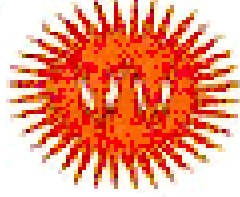


OFFICE OF THE CHIEF ENGINEER (UJJAIN REGION)
M.P. Paschim Kshetra Vidyut Vitaran Co. Ltd.
JYOTI NAGAR, NEAR GIRLS DEGREE COLLEGE
UJJAIN (M.P.)



Tender Specification No.CE/UR/PUR/2010-11/TS-36/27060/22.11.10,
Due Date for opening of 16.12.2010

REPAIRING OF 33 KV CT:PT COMBINED (METERING)
UNIT OF 0.5 ACCURACY CLASS

Issued by:

EXECUTIVE ENGINEER (PUR)
O/o The CHIEF ENGINEER (UR),
M. P. Paschim Kshetra Vidyut Vitaran Co. Ltd,
Jyoti Nagar, Near Girls Degree College,
Dashera Maidan, Ujjain (M.P.)

Phone No.0734-2530157, Fax No.0734-2530149

IMPORTANT

By virtue of the order vide no. 3679/FRS/13/18/2002 dated 31-05-2005 of the Department of Energy Government of M.P. the MPSEB has been reorganized and restructured and full autonomy is given to various independent companies.

Henceforth, in all the papers wherever the word MPSEB occurs is substituted with the name of the company i.e. “M.P. Paschim Kshetra Vidyut Vitaran Company Ltd.”

Signature of tenderers

OFFICE OF THE CHIEF ENGINEER (UR)
M.P. PASCHIM KSHETRA VIDYUT VITARAN CO. LTD.,
JYOTINAGAR,UJJAIN
Phone No.0734-2530140,2530157, Fax No.0734-2530149 EMAIL cempseb@yahoo.co.in.

No.CE/UR/2010-11/TS-36 /Pur./27060

UJJAIN, dtd. 22.11.10

To,

- NOTICE INVITING TENDER:-

Sealed tenders are invited from manufacturers of Distribution / Power Transformers / Metering Equipments in three parts-(Earnest Money, Technical & Commercial, and Price Bid), for supply of following item. :-

T.S. No.	Name of Items	Quantity (in Nos.)	Tender Fee (Rs.)	Last date for selling of blank Tender document	Date/Time of submission of tender	Date /Time of opening of Tender
CE/UR/2010-11/Pur./Tender-36	Lump sump repairing charges for 33 KV CT:PT combined (Metering) unit of 0.5 accuracy class (excluding to & fro transportation of unit) which includes opening of the unit cover, untanking PT(3 Phase) and CT assembly , cleaning washing of dust and dirt etc, from all parts , removal of parts need replacement providing identical new PT & CT's replacement of bushings, metal parts, pressure release safety device, explosion vent and any other parts required replacement minor repair of tank , secondary box & conservator (if required), painting from inside and outside to make unit as good as new after taking credit of all the old PT & CT's / defective / damaged fittings equipments to be retained by the repairer , cost of transformer oil not included in the rates.	12	500/-	15-12-10 upto 5.00 PM	16-12-10 upto 3.00 PM	16-12-10 Upto 04.00 PM

The tender documents may be purchased from this office, on payment of a non refundable fee indicated above in person (extra Rs.100/- each by post), by crossed Demand Draft in favour of **Sr. A.O., MPPKVCo: Ltd; UJJAIN.** Payable at Ujjain.

\\SAVE ELECTRICITY\\

Executive Engineer (PUR)
O/o Chief Engineer (UR)
MPPKVCO; LTD;UJJAIN

Name of Item: - REPAIRING OF 33 KV 400-200/5 A. Metering Equipments.
Tender Specification No.CE/UR/2010-11/Pur./Tender-36 Due on 16.12.2010.

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(Tender Enquiry No.CE/UR/10-11/Pur./25780 dtd.04.11.2010)

NOTE

- (i) The tenderers are requested to ensure that they furnish the offer in original each page of the tender should be signed and sealed by the tenderer. Any over corrections / overwriting should be signed by the tenderer. An offer with corrections / overwriting without signature of the tenderer is likely to be rejected without any consideration whatsoever.
- (ii) The Tenderers are requested to ensure that all required schedules along with questionnaire, duly filled-in are submitted with the offer. The tenderers should also note that in absence of any of the schedules, questionnaire, their offer is likely to be rejected.

**OFFICE OF THE CHIEF ENGINEER (UR)
M.P. PASCHIM KSHETRA VIDYUT VITARAN CO. LTD.,
JYOTINAGAR,UJJAIN**

Phone No.0734-2530140,2530157, Fax No.0734-2530149 EMAIL cempseb@yahoo.co.in.

No.CE/UR/2010-11/TS-36 /Pur./27060
To,

UJJAIN, dtd. 22.11.10

- NOTICE INVITING TENDER:-

Sealed tenders are invited from manufacturers of Distribution / Power Transformers / Metering Equipments in three parts-(Earnest Money, Technical & Commercial, and Price Bid), for supply of following item. :-

T.S. No.	Name of Items	Quantity (in Nos.)	Tender Fee (Rs.)	Last date for selling of blank Tender document	Date/Time of submission of tender	Date/Time of opening of Tender
CE/UR/2010-11/Pur./Tender-36	Lump sump repairing charges for 33 KV CT:PT combined (Metering) unit of 0.5 accuracy class (excluding to & fro transportation of unit) which includes opening of the unit cover, unloading PT(3 Phase) and CT assembly , cleaning washing of dust and dirt etc, from all parts , removal of parts need replacement providing identical new PT & CT's replacement of bushings, metal parts, pressure release safety device, explosion vent and any other parts required replacement minor repair of tank , secondary box & conservator (if required), painting from inside and outside to make unit as good as new after taking credit of all the old PT & CT's / defective / damaged fittings equipments to be retained by the repairer , cost of transformer oil not included in the rates.	12	500/-	15-12-10 upto 5.00 PM	16-12-10 upto 3.00 PM	16-12-10 Upto 04.00 PM

The tender documents may be purchased from this office, on payment of a non refundable fee indicated above in person (extra Rs.100/- each by post), by crossed Demand Draft in favour of **Sr. A.O., MPPKVCo; Ltd; UJJAIN**. Payable at Ujjain.

