizing breaking current which can be safely interrupted by the switch	0.7 Amps at 0.15 PF	
15	Maximum current that can be safely interrupted between equipment bus bars	800 Amps	
16	Maximum capacity current which can be safely interrupted by the isolator	800 Amps	
17	Number of times isolator can be operated without any need for inspection	1000 Nos.	
18	No. of operation which the switch can withstand without deterioration of contacts	1000 Nos.	
19	No. of Break per Phase	Two break per phase	
20	Terminal Connectors		
a	Clamp Body alloy composition	Aluminium alloy	
b	Bolts & Nuts size, material & tensile strength	MS Electroplated standard	
c	Type of Washers used	Spring washer & plain washer	
d	Temperature rise when carrying rated current at 50°C ambient (deg. C)	As per IS	
e	Weight of each type of Clamp (Kg.)	To be indicated	
f	Design of Clamp	Suitable for Dog -AAA conductor	

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No	Particular	Requirement	To be categorically specified by the tenderer
21	Nuts and Bolts		
a	Size, material and grade in current carrying path	3/8, 1/4" size MS Electroplated	
b	Size, material & grade in other parts	3/8, 1/4" size M-12, MS Electroplated	
22	Material and size of plate provided below & on top of insulators	MS Plate 8 mm thick on top of Insulator and 100x50 channel provided below insulator	
23	Bearings		
a	Material & Size of Bearing	To be indicated	
b	No. of bearings (location & size)	2 Nos. Bearing at center post rotating	
c	Type of bearing	Ball Bearing	
d	Shaft dia of bearing	To be indicated by supplier	
e	Distance between two bearing	To be indicated by supplier	
24	Tandem Pipe		
a	Size, Class & No. of Pipe	1" GI Pipe, B-class 1 No. For isolator and one no. For earth switch	
b	No. of Bearing / Bush	4 no bush to tandem pipe clamp	
25	Down pipe size and class	<1" GI pipe B-Class	
a	Size, Class & No. of Pipe	1" GI Pipe, B-class 1 No. For isolator	
b	No. of Bearing / Bush	As per IS	
25	Down pipe size and class	<1" GI pipe B-Class	
26	Type of Universal joints		
	(a) Between bearing and down pipe	Swivel Joint ( Universal Joint)	
	(b) Between down pipe and operating mechanism	To be indicated	
27	Safety factor taken into account while designing the isolator	1	
28	Weight of one three pole isolating switch (Kg)	To be indicated	
29	Torque required to open the switch	20 KGm(Approx)	

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**SUPPLY OF 11 KV & 33 KV Isolators**

No	Particular	Requirement	To be categorically specified by the tenderer
30	Particulars of post insulator		
	a) Make	To be indicated	
	b) Type	Post type insulator	
	c) Tensile Strength	30 KN	
	d) Weight	15.5 Kg.(approx)	
	e) Nos. of units per stack	2 Nos.	
	f) Diameter of stack in mm	210 mm	
	g) Height of stack in mm	508 mm	
	h) Creepage distance in mm (min. 320 mm)	840 mm	
	i) Nominal system voltage	33KV	
	j) Highest system voltage	35KV	
	k) Visible discharge voltage	9 KV	
	l) One minute dry withstand voltage KV (rms)	75 KV rms	
	m) Power frequency flash over voltage KV	110 KV rms	
	n) Impulse flash over voltage KV (peak)	175 KV	
	o) Impulse withstand voltage KV (peak)	170 KV	
	p) Puncture voltage KV	1.3 times the actual dry flash over voltage of the unit	

**Note: - Post Insulator of following standard make or reputed will be used for manufacture of Isolators.**

- i) M/s Allied Ceramics (P) Limited, Calcutta
- ii) M/s Jayashree Insulators, Rishra.
- iii) M/s Indian Potteries Limited, Calcutta
- iv) M/s Bharat Heavy Electricals, Bangalore.

**SIGNATURE & SEAL OF THE TENDERER**

**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010**  
**SUPPLY OF 11 KV & 33 KV Isolators**

**SCHEDULE – II (B)**

**DECLARATION BY THE TENDERER**

**(To be submitted on non-judicial stamp paper worth Rs.100/-)**

I ..... Sole proprietor / partner of M/s  
..... undertake that I am not interested as a  
proprietor and/or partner in any other firm, participated in the Discom WZ tender  
No. ----- due for opening on ----- for  
procurement of -----.

SIGNATURE OF TENDERER

NAME IN FULL

DESIGNATION/ STATUS IN THE FIRM

COMPANY SEAL

**TS NO. CMD/WZ/06/PUR/454 DUE ON 03.08.2010**  
**SUPPLY OF 11 KV & 33 KV Isolators**

**OFFICE OF THE CMD (WEST ZONE)**  
**M.P. Paschim Kshetra Vidyut Vitaran Co. Ltd.**  
**G.P.H. Compound, Pologround, Indore.**

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**SUPPLY OF 11 KV & 33 KV Isolators**

## Section IV: General Instructions to Bidders

Chief Engineer (Corporate Office), O/o CMD (West Zone), M.P.P.K.V.V.C.L., Indore on behalf of “The Madhya Pradesh Paschim Kshetra Vidyut Vitaran Co. Ltd., Indore” here-in-after referred to as “Company”, will receive sealed tenders/ bids for **supply of materials/ equipments** as per the specifications, at various places of M P Paschim Kshetra Vidut Vitran Co Ltd, Indore.

### 1. GENERAL :-

- (i) The bidders are requested to ensure that they furnish the offer in duplicate and each page of the tender should be signed and duly stamped by the bidder. Any over corrections / overwriting should be signed by the bidder. An offer with corrections / overwriting without signature of the bidder is likely to be rejected
- (ii) The Bidders are requested to ensure that all required schedules duly filled-in, are submitted with the offer. The bidders should also note that in absence of any of the schedules, their offer is likely to be rejected.
- (iii) Transfer of the documents purchased by one bidder to any other bidder is not permissible.
- (iv) The submission of a tender by the bidder implies that he has read and accepted the instructions, conditions of the contract and made himself aware of the scope and specifications of the work to be done/ supplies to be made. The company will not, after acceptance of contract rate, pay extra charges for any reason whatsoever, in case the bidder is found later to have misjudged any condition(s).
- (v) It is necessary to purchase the tender documents from the office of Tender issuing authority. Tender documents downloaded from web-site will not be accepted, as the same are for information / guidance only.

### 2. EARNEST MONEY:-

- (i) Unless EMD amount has been specified in the Notice Inviting Tender (NIT), the Bidder shall deposit the Earnest Money amount vis-à-vis the value of the material offered as shown hereunder. However, in case EMD amount has been specified in NIT, same shall be applicable:-

	Value of Material	Earnest Money
a)	Upto Rs. 10000/-	Rs. 100/-
b)	Above Rs. 10000/- and upto Rs.2.5 Lakhs	@ 1%
c)	Above Rs. 2.5 Lakh and upto Rs. 3.0 Lakhs	Rs. 2,500/-
d)	Above Rs. 3.0 Lakh and upto Rs. 7.0 Lakhs	Rs. 5,000/-
e)	Above Rs. 7.0 Lakh and upto Rs. 15.0 Lakhs	Rs. 7,000/-
f)	Above Rs. 15.0 Lakhs and upto Rs.25.0 Lakhs	Rs. 10,000/-
g)	Above Rs. 25.0 Lakhs and upto Rs. 35.0 Lakhs	Rs. 15,000/-
h)	Above Rs. 35.0 Lakhs and upto Rs. 50.0 Lakhs	Rs. 20,000/-
i)	Above Rs. 50.0 Lakhs and upto Rs. 75.0 Lakhs	Rs. 30,000/-
j)	Above Rs. 75.0 Lakhs and upto Rs. 100.0 Lakhs	Rs. 40,000/-
k)	<b>Above Rs. 100.0 Lakhs</b>	<b>Rs. 50,000/-</b>