\\SAVE ELECTRICITY

**Executive Engineer (PUR)
O/o Chief Engineer (UR)
MPPKVCO; LTD;UJJAIN**

**OFFICE OF THE CHIEF ENGINEER (UJJAIN REGION)
M.P. PASCHIME KSHETRA VIDYUT VITARAN CO; LTD;
JYOTI NAGAR, UJJAIN
Tender Enquiry No.CE/UR/10-11/Pur./ 27060 dtd. 22.11.2010**

Demand Draft No. :-
& date/Banker’s Cheque
No. & date.

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

TENDER FORM

The undersigned hereby tender and offer (subject to the MPPKVVCL’s conditions of tendering) the **M.P. Paschim Kshetra Vidyut Vitaran Company Ltd., Indore** to supply the plant, machinery and materials and execute and do the several works and things which are described or referred to in the Details of Technical Particulars attached to tender document No.CE/uR/2010-11/Pur./Tender-36 and its enclosure and in Schedules to the side Details of Technical Particular Copies of which are annexed here to and which under the terms thereof are to be supplied, executed and done by the contractor and to perform and observe the provisions and agreements or the part of the contract contained in or reasonable to be referred from the said tender documents for the sums and at the rates sets out in Schedule –I annexed here to.

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

Date the Day of.....

TENDERER’S SIGNATURE
(With Seal)

Tenderers Address: -
.....
.....

ANNEXURE-I

GENERAL INSTRUCTIONS TO BIDDERS

1. GENERAL

Chief Engineer (UR) on behalf of "The Madhya Pradesh Pashchim Kshetra Vidyut Vitaran Co. Ltd.Indore" herein-after referred to as "Discom-WZ", will receive sealed tenders/bids for repairing of failed Metering Units in accordance with the attached specifications for supply/return to Area Stores at **Ujjain/Ratlam/Mandsaur (Depot Stores)**.

2. BASIC QUALIFICATION OF BIDDERS

This bidding is open for Manufacturers/repairers of Metering Equipments / Transformers only who provide satisfactory evidence:-

- (a) That they are qualified Manufacturers/repairers of Metering Equipments / Transformers who regularly manufacture the materials/equipments of the type specified and have adequate technical knowledge and practical experience.
- (b) That 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).
- (c) That, they have adequate plant and manufacturing capacity available to perform the assignment properly and expeditiously within the time period specified.

3. EARNEST MONEY:-

- (i) The Tenderer shall deposit the Earnest Money worth Rs.5000/- (Rs.Five Thousand) along with the tender. The EMD should for full quantity of the tender.
 - a) The Earnest Money to be deposited through Bank Draft of any Nationalized Bank in favour of Senior Accounts Officer, MPPKVCo; Ltd; **Ujjain** only.

No offer will be accepted without Earnest Money Deposit, unless exempted.

If on opening of tender any discrepancy in EMD amount is noticed, the tender shall be rejected.

- (ii) **The following are exempted from payment of Earnest Money Deposit:-**
 - a) SSI Units of State of Madhya Pradesh permanently registered with DIC.
 - b) **Small Scale Units registered with NSIC:** The small Scale Unit permanently registered with NSIC

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.

- c) The Medium/Large Scale Manufacturing Units, located in Madhya Pradesh (other than SSI) are permitted to furnish the EMD @ 50% (Half) of the rates prescribed. 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.
- (iii) The photo copy of the NSIC/ SSI Registration Certificate for the tendered items duly attested by GM/Manager, DIC of the area or an officer of MPPKVCo; Ltd; Indore not below the rank of AE, shall be furnished with the offer.
- (iv) **In case, the bidder withdraws this offer during the validity period, after placement of order, the EMD amount shall be forfeited.**
- v) **RETURN OF EARNEST MONEY TO BIDDERS:-**
 - a) EMD shall be returned to the unsuccessful bidders after the tender is decided. No interest shall be paid on EMD amounts.
 - b) EMD of bidders on whom the orders have been placed, shall be returned after acceptance of security deposit. No, interest shall be paid on EMD amount.

4. **TAXES AND DUTIES**

- a) All taxes and duties should be included in the prices quoted. Any kind of taxes and duties shall not be paid extra.
- b) M.P. Pashcime Kshetra Vidyut Vitaran Company Ltd., Indore is a Registered Dealer and TIN Number is 23380203311. Therefore necessary declaration form, wherever applicable, shall be issued after receipt of material at destination, by the M.P. Pashcime Kshetra Vidyut Vitaran Company Ltd., Indore. Any other applicable declaration form for concessional rate of Sales tax/Commercial tax as may be in force shall be given only after the legal position is verified at our end. Please note that 'C' forms for claiming concessional sales tax shall not be issued in case of following items:-
 - (i) Type writers,
 - (ii) Stationery,
 - (iii) Furniture &
 - (iv) Other goods not used in the process of Generation/Transmission/ Distribution of Electricity Energy.
- c) Excise duty and Sales Tax/Commercial Tax are payable for the contractual delivery period only at the prevailing rates wherever applicable. No upward variation shall be payable beyond the contractual delivery period, where the supplier is responsible for the delays. The re-imburement of the excise duty will be allowed on the basis of excisable invoice submitted by the supplier.
- d) Wherever applicable tenderers outside the State of M.P. should also quote the prevailing rate of Sales Tax/VAT in the state of origin so that the concessional rate of CST payable against "C" form may be limited to the Sales Tax applicable for state of origin, from where the material move, in case, these are lower than the concessional rate of CST.

5. AMENDMENT IN SPECIFICATIONS

The Discom-WZ may revise or amend the specification and drawing, prior to the date notified for opening of Price Bid 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 special messenger, the same should be dropped in the Tender Box, kept in the office of Chief Engineer (Ujjain Region), MPPKVCo Ltd; Ujjain on all working days during working hours indicated in tender notice. **Nobody is authorized to receive or grant receipt for tender delivered by hand.**

7. BIDS IN OPEN FORM

Open bids through Telegram/Fax will not be considered under any circumstances.

8. DELAYED/ LATE BIDS

The Discom-WZ shall not assume any responsibility for any postal delays either for the late receipt of documents by bidder or late receipt of bids by the Board/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 for rejection.

10. MISTAKES IN BIDS

Rates should be quoted in both; figures and words. In case of ambiguity between rates in figures and words, lower of the two/beneficial to the Discoms shall be considered. Such offers can also be rejected.

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, Discom-WZ 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 whatsoever.

13. ALTERATIONS/CORRECTIONS IN BIDS

Any alteration/correction in the tender document should be counter-signed. Further, no post tender alteration/correction shall be entertained.

14. INCOMPLETE BIDS

Tender which is incomplete or obscure is liable for rejection.

15. ACCEPTANCE OF PART/WHOLE BIDS-RIGHTS THEREOF

Discom-WZ reserves the right to accept/ reject wholly or partly any tender without assigning any reason whatsoever. The Discom-WZ 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 Discom shall be taken without any reference to the tender.

17. DISQUALIFICATION OF BIDS

A Bid which gets opened before the due date 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, that is, 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. INCOME TAX/SALES TAX CLEARANCE CERTIFICATE

During the processing of tender if asked for, the bidders shall be required to furnish Income/Sales Tax clearance certificates from competent authority.

20. FILLING OF QUESTIONNAIRE/SCHEDULES

All the Questionnaire / Schedules along with specification are enclosed for technical/commercial terms & conditions. It is compulsory on the part of the bidder to furnish all details as sought in these. In case, these are not filled in and enclosed with the offer, the Bid will be rejected.

21. DEVIATIONS FROM TERMS & CONDITIONS

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

22. PAST EXPERIENCE

Supplier having past experience in manufacture and supply of materials should furnish the list of supplies made during the last three years for the materials supplied by them, as per enclosed Schedule IV Part "A" failing which the tender may not get any preference for his past experience.

23. SUBMISSION OF BIDS

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

Part-I shall contain "EARNEST MONEY DEPOSIT / DOCUMENT WHICH ENTITLE FOR EXEMPTION FROM EMD".

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

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 superscribed with name of item and T.S. No. 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 in original.**
- (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 superscribed 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 & bidder. Details of Earnest Money Deposit and Due date of opening should be superscribed on this common envelope also. Beside this, it shall be certified on the main envelope itself that Discom-WZ's PAYMENT TERMS, PENALTY, SECURITY DEPOSIT and PERFORMANCE GUARANTEE & PRICE VARIATION (WHEREVER APPLICABLE) CLAUSES, as mentioned in tender specification, are acceptable to the bidder. This certification shall be in the following manner:-

**TENDER SPECIFICATION NO. TS-36 DUE FOR OPENING ON 16.12.10
FOR Lump-sum repairing charges for 33 KV CT-PT combined (Metering) Unit
of 0.5 Accuracy class**

THIS ENVELOPE CONTAINS 3 SEPARATE ENVELOPES FOR:-

- i) PART-I : "EARNEST MONEY DEPOSIT"
ii) PART-II : "COMMERCIAL AND TECHNICAL BID"
iii) PART-III : "PRICE BID"

TO,

**THE CHIEF ENGINEER (UJJAIN REGION),
M.P. PASCHIME KSHETRA VIDYUT VITRAN Co. Ltd.
UJJAIN**

**IT IS CERTIFIED THAT WE AGREE THE FOLLOWING CLAUSES OF
TENDER SPECIFICATION:-**

- | | |
|-----------------------------------|----------|
| (i) PAYMENT TERMS | : AGREED |
| (ii) SECURITY DEPOSIT & ADDL.S.D. | : AGREED |
| (iii) PENALTY | : AGREED |
| (iv) PERFORMANCE GUARANTEE | : AGREED |
| (v) DELIVERY PERIOD | : AGREED |

SIGNATURE OF TENDERER
STATUS & COMPANY'S SEAL

- (vi) 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 liable for rejection.

24. DATE AND TIME OF OPENING OF BIDS - CHANGES

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. If the due date of opening/ submission of tender documents are declared a holiday by the Central/ State Government or Local Administration, it will automatically get shifted to the next working day, for which no prior intimation shall be given. The tender opening shall be continued on subsequent days, in case the opening of all the tenders is not completed on the day of opening.

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

25. OPENING OF E.M.D. & 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 & Technical Bid, shall be opened on the same date in respect of eligible bidders.

26. OPENING OF PRICE BID

Opening of price bid along with first two parts of the offer on the same date:-

The offers which are in conformity with important commercial terms and conditions including Payment terms, Penalty, Security deposit and Performance guarantee clause & Technical specifications of Tender specification shall be eligible for opening of their Price Bid.