- (ii) The bidders are permitted to quote for part quantities and pay earnest money only to the extent of the participation on the basis of slabs specified above. If the earnest money amount is found to be less than required for corresponding value of the materials offered, the offer shall be deemed to be limited to that quantity only. Amount of EMD and method of deposit must be mentioned on the Main Envelope of the bid.
- (iii) **No offer will be accepted without Earnest Money Deposit, unless exempted by the Company.** If on opening of tender any discrepancy in EMD amount is noticed, the tender

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shall be rejected and returned to the bidder. The Earnest Money can be deposited in one of the following forms only:-

- a) In cash, to be deposited with the Senior Accounts Officer, MPPKVVCL, Indore.
  - b) By Bank Draft in favour of Senior Accounts Officer, MPPKVVCL, Indore.
- (iv) **The following are exempted from payment of Earnest Money Deposit:-**
- a) SSI Units of State of Madhya Pradesh permanently registered with DIC/Ancillary Units of MPPKVVCL. **The registration should be permanent and should be specifically for the items quoted in the tender and valid on the date of opening of tender.**
  - b) The **Small Scale Unit permanently registered with NSIC**, whose registration certificate is valid for the item quoted on due date of opening of commercial and technical bid shall be entitled for exemption from EMD. (The renewal / amendment of certificate should not be more than 3 years old from the due date of opening of tender).
  - c) The Medium/Large Scale Manufacturing Units, located in Madhya Pradesh (other than SSI/ Ancillary units to MPPKVVCL and Govt. undertaking) are permitted to furnish the EMD @ 50% (Half) of the rates prescribed above. Here also, permanent registration is a must in respect of specified item against this tender.
  - d) Fully owned State/Central Govt. manufacturing units, if 100% shares are held by the Govt. concerned, for which documentary evidence must be furnished with the offer.
  - e) The photo copy of the NSIC/ SSI Registration Certificate for the tendered items duly attested by GM/Manager of DIC of the area, or an officer of MPPKVVCL not below the rank of EE, or any Gazetted officer not below the rank of Dy. Collector, shall be furnished with the offer. In case of unattested copy, the original certificate should be produced at the time of tender opening for verification.
  - f) All the SSI/ NSIC units should quote/offer the material only to the extent they are registered for respective items with SSI/NSIC organization. The certificate should be valid and duly renewed as the case may be.
- (v) The bidder, who comes under above categories, should furnish documentary evidence with the offer, failing which his offer shall be rejected.
- (vi) In case, the bidder withdraws this offer during the validity period, after placement of order, the **EMD** amount shall be forfeited.
- (vii) No interest shall be paid on EMD amounts
- (viii) **Return of earnest money to bidders.**
- a) EMD shall be returned to the unsuccessful bidders, as soon as possible, after the tender is decided.
  - b) EMD of bidders on whom the orders have been placed, shall be returned on acceptance of security deposit.

**3. TAXES AND DUTIES**

Bidders are requested to refer **Section V - General Terms and Conditions of Purchase**, regarding applicable taxes and statutory levies, and quote the prices accordingly.

**4. DISCOUNT**

Discount, if any, must be clearly mentioned in the **Schedule I – Price Bid**. However, it may be noted that for evaluation purpose, only unconditional discount shall be taken into consideration. Conditional discount of any type, will not be taken into account for evaluation purpose. However, in the event of such an offer, without considering discount, is found to be lowest, the purchaser may avail such discount at the time of award.

**5. AMENDMENT IN SPECIFICATION**

The Company may revise or amend the specification, prior to the date notified for opening of tender. Such revision/amendment, if any, will be communicated to all those who have bought the tender documents as Amendment/Addendum to the invitation of tender.

**6. BIDS RECEIVED BY MESSENGER**

When tenders are delivered by a special messenger, the same should be dropped in the Tender Box, kept in the O/o. Member (Distribution) west zone G.P.H. Compound Pologround, Indore on any working day, between 10-30 hours to 15 hours only. **Nobody is authorized to receive or issue receipt for tender delivered by hand.**

**7. TELEX/TELEGRAPHIC/FAX BIDS**

Telex/Telegraphic/Fax offers will not be considered under any circumstances.

**8. DELAYED/LATE BIDS**

The Company shall not assume any responsibility for any postal delays either for the late receipt of documents by bidders or late receipt of bids by the Company. **No extension in time shall be granted on such grounds.**

**9. ALTERNATIVE BIDS**

Bid should be submitted as per intent of tender documents; any alternative offers are liable to be rejected.

**10. MISTAKES IN BIDS**

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 total price shall be corrected. In case of ambiguity between rates in figures and words, the amount quoted in words would prevail. However, company may, in its sole discretion, take any other interpretation, or reject such offers.

**11. LUMP SUM BASED BIDS**

In case prices for some items or all items are given as a lump sum, instead of unit prices as required in the tender specifications, Company can summarily reject such incomplete tender.

**12. PRINTED TERMS AND CONDITIONS IN BIDS**

Supplier's printed terms and conditions will not be considered as forming part of the tender under any circumstances.

**13. ALTERATION/ CORRECTION IN BIDS**

No alteration/correction in the tender document will be permitted.

**14. INCOMPLETE BIDS**

Tender who is incomplete or obscure is liable for rejection.

**15. ACCEPTANCE OF PART/WHOLE BIDS-RIGHTS THEREOF**

Company reserves the right to accept/reject wholly or partly any tender without assigning any reason whatsoever. The Company in this regard shall not entertain any correspondence.

**16. AMBIGUITIES IN CONDITIONS OF BIDS**

In case of ambiguous or self contradictory terms/conditions mentioned in the bid, interpretation as may be advantageous to the Company may be taken without any reference to the tenders.

**17. DISQUALIFICATION OF BIDS**

A bid which gets opened before the due dates as a result of improper or no indication having been given on the cover to indicate that it is a tender, will be disqualified. Bidders will not be permitted to change the substance of his tender on post interpretation/improper understanding grounds. This includes post tender price changes/modifications etc. after opening of Price Bid. In such events, otherwise, i.e., when a bidder does not comply, tender will be rejected.

**18. LANGUAGE OF BIDS**

All tenders should be made either in English or in Hindi only.

**19. VAT CLEARANCE CERTIFICATE**

The bidder shall furnish VAT Clearance Certificate from competent authority. Alternatively, the bidder shall give reasons for his inability to furnish a certificate. The Company reserves the right to reject any tender if clearance certificate or the reasons for the bidder's inability to furnish such a certificate are not furnished.

**20. INFORMATION & QUESTIONNAIRE SUBMISSION**

Questionnaires for various information to be furnished by bidders are enclosed with the "Tender" as Schedule III Part A, B and C (for general, commercial & technical details). It is compulsory on the part of the bidder to furnish all details as per the Schedules. In case, the same are not filled up and enclosed with the tender, the bid is likely to be rejected.

In addition, a check list is attached (Schedule VI) with the tender document. Bidders are requested to fill it carefully to ensure that there are no shortcomings in the documents being submitted. Duly filled-up checklist may please be submitted with the Part II - Technical & Commercial bid.

**21. DEVIATIONS FROM TERMS/CONDITIONS**

Offers with deviation in the terms of payment, liquidated damages, security deposit and performance guarantee are liable to be rejected outright.

Should the bidder desire to depart from other conditions and/or technical specifications in any respect, he shall draw attention to such deviations as per Schedule V part "A" and "B" stating fully the reasons thereof. Unless this is done, these conditions and specifications will hold good, as acceptable to the bidder.

It may clearly understood that, even if deviations have been mentioned anywhere in the offer, the same shall not be taken in to cognizance unless the same are specifically mentioned in the deviation schedule(s). Deviation Schedules must be duly stamped & signed (even when all terms and condition acceptable).

**22. PAST EXPERIENCE**

Bidders having past experience in manufacture and supply of material should furnish the list of supplies made (along with order copies) during the last 3 years for the materials supplied by them, as per enclosed "Schedule IV". A certificate in this regard from the organization to which supply is made in the past shall have to be furnished along with the offer, failing which the tender may not get any preference for his past experience.