OR

Opening of Price Bid on subsequent date:-

- (a) After opening of first two parts (i.e. Part-I and Part-II), the deviations from the Discom-WZ terms & conditions, if any, proposed by the bidder in regard to Commercial and technical Bid, as per prescribed schedules, given along with the tender documents, shall be notified and clarifications, if required by Discom-WZ, shall be submitted by the bidders, either at the time of scrutiny of tender or within the time prescribed.
- (b) As a result of discussions and clarifications obtained in writing on Commercial & technical matter, the bidder shall be free to indicate the effect of such changes on their prices and submit a sealed "Supplementary Price Bid", within the specified time to take care of any deviations/alterations on account of changes in Commercial & Technical matters.
- (c) The bidder shall not be allowed to change their original price bids. In case deviations and clarification on Commercial and Technical matters are not submitted by the bidder within the time prescribed by the Discom-WZ then the Discom-WZ reserves the right to refuse to open the original price bids Part-III. Thus, the bidder should ensure that their tender is strictly in conformity with the specifications.
- (d) It is, therefore, necessary for the bidder, in his own interest to submit a "Supplementary Price Bid" in the sealed cover stating that in spite of

clarifications, he does not want to revise his original Bid. This will avoid confusions/ misinterpretations. Otherwise, failing which, Discom-WZ's decision, shall stand as binding.

- (e) The date of opening of "Part-III i.e. PRICE BIDS" shall be notified to the bidders, whose bids are found to be commercially & technically acceptable.
- (f) The decision of the Discom-WZ in this respect shall be final and acceptable to the bidder.

27. CANVASSING OF BIDS

Tenders 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 Discom-WZ's personnel or Representative, on matters relating to tender under process.

28. VALIDITY OF BIDS

The offers shall be **valid for 180 days**. Validity of the offer shall be counted from the date of opening of bids. 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.

29. AUTHORISATION/LOCAL REPRESENTATIVE

Only authorized representative, possessing necessary authority letter from the bidder who have participated in the tender shall be allowed to attend the tender opening.

30. ACCEPTANCE OF TENDER

- i) The Discom-WZ may reject any or all tenders or to accept any tender considering advantageous to Discom-WZ whether it is the lowest offer or not.
- ii) The Discom-WZ may split the quantities against the tender on more than one bidder for the same item. The Discom-WZ shall assign no reasons for this and the same will be binding on the bidders.

31. CHANGE OF QUANTITY

The quantity indicated the Schedule-I is tentative and purchaser reserves the right to vary the quantities of any or all items as specified in the technical specification/schedules as may be necessary, based on Purchaser's judgement and vendor rating (wherever carried out). No correspondence shall be entered into, neither discussed regarding quantity variation, nor any reason will be assigned thereof.

32. POOL RATES

The bidders 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 Discom-WZ. 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.

**Executive Engineer(PUR)
O/o. C.E. (UR).**

ANNEXURE-II

GENERAL TERMS AND CONDITIONS OF PURCHASE

1. PRICES AND STATUTORY LEVIES

1.1 ORDERS / RATE CONTRACT AWARDS

A. FIRM PRICES

- (i) Wherever asked for FIRM & on FOR destination basis, prices should be inclusive of all taxes and duties (Any where in Pachime Kshetra) prices are quoted. However, break up of following elements may be indicated:-
- (a) Unit Ex-works/Ex-godown rate including packing and forwarding.
 - (b) Excise duty shall be payable extra on ex-work price as per rates prevailing at the time of supply against submission of documentary evidence
 - (c) VAT : The VAT shall be payable extra at actual during contractual delivery period at the rate prevailing at the time of supply.
 - (d) Freight charges
 - (e) Any other levy/taxes.
 - (f) In case of exemption from excise duty/or sales tax, documentary evidence shall be furnished with the offer.
 - (g) The prices shall be quoted exactly as per the price schedule enclosed with the tender specification, indicating all elements clearly. In absence of this, the offer shall be liable for rejection.
 - (h) Excise duty and Sales Tax/VAT are payable for the contractual delivery period only at the prevailing rates wherever applicable. No upward variation shall be payable beyond the contractual delivery period, where the supplier is responsible for the delays. The re-imburement of the excise duty will be allowed on the basis of excisable invoice submitted by the supplier.

2. TRANSIT RISK

- (a) Responsibility regarding covering of risks during transit of material shall entirely be on the supplier. The Discom-WZ shall, in any case, not bear the transit risks/ transit insurance charges.
- (b) 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 suppliers, free of cost within one month from the date of intimation by the consignee without awaiting for his settlement from carrier or Insurance Discom-WZ 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's balance bills or from the security deposit as deemed fit.
- (c) While the 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.

(d) Replacement of goods lost/ broken or damaged including loss due to fire:-

Notwithstanding anything here-in contained, the supplier shall undertake responsibility for the safe arrival of the material in good condition and without any loss or damage at the final destination and until the same is actually delivered to/ received by the Discom-WZ at its stores or other places of final destination. For this purpose, material carried by Railway or Road transport or other carriers shall be deemed to be so carried at the risk of the suppliers. In the case of transport damages/shortages, the payment shall be made only for the quantity received in good and working condition and consignee shall lodge claim with the suppliers/ carrier with all necessary documents for settlements of the same with the carriers at supplier's end.

3. PACKING AND FORWARDING

- (a) The supplier shall be responsible for the Stores being sufficiently and properly packed at his expense for transport by rail, road or sea, so as to ensure them being free from loss/damage due to handling and transport to the destination.
- (b) Each package shall be prominently and distinctly marked on at least two faces, indicating the full address of the consignee, destination station, name of material, purchaser's order number, weight and volume of the package etc.
- (c) Each package shall contain in a water proof cover, 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, weight etc. shall also be given.
- (d) The packing shall conform to the specification, rules and regulations prescribed by the underwriters, railways, Transport Agencies. In case of any loss/damage to the consignment due to non-standard packing, the same shall be made good free of all charges to Purchaser by the supplier. All provisions of this clause shall apply whether the disrupting cause is total or partial in its effects upon the ability of supplier to perform.

4. 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 transporter on door delivery basis only.

5. SUBMISSION OF DRAWING AND LITERATURE

Deleted as the work is for repairing of MEs.

- 6. INSPECTION, TESTING AND TEST CERTIFICATES:** The contractor shall give 10 days notice to the Regional office for every lot of ME being ready for dispatch so that representative for pre-delivery inspection and testing may be deputed.

10% of offered lot, 'after repairs shall be subjected to all the' routine tests specified in the relevant ISS and the technical specifications appended hereto.

The Discom reserves the right .of having at .contractor's expenses any test of reasonable nature carried out at the contractors or sub-contractors premises, or at site, in. addition

to the aforesaid tests and those included in the order to satisfy itself that the spare parts supplied and repairs etc. carried out comply with the specifications. The contractor shall be required to rectify the defects found in such tests at his own cost.

In addition to above tests, the Discom reserves the right to carrying out at site such tests as may be decided upon: Such conditions tests will be carried out at the contractors expenses.

The contractor shall submit copies of test certificates to the inspecting officer for each and every unit offered. The test certificates shall be approved by the Inspecting Officer and then the regional office will issue dispatch instruction

The contractor shall record the following certificates on the invoice/packing list (challan) as the case may be:

"Certified that consignment (lots) of repaired CT: PT units sent through this invoice has been inspected and tested by a representative of the. DISCOM. The test results were found to be within the value specified in the relevant ISS/contract as per true copy of approved test results enclosed".

7. RIGHT TO CARRYOUT THE INSPECTION DURING REPAIRNG :

- i) The Discom-WZ, at its option, will inspect the material on order during its process of repairing 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 repairing. During pre-delivery inspection, if any discrepancy is noticed, the supplier shall be given immediate notice to suspend further repairing until corrective measures are taken and the process cleared.
- ii) **FACTORY INSPECTION :-**
The factory inspection of the bidders, who have not executed any order of MPSEB, may be carried out before placing detailed order or during pendency of the order, the factory inspection may be conducted by Discom-WZ's authorized officers 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 Discom-WZ to carry-out testing of equipment/ material at his works.

8. 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.5,000/- per officer.

9. DELIVERY :

- (i) The repaired CT: PT units shall be delivered within 45 days from the date of lifting duly repaired as per the programme (time slot for different repair activities) indicated in Clause-8 (g)
- (ii) The MEs. should be delivered to the consignees within 7 days from the date of issuance of despatch instructions/clearance. Any delay in delivery beyond this period shall attract penalty even though offer for pre-delivery inspection is made timely within the terminal date of delivery.

10. FORCE MAJEURE :

Force majeure condition is herein defined as:-

- (a) Natural phenomena, such as floods, draughts, earth-quakes and epidemics.
- (b) Act of any Government Authority, domestic or foreign, such as war, quarantines, embargoes, licensing control or production or distribution restrictions.
- (c) Accident and disruptions such as fires, explosions, increase in power cut with respect to date of tender opening, break-down of essential machinery or equipments etc.
- (d) Strikes slow down, lockouts continuing for more than three (3) weeks.
- (e) Failure or delay in the supplier's source of supply due to force majeure causes enumerated at (a) to (d) 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.
- (f) Any cause which is beyond the reasonable control of the supplier or purchaser as the case may be.

All the provisions of this clause shall apply whether the disrupting cause is total or partial in its effect upon the ability of the supplier to perform.

NOTE: - The cause of force majeure condition will be taken into consideration only if the supplier within 15 days from the occurrence of such delay notifies. The Discom-WZ shall verify the facts and grant such extension as the facts justify. For extension of delivery period on account of force majeure conditions, the supplier shall submit his representation with documentary evidence for scrutiny by the purchaser and decision of the Discom-WZ shall be binding on the firm.

11 TERMS OF PAYMENT

11.1 Subject to completion of all contractual formalities, 100% payment would ordinarily be made in 45 days or on turn as per queue which ever is later after acceptance of equipments at Stores in good condition. MPPKVCo; Ltd; shall not be liable for any interest. Any other terms of payment shall not be considered.

The supplier shall forward the original RR/MTR and Excise gate pass directly to consignee along with copies of following documents :-

- i) A copy of bill
- ii) Delivery Challan
- iii) Original copy of excise duty gate pass (wherever applicable) along with a photocopy
- iv) The inspection and/ or T.C. approval
- v) Detailed packing list, if required.

11.1 The original bills should be forwarded to the paying authority and should be marked "**ORIGINAL**". The bill should indicate Sales Tax Registration Number (TIN) and date allotted to him under Sales Tax Act.

- 11.2 The following documents will have to be forwarded to the paying authority along with bills in triplicate :-
- i) Bill/ Invoice.
 - ii) Xerox copy of despatch documents i.e. RR/ MTR etc.
 - iii) Dispatch clearance/instructions.
 - iv) Photo-copy of Excise Duty gate pass (wherever applicable).
- 11.3 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.
- 11.6 The Company will make above payment directly in the Account of suppliers. Company is having its Account in S.B.I., Budhwara Br., Ujjain. To make payment directly through Bank, the bidders are requested to furnish following information in respect of their Bank Account:-
- (a) Name of Bank and Branch address.
 - (b) Their Bank Account Number.
 - (c) IFS code of the Branch for RTGS transfer.
- 11.7 Charges required by Bank in this regard will be debited to suppliers'/contractors' Account. Net payment after deduction of charges required by the Bank shall be released in favour of suppliers.