**23. PROCEDURE FOR SUBMISSION OF BIDS:-**

- (i) The bid shall be submitted in three (3) parts:-

**Part-I** shall contain "EARNEST MONEY DEPOSIT or DOCUMENTS WHICH ENTITLE FOR EXEMPTION FROM EMD".

**Part-II** shall contain "COMMERCIAL BID AND THE TECHNICAL BID"

The details about Part I and Part II are discussed in Sections II to VII and Schedules II to VII of the tender documents. Relevant information that the bidders are liable to submit, comprises duly filled-in Questionnaire, all schedules and any other the information that is sought in the tender.

**Part-III** shall contain "PRICE BID", in the price Schedule. The bidder shall ensure that the prices/rates are filled in accordance with the Proforma for "Price and Quantity" **Schedule-I**

- (ii) Tender being submitted must be signed by a person holding a Power of Attorney authorizing him to do so, certified copies of which shall be enclosed.
- (iii) Tender submitted on behalf of companies registered with the Indian Companies Act, for the time being in force, shall be signed by persons duly authorized to submit the Tender on behalf of the Company and shall be accompanied by certified true copies of the resolutions, extracts of Articles of Association, special or general Power of Attorney etc. to show clearly the title, authority and designation of persons signing the Tender on behalf of the Company.
- (iv) All the three parts shall be submitted in three separate sealed envelopes and these envelopes shall be properly super scribed as **Part-I "Earnest Money Deposit"**, **Part-II "Commercial Bid and Technical Bid"** and **Part-III "Price Bid"** Each envelope shall also be super scribed with name of the item and TS number for which the tender is submitted, the name of the said bidder and the date of opening, as advertised. The tender i.e. the three parts shall be submitted each in duplicate.
- (v) **The above three envelopes duly sealed are to be kept again in one envelope called main envelope and sealed.** This envelope should be properly super scribed stating that this envelope contains three separate envelopes for part I "EARNEST MONEY DEPOSIT", Part – II "COMMERCIAL AND TECHNICAL BID" and Part – III "PRICE BID", in addition to tender specification No., name of item and bidder. Details of Earnest Money Deposit, and due date of opening should be super scribed on this common envelope also. Beside this, it shall be certified on the main envelope itself that

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Company's PAYMENT TERMS, PENALTY, SECURITY DEPOSIT, and PERFORMANCE GUARANTEE CLAUSES, as mentioned in tender specification, are acceptable to the bidder. This certification shall be in following manner:-

**Tender Specification No. CMD/WZ/06/Pur/**

**Due For Opening On-**

**For SUPPLY OF**

**This Envelope Contains 3 Separate Envelopes For**

**Part I ..... "Earnest Money Deposit"**

**Part II ..... "Commercial And Technical Bid"**

**Part III ..... "Price Bid"**

**TO,**

**The Chief Engineer (Corporate Office)  
O/O CMD (West Zone), M.P.P.K.V.V. Co. Ltd,  
Industrial Area, GPH Compound,  
Polo Ground, Indore (M.P.) 452 003**

**It Is Certified That We Unconditionally Agreed The Following Clauses Of Tender Specification:-**

- |              |                              |                  |
|--------------|------------------------------|------------------|
| <b>(i)</b>   | <b>PAYMENT TERMS</b>         | <b>: AGREED.</b> |
| <b>(ii)</b>  | <b>SECURITY DEPOSIT</b>      | <b>: AGREED.</b> |
| <b>(iii)</b> | <b>PENALTY</b>               | <b>: AGREED.</b> |
| <b>(iv)</b>  | <b>PERFORMANCE GUARANTEE</b> | <b>: AGREED.</b> |

**EMD has been deposited in the form of -**

**Signature Of Bidder**

**Status And Company's Seal**

- (vi) In absence of such certification on the main envelope itself, the same shall not be opened and the offer shall be rejected.**
- (vii) Even after certification on the body of the main envelope, if any ambiguity is found upon opening of the main envelope or after opening of the Price Bid, the offer shall be rejected.

**24. DATE AND TIME OF OPENING OF BIDS – CHANGES**

- (i) Tender shall be opened on the due date and time as notified in the presence of the bidders or their authorized representatives who may be present.
- (ii) If the due date of opening / submission of tender documents is declared as holiday by Central / State Govt. or local Administration, it will automatically get shifted to the next working day, for which no prior intimation shall be given.
- (iii) The tender opening shall be continued on subsequent day, in case opening of the entire tender is not completed on the day of opening.
- (iv) It may please be noted that the due date / time of opening can be altered, extended, if desired by the purchaser, without assigning any reasons thereof. However, due intimation shall be given / published in News-Paper in such a case.

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**25. OPENING OF EMD AND COMMERCIAL AND TECHNICAL BID**

The first envelope of Earnest Money Deposit shall be opened on the due date and time, as notified in the Notice Inviting Tenders. The requirement for **EMD** shall be verified and thereafter, the second part, i.e. the Commercial and Technical Bid, shall be opened on the same date in respect of eligible bidders.

**26. OPENING OF PRICE BID**

**The price bid shall be opened only after evaluation of technical and commercial bid either on the same date or subsequent date to be notified separately:-**

The offers which are in conformity with important commercial terms and conditions including Payment terms, Penalty, Security Deposit and Performance Guarantee clause of Tender specification and exactly as per our technical specification, shall be eligible for opening of their Price Bid.

**27. CANVASSING OF BIDS**

Tender shall be deemed to be under consideration, after opening of tender/ bid, till placement of order. During this period, the bidders or their authorized representatives or other interested parties are advised strongly, in their own interest, to refrain from contacting by any means any of the Company's personal or Representative, on matters relating to tender under process.

The company desires to deal directly with the manufacturer/bidder, to avoid delay in decision making. It will be in the interest of bidder to avoid liaison agent / commission agent.

**28. DESTINATIONS WHERE MATERIALS ARE REQUIRED**

The materials as per the specifications are required for various Area Stores/ places situated as mentioned in **Section VI**. The prices quoted should be on **Firm & FOR Destination** basis to any of these Area Stores/ places.

**29. VALIDITY OF BIDS**

- (i) The offers shall be **valid for 180 days**. Validity of the offer shall be counted from the date of opening of bids.
- (ii) Those who do not agree for a validity of 180 days will do so at their own risk and their offers are liable to be rejected.
- (iii) However if due to circumstances, beyond control, bidders are advised to extend the validity, but they shall not be permitted to revise their rate, offer any rebate or concession while extending the validity which may materially result in any reduction or increase in the computed price of their original offer.

**30. AUTHORISATION/ LOCAL REPRESENTATIVE**

Only authorized representative, possessing necessary authority letter from the bidder shall be allowed to participate in the tender opening.

**31. ACCEPTANCE OF TENDER**

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

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**32. CHANGE OF QUANTITY**

The quantity indicated in the tender are indicative only. The Purchaser reserves the right to vary the quantities of any or all items as specified in the technical specification/schedules as may be necessary. No correspondence shall be entered into, neither discussed regarding quantity variation, nor any reason will be assigned thereof.

**33. POOL RATES**

“The bidders, specifically the SSI Units of the State, are advised to quote their own individual rates. It may please be noted that if more than one bidder quotes the same rate, suggestive of a cartel, then such offers may not be considered by the Company. It may also please be noted that the competitive rate quoted by each bidder may be one of the main criteria for quantity to be ordered on each successful bidders.”

**34. PRECEDENCE IN INTERPRETATION OF TERMS AND CONDITIONS**

In case of any conflict between **General Terms and Conditions of Purchase** and **Special Terms and Conditions of Purchase**, the Special Terms and Conditions of Purchase would prevail.

**35. ENTRUSTED CONCERNS**

No two or more concerns in which an individual is entrusted as a proprietor and/ or partner shall tender for execution of same work/ supply. If they do so, all such tenders shall be liable to be rejected.

**36. SAMPLE**

If requisitioned / specified in the *Volume I of the tender document*, the Bidders shall have to submit sample of equipments/ goods being supplied. In the absence of the requisitioned/ specified sample(s) the offer is likely to be ignored.

**37. PRICE CONSIDERATION ZONE**

Subject to fulfilling the financial, experience and techno-commercial criteria, the MPPKVVCL reserves the right to distribute the quantities amongst the bidders other than lowest also. While in the normal course counter offer shall be limited to the bidders whose computed FOR rate including taxes, duties and freight, other levies is within the price band of 1.15 times of the lowest acceptable offer on merit basis; the Company also reserves the right to examine and accept the offers beyond above price band on counter offer price basis in case of urgency.

**38. UNSATISFACTORY PERFORMANCE**

Even on fulfilment of all the criteria it may please be noted that:-

- (i) Offers of those bidders who have been debarred/black listed for future business with our company/MPSEB/other Discoms, may be summarily rejected.
- (ii) In case of those bidders whose past performance has not been satisfactory against previous tenders of MPSEB / Companies formed on restructuring of MPSEB, they may not be considered for order. Following shall attribute to poor performance of a bidder:-

- \* Non-execution of previous order(s)/inordinate delay in supply of material.
- \* Failures of material in testing & non-replacement of the same by the supplier.
- \* Failures of material as reported enmasse by the field officers.

-Sd-

Chief Engineer (Corporate Office)  
O/o. CMD (WZ) MPPKVVCL,  
Indore

\* \* \*

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## **Section V: General Terms and Conditions of Purchase**

### **1. PRICES AND STATUTORY LEVIES**

- (i) It is obligatory that FIRM and FOR destination prices are quoted by the bidders for supply of materials/ equipments as per specifications to any of the consignees as listed in Section-VI, inclusive of all taxes, duties levies, VAT, packing, freight, forwarding, insurance etc.
- (ii) The prices shall be quoted exactly as per the price schedule enclosed with the tender specification, including all elements. In absence of this, the offer shall be liable for rejection.
- (iii) All taxes, duties and charge as may be applicable as per law in force, must be included in the quoted price. Any silent charges, even if statutory in nature, shall not be payable extra, in the event of an order.
- (iv) Excise duty, CST/ VAT and any other levy shall not be payable extra, even if it under goes any upward revision during contractual delivery period.
- (v) In case any new tax is made applicable after submission of bids by the bidders, additional payment on account of such new taxes would be considered by the company. However, decision of the company would be final in this regard.
- (vi) In case of non-registration with Sales Tax Department, Purchase Tax as admissible shall be deducted by the purchaser form the bills of the supplier.
- (vii) M.P. Paschim Kshetra Vidyut Vitaran Company Limited, Indore is a registered dealer under MP General Sales Tax Act 1994 and Central Sales Tax Act 1956. The registration nos. is Tin No. 233 80203311. Necessary declaration form for availing concessional CST, (wherever applicable and if so mentioned in Special Terms & Conditions of Purchase), shall be furnished after receipt of material at destination and verification of the legal position at our end.

(viii) **Entry Tax:**

Entry tax is payable in the state of MP, in accordance with the provisions of Entry Tax Act. Following provisions shall apply regarding Entry Tax.

**The price quoted by bidder must be inclusive of cost of Entry Tax (even if the entry tax is payable by the purchaser).** It may be noted that unless **Entry-Tax-Paid** goods are supplied by the vendor, the amount of Entry Tax at the applicable rates will be deducted by the purchaser from the supply bill of the vendor, and remitted to the tax department under TIN number of the purchaser.

In case, **entry-tax-paid goods** are supplied, the vendor would be required to affix a duly authenticated rubber stamp on the supply-bill as **ENTRY TAX PAID GOODS**, and attach proof of payment of ET with the bill. In such case, purchaser would not deduct / make any additional payment towards Entry Tax.

It is specifically clarified that if any liability is raised on the purchaser, by the concerned tax department, on account of Entry Tax at a later date, the amount of liability will be recovered from the vendor's pending bills/ security deposit, or recovered in any other manner as may deem fit.

### **2. PRICE VARIATION**

As mentioned earlier the prices are FIRM and no price variation is admissible. In case of any deviation observed in above price term, the offer will be liable for rejection.

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**3. TRANSIT RISK**

- (i) Responsibility regarding covering of risk during transit of material shall entirely be on the supplier. The Company shall, in no case, bear the transit risks/ transit insurance charges.
- (ii) Transit damages/ shortages/ losses shall be reported by the consignees within 30 days from the receipt of the consignments. Such damages / shortages/losses shall be repaired/ replaced by the supplier / manufacturer, free of cost within one month from the date of intimation by the consignee without waiting for his settlement from carrier or Insurance Company etc. If the supplier fails to do so the consignee (s) shall be free to get the repair work done from other sources and they shall be free to recover the cost of such material / expenses of repairs either from the supplier / balance bills or from the security deposit as deemed fit.
- (iii) While necessary assistance shall be rendered by the consignee in lodging and processing the claims with carriers and the supplier's insurance underwriters, the responsibility shall rest with the supplier to immediately make good the shortages/losses/ damages, without any extra cost and without waiting for the settlement of the claim.
- (iv) In the case of transport damages/ shortage, the payment shall be made only for the quantity received in good and working condition.

**4. INSURANCE:-**

The bidder will be responsible for taking out any appropriate insurance coverage, as may be required for successful completion of the work/ supply, at their own cost.

**5. PACKING AND FORWARDING**

- (i) The supplier shall be responsible for the Stores being sufficiently and properly packed at his expenses for transport by rail, road or sea, so as to ensure them being free from the loss/ damage due to handling and transport to the destination.
- (ii) Each package shall be prominently and distinctly marked on at-least two faces, indicating full address of the consignee, destination station, name of equipment, purchaser's order number, weight and volume of the package etc.
- (iii) Each package shall contain in a water proof cover, a detailed description indicating the order reference and date and list of the contents. Each item contained in the package or box shall be described sufficiently, to enable easy identification. The quantity, weights etc. shall also be given.
- (iv) The packaging shall conform to the specification, rules and regulation prescribed by the Underwriters, Railways, and Transport Agencies. In case of any loss / damages to the consignment, due to non-standard packing, the same shall be made good free of all charges to Purchaser by the supplier. All the provision of this clause shall apply whether the disrupting cause is total or partial in its effects upon the ability of the supplier to perform.

**6. MODE OF DISPATCH**

The bidder should clearly indicate mode of dispatch for the material. In case of dispatch through rail, the material is to be booked for respective destination railway station. In case of dispatch through road transport, the material should be dispatched through bank approved road transporters on door delivery basis only.

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**7. SUBMISSION OF DRAWING AND LITERATURE**

All the relevant literature / drawings shall be submitted along with the offer.

**8. INSPECTION AND TEST CERTIFICATE**

- (i) Each lot of offered material shall be inspected by the Company's inspecting officer before despatch. The supplier shall extend all reasonable and necessary testing help to the inspecting officer of the Company to carry out testing of material at his works.
- (ii) An intimation about the date, by which material shall be ready for inspection, indicating quantity be given to the order placing authority by the supplier / manufacturer, so as to reach him sufficiently in advance, failing which, the suppliers shall be responsible for delay in delivery on account of inspection. On receipt of such intimation, the material shall be inspected normally within 15 days.
- (iii) The supplier shall not despatch the material unless specific despatch instructions are issued by the order placing authority or any other authorised officer of the Company.
- (iv) In case the inspector deputed for inspection does not find the offered lot ready, the Company reserves the right to recover from the supplier, such charges as may have been incurred towards arranging such inspection. These charges have been mentioned in clause 9 below.

**9. RIGHT TO CARRY OUT THE INSPECTION DURING MANUFACTURING**

In case of Manufacturer Vendors, the Company, at its option, will inspect the material on order during its process of manufacturing, including the inspection of raw material, and will request the supplier to carry out such tests as may be necessary to ensure proper quality check. Samples of components of the material shall be subjected to quality check by the Inspecting Officer, during manufacturing. In the event of stage inspection, if any discrepancy is noticed, the supplier shall be given immediate notice to suspend further manufacturing until corrective measures are taken and the process cleared.

**10. FACTORY INSPECTION**

- (i) The factory inspection of the Manufacturer Bidder, who have not executed any order of MPPKVVCL, shall be carried out before placing detail order.
- (ii) During pendency of the order, the factory inspection may be conducted by Company's authorized officer as and when felt necessary for ensuring production of quality material.
- (iii) The Supplier shall extend all reasonable and necessary assistance to the inspecting officer of the Company to carry out testing of equipment/material at his works.