12. PENALTY:

Penalty to the extent of 1/2% (half percent) per week subject to maximum ten percent of cost of repairing charges of units given for repairs shall be levied for delays in handing over of repaired units. The penalty shall be leviable after 45 days from the date of lifting. No penalty shall be leviable for the delay on the DISCOM side i.e. delay in arranging final inspection, final issue of. Dispatch instruction etc. In case the units repaired by the firm fails within guarantee period and repair of it is delayed beyond 3 months, penalty at the rate of 1/2% (half percent) per week subject to maximum of 10% (ten percent) shall be payable on the repairing charges paid for the unit under repair. In case repair is delayed beyond 6 months the entire repairing charges paid for the unit may be recovered from the pending bills of the firm.

13. PERFORMANCE GUARANTEE : 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 repaired/replaced by the supplier, free of all charges. All necessary arrangement on these accounts will be made by the suppliers.

14 (A) SECURITY DEPOSIT

- 14.1 On acceptance of offer, the supplier will have to deposit an amount of 10% of the total value of the order through Demand Draft or Bank Guarantee as Security Deposit.
- 14.2 D.D. to be deposited with office of Regional Accounts officer, MPPKVVCL, Ujjain and original receipt produced to this office shall be returned after conveying the acceptance of Security Deposit.
- 14.3 Demand Draft to be drawn in favour of Sr. A.O., MPPKVVCL, Ujjain drawn on any nationalized/scheduled Bank and payable at Ujjain.

- 14.4 Bank Guarantee in lieu of cash deposit on any nationalized/ scheduled bank strictly as per Board's/Company's proforma (to be supplied along with the order) valid sufficiently to cover the guarantee period.
- 14.5 All SSI Units registered with Industries Department of MP shall be 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 only.
- 14.6 The Security Deposit shall have to be deposited within 30 days of issue of order.
- 14.7 The Discom-WZ shall forfeit the security deposit in the event of non-execution/ part execution of the orders/poor performance of supplier/contractor besides invoking the Penalty Clauses.
- 14.8 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.
- 14.9 No interest shall be paid by the Discom-WZ on security deposit furnished by the suppliers.

(14-B) ADDITIONAL SECURITY DEPOSIT :

For safe custody of defective CT: PT units and performance guarantee of repaired units the firm is required to furnish security deposit Rs.80000/- for holding of 20 units at a time or @Rs.4000/- per ME, in any form mentioned above.

15. COMPLETENESS OF EQUIPMENTS

The equipment/material shall be completed in every respect with all minor fittings and accessories, even though these may not be specifically mentioned in the purchaser's specifications or the tender's offer. The supplier shall not be eligible for any extra price in respect of such minor fitting and accessories which can be considered as an essential part of the basic equipment even though not specifically mentioned in the specification or in the offer.

16. EXTENSION ORDER

16.1 The Discom-WZ reserves right to place an extension order for any additional quantity to the extent of 50% quantity of the original order on the same rates, terms and conditions within six months from the date of order.

17. DESIGN AND INTER-CHANGEABILITY

All similar material and removable parts of similar equipments shall be uniform and interchangeable with each other.

18. TESTING FACILITY & 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 Tests proposed to be conducted in their labs in the event of order, with details of Indian Standard Specifications/codes.

19. MATERIAL TEST CERTIFICATE

Each item of the lot should be tested by the supplier and routine test certificate in duplicate giving the result of all tests prescribed in the relevant ISS (as mentioned in the Technical Specification Schedule) for ordered items shall be submitted to the office of the Order placing Authority for approval along with the letter/ offer for inspection of the material. Please note that each lot will be inspected at your works, which includes witnessing of all tests prescribed in ISS.

20. TYPE TEST CERTIFICATES

Deleted as the work is for repairing of failed defective MEs.

21. RECOVERIES FOR LIABILITIES AGAINST OTHER CONTRACTS

All amount recoverable from the successful bidders against earlier contracts including orders on sister concern with the Discom-WZ will be adjusted from payment due against the contract that may be awarded under this specification.

22. ROYALTIES AND PATENTS

All royalties for patents or any charges for usage or infringement thereof that may be involved in the supply shall be included in the offered price and the supplier shall protect 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.

23. COMPLIANCE OF REGULATIONS

The supplier shall warranty that all Goods covered under repairing, shall have been produced, sold, despatched, delivered, tested, in strict compliance with all applicable Rules, Regulations including Industries (Development and Regulations) Act 1951 and any amendment there under, labour agreements, 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 Regulations 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 purchaser shall not be responsible in any manner whatsoever.

24. CANCELLATION OF ORDER

24.1 The Discom-WZ may upon written notice of default, terminate contract in the circumstances detailed hereunder:-

- a) If in the opinion of the Board/Discom, the supplier fails to deliver the material within the time specified or during the period for which extension has been granted by the Board/Company.
- b) If in the opinion of the Board/Discom, the supplier fails to comply with any of the other provisions of this contract or material is found 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 substandard which is likely to affect the performance of the finished product, a notice would be served by the Discom-WZ to the supplier to suspend further

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

- d) The purchaser at its discretion can lift repaired MEs from the firms works if repairing is not done dimely.

24.2 In the event of such termination, the Board/Discom shall exercise its discretionary power as :-

- a) To recover from the supplier the agreed liquidated damages as approved in the Clause No.12 above.

OR

- b) To get the repairing from elsewhere after giving due notice to the supplier/repairer on account and at the risk of the contractor such stores/ material not so delivered or others of similar description in respect of consignment not yet delivered.

OR

- c) To cancel the contract reserving Discom-WZ's right to recover damages.

24.3 In pursuance to clause no. 24.1 & 24.2 above, M.P.P.K.V.V.Co.Ltd. shall exercise its discretionary power to back-list/debar the supplier/contractor for further business with M.P.P.K.V.V.Co.Ltd. for a declared period on breach of the contract.