**11. FAKE INSPECTION CALL**

All such firms, who after giving inspection call, do not offer materials to Inspecting Officer for inspection due to one or the other reasons, shall be required to remit a sum of Rs. 5000/- per officer.

**12. DELIVERY**

Delivery schedule shall be as mentioned in Section II - Special Terms and Conditions of Purchase.

### **13. FORCE MAJEURE**

Force majeure condition is herein defined as:-

- (i) Natural phenomena, such as floods, draught, earth-quakes and epidemics.
- (ii) Act of any Government Authority, domestic or foreign, such as war, quarantines, embargoes, licensing control or production or distribution restrictions.
- (iii) Accident and disruption such as fires, explosion, and increase in power cut with respect to date of tender opening, break-down of essential machinery or equipment etc.
- (iv) Strikes, slow down, lockout containing for more than three (3) weeks.
- (v) Failure or delay in the supplier's source of supply, due to force majeure causes enumerated at (i) to (iv) above, provided the supplier produces documentary evidence to show that there were no other alternative sources of supply available to him or if available, the lead time required was likely to be longer than the duration of the force Majeure at the normal source of supply.
- (vi) Any cause which is beyond the reasonable control of the supplier or purchaser as the case may be.
- (vii) All the provisions of this clause shall apply whether the disruption caused is total or partial in its effect upon the ability of the supplier to perform.
- (viii) The cause of force majeure condition will be taken into consideration only if the supplier, within 15 days from the occurrence of such delay gives a proper notice to the purchaser. The MPPKVVCL shall verify the facts and may grant such extension in delivery period as the facts justify. For delivery time extension due to force majeure conditions, the supplier shall submit his representation with documentary evidence for scrutiny by the purchaser and decision of the MPPKVVCL shall be binding on the firm.

### **14. TERMS OF PAYMENT**

Payment Terms & Procedure shall be as mentioned in Section II - Special Terms and Conditions of Purchase.

### **15. PENALTY FOR DELAY**

The time for delivery of the material shall be deemed to be the essence of the contract. In case of delay in execution of the order, the Company, at its discretion, shall recover from the vendor as penalty, a sum equal to ½ % of the price of any stores not delivered, for every week of delay. For the purpose of this clause, part of a week shall be considered as full week. However, maximum penalty under this clause shall be restricted to 10 % of the order value. This will be without prejudice to other remedies available to the Company as per the laws of India, or terms of this Tender.

For this purpose, the date of offer for supply of material in the office of the Order Placing Authority shall be considered as the date of delivery, subject to the condition that offer has been received 15 days in advance of terminal date of scheduled delivery, and material is delivered at stores within 21 days of clearance. For early inspection, offer may be sent telegraphically or by fax. The Company will not be responsible for delay in inspection, if inspection offer is not received timely. Please note, in case material is not received within 21 days from the date of

issuance of despatch instructions, even though the delivery period exists, penalty shall be applicable on delay of despatch.

**16. PENALTY FOR BREACH OF CONTRACT:-**

Breach of any terms and conditions which are included in the any section of the tender documents, or various schedules, annexure, enclosures, appendix etc. which are referred in these sections, shall be deemed as breach of this Contract. In case of breach this contract by the bidder/ vendor, the Company shall be entitled to forfeit the available security deposit and to realise and retain the same as damages and compensation for the said breach. This will be without prejudice to the right of the Company to recover any further sums as damages, from any sums which are due or which may become due to the contractor by the company; or otherwise howsoever.

**17. SECURITY DEPOSIT:-**

- (i) On acceptance of offer, the successful bidder will have to pay the Security Deposit as per the applicability, as discussed below.

**(A) ALTERNATE I (Normal SD) :**

On acceptance of offer, the successful bidder shall have to pay the security deposit @ 10% of the total value of the order, in any of the following forms-

- (a) Cash to be deposited with Sr. Accounts Officer, MPPKVVCL Indore. After deposition of SD, original receipt shall have to be produced to this office, which shall be returned after conveying the acceptance of Security Deposit.

**OR**

- (b) Demand Draft to be drawn in favour of Sr. Accounts Officer, MPPKVVCL Indore of respective consignee drawn on any nationalized / scheduled Bank and payable at respective destination.

**OR**

- (c) Bank Guarantee on any Nationalized Bank, or any other bank mentioned in Section VII, strictly as per Company's Proforma (to be supplied along with the order) valid sufficiently to cover the guarantee period, in the office of the order placing authority.

**(B) ALTERNATE II (Permanent Security Deposit) :** Facility to deposit permanent Security Deposit shall be available to vendors, only if so mention and permitted in **Section II – Special Terms and Conditions of Purchase**. Additionally, following terms and conditions shall apply in respect of Permanent SD.

- (a) The outside-the-state firms can furnish permanent security deposit of Rs. Five Lac (In the form of Demand Draft) with the Discom-WZ. Upon submission and acceptance of permanent SD, such vendors would be exempted from submission of security deposit against individual orders, subject to approval.
- (b) The State SSI units can also furnish the permanent security deposit of Rs. 3 Lacs (In the form of Demand Draft) with the Discom-WZ. Upon submission and acceptance of permanent SD, such vendors would be exempted from submission of security deposit against individual orders, subject to approval.
- (c) The facility of permanent security deposit shall be extended to only such suppliers who have had business with the M. P. Electricity Board or MPPKVVCL Indore for more than 3 years and where supplier's performance has been found good.

- (d) The validity of permanent security deposit, as and when given to any supplier, shall be initially for a period of 1 or 2 years only as the case may be, and its revalidation will be done after reviewing the performance of the supplier.

**(C) ALTERNATE III (Concessional SD for SSI units of MP) :**

- (a) SSI Units registered with Industries Department of MP are required to pay Security Deposit for only 5% (five percent) value of the order, subject to maximum of Rs.20,000/- in cash or DD. This concession is for such SSI Units of M.P. who are doing business up to Rs.50 Lacs annually with the WZ-Discom.
- (b) SSI units having annual business of above Rs. 50.00 lacs, with the Company, shall be required to pay the security deposit as per ALTERNATE I or II only.
- (ii) The Security Deposit shall be deposited strictly in aforesaid manner only. Deduction of security deposit from the supply bills shall not be allowed in any case.
- (iii) The Security Deposit shall have to be deposited within 30 days of issue of order and prior to offering supply of material against the order.
- (iv) The Company shall forfeit the Security Deposit in the event of non execution / part execution of the orders / poor performance of vendor, besides invoking the penalty clauses.
- (v) The Security Deposit shall be returned to the successful bidder only after due and faithful performance of the order as per terms and conditions of the order, and on expiry of guarantee period provided, there are no claims outstanding to be recovered against the bidders / suppliers. This shall not be applicable in case of permanent security deposit.
- (vi) No interest shall be paid by the Company on security deposit furnished by the manufacturer / suppliers.

**18. EXTENSION ORDER**

- (i) The extension order can be placed for any addition quantity to the extent of 100% quantity of the original order within six months from the date of placement of order on same rates terms & conditions of original order.
- (ii) The suppliers shall have to accept extension order if placed within a period of 6 months from the date of order by Rural Electric Co-operative Societies in Indore / Ujjain Region of MPPKVVCL, for supply of material against the order, on the same rates, terms and conditions. The suppliers shall furnish necessary security deposit to the concerned Rural Electric Co-operative Societies. Payment for supplies shall be made directly by the concerned society.
- (iii) The suppliers shall have to accept order for additional quantity if placed within 6 months from the date of order by other two DISCOMs (i.e. MP Madhya Kshetra Vidut Vitran Co Ltd, Bhopal and MP Poorva Kshetra Vidut Vitran Co Ltd, Jabalpur).

**19. TESTING FACILITY AND TESTS TO BE CONDUCTED**

The bidder must give their production capacity, all about testing lab and line testing facilities available with them in details for the tendered material. The bidder should also give the details of test proposed to be conducted in their labs in the event of order with the details Indian Standard Specification / Codes.

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**20. MATERIAL TEST CERTIFICATE**

Each item of the lot should be tested by the supplier and routine test certificate in duplicate giving the results of all tests prescribed in the relevant ISS(as mentioned in the Technical Specification Schedule ) for ordered item shall be submitted to the office of the Member (Distribution) West Zone, GPH Compound , Industrial Area, Polo Ground, Indore, for approval along with the letter / offer for inspection of material. Please note that each lot will be inspected at your works, which includes witnessing of all tests prescribed in IS.

**21. TYPE TEST CERTIFICATES**

If prescribed under **Section II (Special Terms and Conditions of Purchase) or Section III (Technical Specifications)**, duly authenticated photo copies of appropriate **Type Test Certificates** would have to be furnished by the bidders, otherwise their offers shall be liable to be rejected. Type test reports/certificates for the test conducted on the tendered item/material shall not be older than 5 years on the date of opening of technical/commercial bid.

**22. RANDOM TESTING**

- (i) Inspection of material before despatch or waiver of inspection will not relieve the supplier from his responsibility to supply the material strictly in accordance with the specification. The MPPKVVCL shall have option to test the samples selected at random from the supplies affected and subject it to routine/type test.
- (ii) In case, the samples fails to withstand the required test, the entire lot will be liable to be rejected ( i.e. unused material so supplied) and the supplier will have to refund the amount paid, including all taxes and duties, as well as the test charges thereof, after inspection. Such quantities or rejected material as identified, shall be removed by the supplier and replaced in full at his own cost. MPPKVVCL will not be responsible for levy of taxes on such rejected material and deduction shall be in totality.
- (iii) In case of random checking of the supplies, if any deviation is noticed, a notice shall be given to the supplier, who shall arrange to depute his representative within 15 days for joint inspection. If during joint inspection any deviation is observed and material supplied is found not conforming to standards laid down in the relevant ISS, the MPPKVVCL reserves the right to impose any appropriate penalty for full quantity of materials supplied against the order. The decision of the MPPKVVCL in this respect shall be final and binding on the supplier.

**23. RECOVERIES FOR LIABILITIES AGAINST OTHER CONTRACTS**

All amounts recoverable from the successful bidder against earlier contracts with the MPPKVVCL will be adjusted from payment due against the contract that may be awarded under this specification.

**24. ROYALTIES AND PETENTS**

All royalties for patent or any charges for usage or infringement there of that may be involved in the supply shall be included the offered price and the supplier shall product purchaser against any claim thereof. Supplier is fully responsible for such contractual dealing and purchaser shall not be called upon to bear any such charges.

**25. COMPLIANCE OF REGULATIONS**

The supplier shall warranty that all goods covered under procurement, shall have been produced, sold, dispatched, delivered ,tested, in strict compliance with all applicable rules, Regulation including Industrial (Development and Regulation) Act 1951 and any amendment

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there under, labour agreement, working conditions and technical codes and requirements, as applicable from time to time.

The supplier should execute and deliver such documents, as may be needed, by the purchaser in evidence of compliance. All laws, Rules and Regulation are required to be incorporated in this reference. Any liability arising out of contravention of any of the laws shall be the sole responsibility of the vendor and the purchasers shall not be responsible in any manner whatsoever.

**26. SUBMISSION OF DESPATCH DETAILS**

On completion of supplies, a statement showing details of offer and supplies made shall be furnished to this office promptly i.e. in first week of following months in following Proforma:-

Page 1

Sl. No.	Particular	Qty offered	Date of offer	Date of D.I.

Page 2

Qty. for which D.I. is given	Bill no. & Date	Qty supplied	Name of consignee

Page 3

Liability intimated By consignee	Details of remittance of liability	Addl. Information	Remarks if any

Similar information for supplies made during each month shall be submitted by the first week of subsequent month.

**27. CANCELLATION OF ORDER**

- (i) The Company may, upon written notice of default, terminate contract in the circumstances detailed hereunder:-
  - a) If in the opinion of the Company, the supplier fails to deliver the material within the time specified or during the period for which extension has been granted by the Company.
  - b) If in the opinion of the Company, the supplier fails to comply with any of the other provisions of this contract or material is found to be not in accordance with prescribed specifications, and / or the approved samples.
  - c) If, as a result of stage inspection, it is revealed that material and/or, workmanship is sub-standard, which is likely to affect the performance of the finished products, a notice would be served by the Company to the supplier to suspend further activities

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and to take urgent steps towards corrective measures, failing which the entire order would be cancelled.

- (ii) In the event of such termination, the Company shall exercise the discretionary powers as:-
- a) To recover from the supplier, penalty as mentioned in the clause no.15 above.  
AND / OR
- b) To purchase from elsewhere, on account and at the risk of the vendor, goods of similar description to the consignment which is not delivered, after giving due notices to the vendor.  
AND / OR
- c) To cancel the contract reserving Company's rights to recover damages.
- (iii) Powers under sub-clause (ii) referred to above, are in addition to the rights and remedies available to the Company under the law of India relating to contract.
- (iv) In the event of risk purchase of stores of similar description, the opinion of the Company shall be final. In the event of action taken under the sub-clauses (ii) (a) or (b) above, the supplier shall be liable to pay for any loss, which the company may sustain on that account but the supplier shall not be entitled to claim any savings on all such purchases made against the default.
- (v) The decision of the Company shall be final regarding the acceptability of the stores supplied by supplier, and the Company shall not be required to give any reason for the rejection of the stores/material.
- (vi) In the event, Company does not terminate the Contract as provided above, the supplier shall continue execution of this order, in which case he shall be liable to the Company for liquidated damages for the delay as per clause 15 until suppliers are accepted.

## **28. ARBITRATION**

If, at any time, any question, dispute or difference, whatsoever shall arise between the purchaser and the supplier, upon, or in relation to or in connection with the contract, either party may forthwith give to the other, 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. In the case of said Arbitrators not agreeing, the matter shall be referred to the adjudication of an Umpire, to be appointed by the Arbitrators, whose, decision shall be final and binding on the parties.

The arbitration shall be conducted as per provision of The Madhya Pradesh Madhyastha Adhikaran Adhiniyam 1983, as amended from time to time, and of the rules made there under. 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 Arbitrator or of the Umpire, as the case may be, is issued.

## **29. JURISDICTION**

Any dispute or difference, arising under, out of, or in connection with Tender/ contract order shall be subject to exclusive jurisdiction of court at Indore only.

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**30. CORRESPONDENCE**

Copies of all important correspondence regarding the order shall be endorsed to the following:-

- (i) Concerned consignee
- (ii) Concerned Sr. AO /Regional AO
- (iii) C.E. (Pur) O/o, CMD (WZ) MPPKVCL, G.P.H. Compound Pologround Indore.
- (iv) S.E. (Stores) O/o. G.P.H. Compound Pologround Indore.

**31. CLIMATIC CONDITONS**

The climatic conditions where equipment are intended for installation could be taken as under:-

1	Maximum temperature of air in shed	45° C
2	Minimum temperature of air in shed	4°C
3	Maximum relative humidity	95%(The humidity sometime approaches saturation point)
4	Minimum relative humidity	10%
5	Average no. of dust-storm days per Annum	40 days
6	Average no. of rainy days per Annum	90 days
7	No. of months of tropical monsoon conditions per annum	3 months
8	Average annual rain fall	1250 mm
9	Maximum wind pressure	150 kg/Sq.mm
10	Altitude not exceeding	1000 meters.