24.4 Notwithstanding that the powers under clause (24.2a, b, c & d) referred to above, are in addition to the rights and remedy available to the Board/ Discom under the general law of India relating to Contract.

24.5 In the event of risk purchase of stores of similar description, the opinion of the Board/ Discom shall be final. In the event of action taken under clause 24.2(a) or (b) above, the supplier shall be liable to pay for any loss, which the Discom-WZ may sustain on that account but the supplier shall not be entitled to any saving on such purchases made against the default.

24.6 The decision of the Discom-WZ shall be final regarding the acceptability of the stores supplied by supplier and the Discom-WZ shall not be required to give any reason in writing or otherwise at any time for the rejection of the stores/ material.

24.7 In the event, Discom-WZ does not terminate the order as provided in clause 24.1 & 24.2 above, the supplier shall continue execution of this order, in which case he shall be liable to the Discom-WZ for liquidated damages for the delay as per clause 12 until supplies are accepted.

25. REDUCTION OF RATE DUE TO SUBSEQUENT TENER

As a result of opening of the subsequent tender, if the rates received are found to be lower, then the pending supply against order shall be accepted at the lower rates.

26. 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 or in the case of said arbitrators not agreeing, then to the adjudication of the Umpire to be appointed by the arbitrators, whose decision shall be final and binding on the parties and the provisions of the Indian Arbitration and Conciliation Act-1996 and of the rules there under and any statutory modification thereof shall be deemed to apply. The arbitrators or the Umpire, as the case may be, are bound to give a detailed speaking award assigning reasons for the findings.

Supplies under the Contract shall be continued by the supplier during the arbitration proceedings, unless otherwise, directed in writing by the Purchaser or unless the matter is such that the work cannot possibly be continued until the decision of the arbitrators or of the Umpire, as the case may be, is issued.

27. JURISDICTION

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

28. RANDOM TESTING-

28.1 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 Discom-WZ shall have option to test the samples selected at random from the supplies affected and subject it to routine/ type test as per relevant ISS and Technical specifications.

28.2 In case, the samples fail 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. Company will not be responsible for levy of taxes on such rejected material and deduction shall be in totality.

28.3 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 Company reserves the right to impose any appropriate penalty for full quantity of material supplied against the order. The decision of the Company in this respect shall be final and binding on the supplier.

29. 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 month in following proforma:-

Page 1

S.No.	Particulars	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, if any	Remarks

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

(30) CORRESPONDENCE:-

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

- i) Concerned consignee
- ii) Concerned Sr. A.O /Regional A.O
- iii) S.E. (Stores), MPPKVVCL, G.P.H. Compound Pologround Indore
- vi) Chief Engineer (UR), MPPKVVCL, **Jyoti Nagar, Ujjain.**

31. CLIMATIC CONDITIONS: The climatic conditions where equipment is intended for installation could be taken as under:-

(i)	Maximum temperature of air in shed	45°C
(ii)	Minimum temperature of air in shed	4°C
(iii)	Maximum relative humidity	95 % (The humidity some time approaches saturation point)
(iv)	Minimum relative humidity	10 %
(v)	Average number of dust-storm days per annum	40 days
(vi)	Average number of rainy days per annum	90 days
(vii)	Number of months of tropical monsoon conditions per annum	3 months
(viii)	Average annual rainfall	1250 mm
(ix)	Maximum wind pressure	150 Kg / Sq. mm
(x)	Altitude not exceeding	1000 metres
(The limit of ambient temperature shall be 45°C peak and 35°C average over a period of 24 hours)		

In view reform process, the designations of various authorities mentioned in this tender document at many places viz. Sr.A.O., MPPKVVCo;Ltd; **Ujjain** etc. are subject to change. These shall be intimated as & when required.

Executive Engineer(PUR)
O/o. C.E. (UR).

ANNEXURE-III

IMPORTANT INSTRUCTIONS AND TERMS & CONDITIONS IN TENDER FOR REPAIRING OF 33 KV COMBINED CT: PT METERING UNIT

Sealed tenders are invited by the Chief Engineer (UR), MP Pashchim Kshetra Vidut Vitaran Co. Ltd., Ujjain for the repairs of 33 KV COMBINED CT: PT METERING UNIT as per specification attached.

The bidders are requested to go through the tender documents, instructions and various terms and conditions contained in Annexure-I & II, except as modified/ laid-down hereunder. It may be noted that no conditions or stipulations to the contrary or which are inconsistent will not be accepted. Bidders are requested to ensure that all such schedules along with questionnaire (duly filled-in), are submitted along with their offer. The bidders should also note that in absence of any of the schedules, their offer is likely to be rejected.

(01) SCOPE OF WORK:

Specification of this tender covers repairs of 33 KV combined CT: PT (Metering) units of dual ratings 400-200/5A.

Works involved in repair of Combined CT: PT (metering) Unit on lump sum basis

Lump-sum repairing charges of a unit will be right from lifting defective unit from Area Stores to its delivery after repairs and testing which comprises of the following works:-

- (i) To and fro transportation from Area Stores to Firms works and back.
- (ii) Opening of unit cover, un tanking PT(3-phase) and CT's assembly, cleaning washing of dust & dirt etc. from all parts, removal of parts needs replacement providing identical new PT / CT's or winding with new standard copper wire for both CT and PT with proper insulation, replacement of all damaged parts like bushing, metal parts, pressure release safety device, explosion vent & any other parts require replacement, minor repair of tank, secondary box & conservator etc.
- (iii) Painting of unit from inside as well as outside.
- (iii) Filling of transformer oil (to be arranged from their own source).
- (iv) After complete repairing and assembly its testing as per relevant IS in presence of the Discom representative and delivery at Area Stores in good condition.
- (v) **All the old PT & CT's defective/ damaged fitting equipments shall be retained by the firm.**
- (vii) All repairing work should be done as explained in the "Technical' Specification" for repairs and testing of 33 KV combined CT: PT metering unit.