(The limit of ambient temperature shall be 45° C peak and 35°C average over a period of 24 hrs)

-Sd-  
Chief Engineer (Corporate Office)  
O/o. CMD (WZ) MPPKVCL,  
Indore

**Section VI:**  
**List of Consignee Area Stores & Senior/ Regional Account Officers**

S.No.	Name of Consignee	Name of Station to which Materials are to be dispatched if by Railway	Concerned Sr. AO/ R.A.O. MPPKVVCL
1	Addl. S.E. /E.E. (Stores) Area Store, MPPKVVCL, Indore	Indore (W.R.)	Indore
2	-do- Barwaha	Indore (W.R.)	Khandwa
3	-do- Ujjain	Ujjain (W.R.)	Ujjain
4	-do- Ratlam	Ratlam (W.R.)	Ratlam

**Section VII: List of Schedule Banks**

Sr. No.	Name of R.A.O./ Sr. A.O.		Name of Bank
1	Indore	1	Bank Of Baroda
		2	Central Bank Of India
		3	State Bank Of India
2	Khandwa	1	Bank Of India
		2	State Bank Of India
3	Ujjain	1	State Bank Of India
		2	Dena Bank
4	Ratlam	1	State Bank Of India
		2	Central Bank Of India
		3	Dena Bank
<b>List banks other than nationalised banks, which are approved to furnish Bank Guarantee</b>			
1	ICICI Bank		
2	IDBI bank		
3	UTI Bank		

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### Schedule III : Schedule of Information

#### Part A : General Information

(TO BE KEPT IN THE ENVELOPE PART –II, “COMMERCIAL/TECHNICAL BID”)

Please furnish desired details. Strike off, whichever is not applicable. Use separate sheets wherever necessary and enclose the same as Annexure (as specified in the “Table of Contents” Schedule VII).

S. No.	Particulars	Details
1	Name & Address of the Bidder	
a)	Registered office	
b)	Factory/ works address	
c)	Telegraphic address	
d)	Telex/fax Nos.	
e)	Telephone Nos.	
2	Confirm whether bidder is participating as a <b>Manufacturer</b> or <b>Authorised dealer</b> .	<b>Manufacturer</b> Or <b>Authorised dealer</b> (strike out whatever is not applicable)
4	If bidder is the manufacturer, fill following details	
a)	Address of factory	
b)	Year of starting manufacture	
c)	Whether the same /similar material manufactured earlier	Yes/No
d)	Yearly/monthly production capacity	
e)	Maximum yearly production achieved so far	
5	Whether the firm is an MP SSI Unit	Yes/No (if yes, fill following details)
a)	Registration No.	
b)	Items of registration	
c)	Period of registration	
6	Whether the bidder is old participant with MPPKVCL.	Yes/No (if yes, furnish the details in Schedule IV)
7	Any other information that bidder may like to	

Signature of Bidder with Seal of Firm :

Place-

Name (in full) :

Date-

Designation :

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**Schedule III : Schedule of Information****Part B : Commercial Information**

(TO BE KEPT IN THE ENVELOPE PART –II, “COMMERCIAL/TECHNICAL BID”)

Please furnish desired details. Strike off, whichever is not applicable. Use separate sheets wherever necessary. Please enclose the extra sheets as Annexure (as specified in the “Table of Contents” Schedule VII).

S No.	Particulars	Details
1	Earnest Money details	
a)	Bank draft/Bankers cheque/ Cash with Sr. AO, MPPKVVCL, Indore.	
b)	Amount of EMD (in Rs.)	
c)	Any exemption from EMD (if yes, please mention under which category exemption is sought i.e. SSI Unit of M.P./small Scale unit registered with NSIC/Fully owned Stated/Central Govt. Unit etc.)	
2	Whether the offer is valid for 180 days from the date of opening of commercial/ Technical bid.	Yes/No (If no, state validity period)
4	Mode of Despatch	
5	<b>Security Deposit.</b> Please indicate details of <b>Security Deposit</b> , as would be applicable to the bidder.	(Please refer to <b>Section V General Conditions of Purchase &amp; Section-II Special Terms &amp; Conditions of purchase</b> for details, and fill in the response accordingly)
a)	Normal SD @ 10 % shall be deposited, OR	
b)	Permanent SD has been deposited (please attach proof), OR	
c)	Concessional SD as applicable to SSI units of MP shall be deposited (Please attach proof).	
6	Please furnish ST/ VAT Registration Number of your firm.	
a)	State Sales Tax/ VAT Registration Number	
b)	Central Sales Tax Registration Number	

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7	<p>Please indicate whether you are participating in the tender as <b>“registered dealers situated within the state of MP”</b> or you shall raise invoice as a <b>registered dealer of any other state?</b></p> <p>(This information is specifically required for ascertainment of liability towards Entry Tax and CST/ VAT)</p>	<p>Registered Dealer within State of MP.</p> <p>Or</p> <p>Registered dealer outside the state.</p> <p>(Please strike out whichever is not applicable)</p>
8	<p>In case of <b>“registered dealers situated within the state of MP”</b> please indicate whether the transaction would be of <b>“Sale in Transit nature (viz E1-C Transaction etc.)”</b> or not?</p> <p>(This information is specifically required for ascertainment of liability towards Entry Tax and CST / VAT)</p>	<p>Transaction would be of <b>“<u>Sale in Transit nature (viz E1- C etc.)</u>”</b>.</p> <p>Or</p> <p>Transaction would <b>NOT</b> be in the nature of <b><u>Sale in Transit</u></b>.</p> <p>(Please strike out whichever is not applicable)</p>

Place- Signature of Bidder with Seal of Firm :

Date- Name (in full) :

Designation :

**Schedule III : Schedule of Information****Part C : Technical Information**

(TO BE KEPT IN THE ENVELOPE PART –II, COMMERCIAL / TECHNICAL BID)

Please furnish desired details. Strike off, whichever is not applicable. Use separate sheets wherever necessary. Please enclose the extra sheets as Annexure (as specified in the “Table of Contents” Schedule VII).

S No.	Particulars	Details
1	Performance Certificates	Attached Yes/No
2	Pamphlets/technical details, literatures	Attached Yes/No
3	Test Certificates if desired in the <b>Section III Technical Specifications.</b>	Attached Yes/No
4	In case bidder is Manufacturer, details of manufacturing equipments and short history of plant.	Attached Yes/No
5	In case bidder is Manufacturer, details of manufacturing process furnished with offer	Attached Yes/No
6	Availability of testing facilities	If yes, give details If no, approved lab available in surrounding areas where tests are proposed to be conducted.
7	If requisitioned, whether Samples submitted	Submitted Yes/No

Place- Signature of Bidder with Seal of Firm :

Date- Name (in full) :

Designation :

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**Schedule IV : Schedule of Past Experience**

**(TO BE KEPT IN THE ENVELOPE PART-II, “COMMERCIAL/TECHNICAL BID”)**

Please furnish desired details. Use separate sheets wherever necessary. Please enclose the extra sheets as Annexure (as specified in the “Table of Contents” Schedule VII).

**Bidder’s Name & Address:** .....

To,  
 The Chief Engineer (Corporate Office)  
 O/o CMD (West Zone)  
 MPPKV Co. Ltd.,  
 G.P.H. Compound, Pologround Indore.

**Sub: - Performance /past experience**

Dear Sir,

We furnished herewith the record of our performance and experience of quoted items as follows:-

S. No.	Purchaser’s Name and Address	Order No. and Date placed during last 5 years	Ordered Quantity	Quantity supplied	Value of Order	Size wise quantity pending for execution within delivery schedule	Reasons for non Completion of order, if any
1	2	3	4	5	6	7	8

Place- Signature of Bidder with Seal of Firm :

Date- Name (in full) :

Designation :

Note: - Photocopy of the order & performance report received from other State Electricity Companies/Govt. undertaking etc. should be enclosed.

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**Schedule V : Schedule of Deviations****Part A : Commercial Deviations**

(TO BE KEPT IN THE ENVELOPE PART-II, "COMMERCIAL/TECHNICAL BID")

If bidder desires to take any commercial deviation from the terms & conditions of the tender, it should be mentioned specifically in this deviation schedule. Unless commercial deviations are mentioned in this deviation schedule, the same will not be taken into consideration.

Bidder's Name & Address: .....

To,

The Chief Engineer (Corporate Office)  
O/o CMD (West Zone)  
MPPKV Co. Ltd,  
G.P.H. Compound, Pologround Indore.

**Sub: - Commercial Deviation**

Dear Sir,

The Commercial Deviation & Variation to the specification stipulated in the tender, for the items quoted, as under:-

S. No.	Condition	Clause No. of Tender Document	Page No. of Tender Document	Statement of Deviation and Variations
1	2	3	4	5

Except aforesaid deviations, the entire order, if placed, on us shall be executed in accordance with your specifications and any other conditions, variations/deviations etc. if found, elsewhere in our offer should not be given any consideration while finalizing the tender.

Place- Signature of Bidder with Seal of Firm :

Date- Name (in full) :

Designation :

Note: - Continuation sheet of like size & format may be used as per bidder's requirement and be enclosed as Annexure (as specified in the "Table of Contents" Schedule VII), wherever necessary.

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**Schedule V : Schedule of Deviations****Part B : Technical Deviations**

(TO BE KEPT IN THE ENVELOPE PART-II, “COMMERCIAL/TECHNICAL BID”)

If bidder desires to take any technical deviation from the terms & conditions of the tender, it should be mentioned specifically in this deviation schedule. Unless technical deviations are mentioned in this deviation schedule, the same will not be taken into cognizance.

Bidder's Name & Address: .....

To,

The Chief Engineer (Corporate Office)  
O/o CMD (West Zone)  
MPPKVV Co. Ltd.,  
G.P.H. Compound, Pologround Indore.

**Sub: - Technical Deviations.**

Dear Sir,

The Technical Deviations & variations to the specifications stipulated in the tender, For the item quoted are, as under:-

S. No.	Condition	Clause No. of Tender Document	Page No. of Tender Document	Statement of Deviation and Variations
1	2	3	4	5

Except aforesaid deviations, the entire order, if placed, on us shall be executed in accordance with your specifications and any other conditions, variations/deviations etc. if found, elsewhere in our offer should not be given any consideration while finalizing the tender.

Place- Signature of Bidder with Seal of Firm :

Date- Name (in full) :

Designation :

Note: - Continuation sheet of like size & format may be used as per bidder's requirement and be enclosed as Annexure (as specified in the “Table of Contents” Schedule VII), wherever necessary.

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**Schedule VI: Check List**

(TO BE KEPT IN THE ENVELOPE PART-II, “COMMERCIAL/TECHNICAL BID”)

Check List Item	Options	Answer
<b>Technical Information</b>		
Whether confirmation certificate proving party is a Manufacturer or Authorised Dealer is attached	Manufacturer/ Authorised Dealer	
In case of Manufacturer, whether details of the installed manufacturing capabilities & present commitments are attached	Yes/No/NA	
Whether list of supplies made during last 3 years & certificates from those organizations are attached	Yes/No	
Whether all Literature & Drawings related to the material are attached	Yes/No	
Whether Test Certificates from inspector of the Company is attached	Yes/No	
Whether appropriate type test certificate (if required in Section V Technical Specifications) is attached	Yes/No	
Whether Quality assurance certificate is attached	Yes/No	
Whether NSIC/SSI /DIC Registration Certificate is attached	Yes/No	
Whether details of old supplies to MPPKVCL are attached	Yes/No	
Whether Certified true copies of the resolutions/ Extracts of Articles of Association/ Special or general Power of Attorney is attached	Yes/No	
<b>Financial Information</b>		
Whether two copies of two years P&L Accounts are enclosed	Yes/No	
Whether two copies of two years Balance Sheets are enclosed	Yes/No	
Whether Sales Tax Clearance Certificate is enclosed	Yes/No	
<b>Documentation</b>		
Whether each page of the tender is signed and duly stamped and submitted by the bidder.	Yes/No	
Whether duly signed “Tender Form” is attached with the bid	Yes/No	
In financial bid, whether rates are quoted in both figures and words	Yes/No	
<b>Schedule I:</b> Price bid is filled in and duly stamped and signed by the signatory authority	Yes/No	
Price bid is kept in separate sealed envelop super-scribed as “ <b>Part III Price Bid</b> ”, Name of Work, TS number, Bidder name and	Yes/No	

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<b>Date of opening</b>		
Whether “Earnest Money Deposit” of specified amount is kept in a sealed envelope super-scribed as “ <b>Part-I Earnest Money Deposit</b> ”, <b>Name of Work, TS number, Bidder name and Date of opening</b>	Yes/No	
Whether all the information mentioned in <b>Schedule III</b> is filled and duly signed and stamped with the legally authorised signatory	Yes/No	
Whether all the information related to <b>Past Experience (Schedule IV)</b> is filled and duly signed and stamped with the legally signatory authority	Yes/No	
Whether all the information related to <b>Technical &amp; Commercial Deviations (Schedule V)</b> is filled and duly signed and stamped with the legally signatory authority	Yes/No	
Whether “Commercial & Technical Bid” is kept in a envelop super-scribed as “ <b>Part-II Commercial &amp; Technical Bid</b> ”, <b>Name of Work, TS number, Bidder name and Date of opening</b>	Yes/No	
Seal the envelop after keeping complete “ <b>Commercial and Technical Bid Document</b> ” along with the “ <b>Check List</b> ”	Yes/No	
All the three envelops carrying <b>Part-I Earnest Money Deposit, Part-II Commercial &amp; Technical Bid and Part-III Price Bid</b> shall be kept in one sealed envelop super-scribed stating that this envelope contains three separate envelopes for <b>Part I “EARNEST MONEY DEPOSIT”, Part – II “COMMERCIAL AND TECHNICAL BID” and Part – III “PRICE BID”</b> , in addition to tender specification No., name of work and bidder. <b>Details of Earnest Money Deposit, and due date of opening.</b>	Yes/No	
Whether Certification of Agreement with the <b>MPPKVCL, Indore’s Payment Terms, Penalty and Security Deposit Clauses</b> as per the format mention in the document is pasted on the main envelop	Yes/No	

**Note:** Bidder has to attach this “**Check List**” with the “**Commercial & Technical Bid**” answering all the questions and mention page numbers.

\* \* \*

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### **Schedule VII: Table of Contents**

**(TO BE KEPT IN PART – II TECHNICAL & COMMERCIAL BID ENVELOP)**

**Bidders are requested to submit the document exactly in this sequence.**

S. No	Particular	Document Page No.
<b>1</b>	<b>Duly Signed Complete Tender Document in Vol I &amp; II (except 'Schedule I- Price Bid, which is to be kept separately in Part III - price bid envelop)</b>	As printed
<b>2</b>	<b>Documents/ Certificates/ Reports</b>	<b>XXXX</b>
2.1	Past two years P&L Account and Balance Sheet	1 to __
2.2	Certified true copies of the resolutions/ Extracts of Articles of Association/ Special or general Power of Attorney and any other documents establishing authority of the person signing the tender document.	__ to __
2.3	Confirmation certificate proving party is a Manufacturer/ Authorised Dealer	__ to __
2.4		__ to __
2.5		__ to __
<b>3</b>	<b>Annexure if any, to Schedule II (Guaranteed Technical Particulars)</b>	__ to __
<b>4</b>	<b>Annexure to Schedule III (General, Commercial, Technical Information)</b>	<b>XXXX</b>
4.1	VAT Clearance Certificate	__ to __
4.2	NSIC/SSI Registration Certificate	__ to __
4.3	Quality assurance certificate	__ to __
4.4	Details of the installed manufacturing capabilities, manufacturing process & present commitments	__ to __
4.5	Technical Literature / Drawings	__ to __
4.6	Test Certificates from inspector of the Company	__ to __
4.7	Type Test Certificate if prescribed	__ to __
4.8	Details of Testing Facilities available with bidder	__ to __
4.9	Details of samples submitted (only if required as per tender conditions)	__ to __
4.10	Other if any	__ to __
4.11		__ to __
4.12		__ to __
<b>5</b>	<b>Annexure to Schedule IV (Past Experience)</b>	<b>XXXX</b>
5.1	Order copies of supplies made to MPPKVVCL and similar organisations during last 3 years & certificates from those organizations	__ to __
5.2	Other if any	__ to __
<b>6</b>	<b>Annexure if any, to Schedule V (Technical / Commercial Deviations)</b>	__ to __
<b>7</b>		

**Instructions:** Bidders shall have to give each documents page numbers and clearly specify the same in the table.

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