(02) VALIDITY PERIOD OF ORDER :

The order shall remain in force up to 6 Months. This period can be extended further for 6 months. However, in case the performance of repaired unit i.e. including percentage ratio of failure deferring the currency of the contract at any time is found to be unsatisfactory, the Discom shall have the right to withdraw the order for the remaining period.

(03) PRICES : Lump-sum repair cost for each unit shall be payable as per Schedule-I (Price schedule) of the TS/order. Prices are FIRM for repairs of units, transformer oil and transportation. The lump sum repair cost for unit will be inclusive of all duties and taxes (ED, ST, service tax etc. The rates of repair unit shall be indicated in Schedule-I,

(04) M.P. PASHCHIM KSHETRA VIDYUT VITARAN COMPANY LTD., Indore is a Registered Dealer and TIN Number is 23380203311. Therefore necessary declaration form, wherever applicable, shall be issued after receipt of material at destination, by the M.P. Pashchim Kshetra Vidyut Vitaran Company Ltd., Indore. Any other applicable declaration form for concessional rate of Sales tax/Commercial tax as may be in force shall be given- only after the legal position is verified at our end.

(05) SUBMISSION OF BILLS

(a) All the bills shall be pre-audited and shall be submitted in triplicate to the respective Sr. Accounts Officer/Regional Accounts Officer for payment.

(b) The firms shall be required to submit following documents to the paying authority along with the bills in triplicate

(i) Xerox copy of Material Receipt Certificate (MRC) issued by consignee Area Stores. .

(ii) Copy of dispatch instruction issued by Regional CE office

(iii) Sales tax registration certificate number and date allotted to the firm under sales tax act should be indicated on the bills

(c) The original M.R.C. will be forwarded by the consignee Area Stores to the payment authority under intimation to the supplier towards acknowledgement of receipt of repaired ME. For issue of MRC by the consignee, following procedure shall be adopted:-

(i) Consignee should clearly indicate on the MRC that the firm has used X-mer Oil their from their own sources.

(ii) The outstanding liability towards non-repair of CT: PT unit, failed within guarantee period beyond 6 months (CT: PT units) available at Area Stores and with firm's work shall be indicated on MRC itself with advise to paying authority for recovery of outstanding liability from the bill under process .

(iii) Outstanding liability on account of combined CT: PT unit shall also be indicated in MRC for adjustment.

(06) PAYMENT:

Subject to completion of all contractual formalities, 100% payment would ordinarily be made in 45 days or on turn as per queue which ever is later after acceptance of equipments at Stores in good condition. MPPKVCo; Ltd; Ujjain shall not be liable for any interest. Any other terms of payment shall not be considered.

(07) QUANTITY ALLOCATION

Allotment orders of 12 Nos. failed 33 KV 400-200/5 A combined CT: PT metering units for repairs against this tender shall be issued to the eligible firms. The order may be cancelled even during the validity period of the order if the performance of CT: PT units repaired by the firm are not found satisfactory. The procedure for allotment of CT: PT unit shall be as follows: - .

(i) Serial no. and make of Defective unit shall be allotted by the concerned Regional CE office from the Area Stores situated in the area of jurisdiction.

- (ii) At no point of time holding of units with firm exceeds the amt. of additional security deposit furnished by the firm. However this limit may be increased or decreased as per performance of the firm and our requirement.
- (iii) After return of repaired unit, first allotment in full or part quantity as per dispatch instruction, firm will be required to submit copy of receipted challan issued by the consignee Area Stores regarding number of units returned after due repairs to Regional CE office for further allotment of units. The Regional CE office will further allot defective units to the firm equal to the number of units returned by the firm duly repaired. It will be ensured that at no point of time, holding of units with a firm exceeds the amount. of additional security deposit furnished by the firm
- (iv) Prior to issue of units against allotment order, the EE, Area Stores will ensure that no within guarantee period failed units\ remains in the store in respect to that particular firm.

(08) PROCEDURE TO BE ADOPTED FOR REPAIRS OF UNITS ON LUMP SUM BASIS:-

- (a) As per firm's eligibility allotment of failed CT: PT units from Area Stores under the jurisdiction of the region shall be done.
- (b) Firms will be required to lift the allotted CT: PT units from concerned Area Stores.
- (c) CT: PT units for repairs shall be issued after draining out transformer oil at concerned Area Stores.
- (d) All the defective/damaged parts, fitting equipments together with scrap/PT coils/CTs shall be retained by the firm.
- (e) After lifting of MEs by the firm 'from concerned Area Stores the firm will start repairing work at their works as indicated in technical specification' of the contract.
- (f) Firms will be required, to offer CT: PT (Metering) units for pre delivery /final inspection to Regional CE office who will arrange final inspection & will issue dispatch instruction, to deliver the units to Area Stores, if the test results are found satisfactory.
- (g) The time slot for different repair activities shall be as under:-

Sr. No.	Particulars	Time period	Action to be taken by
1.	Validity of allotment order of combined CT/PT Metering Unit to be repaired.	15 days	Firm
2.	Offer by the firm for final inspection of units from the date of lifting.	33 days	Firm
3.	Pre delivery inspection by Inspecting officer deputed by Regional CE office after receipt of offer from the firm.	5 days	Regional CE office and Inspecting Officer.
4.	Delivery of CT: PT units to concerned Area Stores by the firm after issue of despatch instructions.	7 days	Firm

From above, it is clear that the repair work of combined CT: PT (Metering) unit and their delivery to Area Stores shall be completed as per above schedule.

(09) DEVIATION FROM SPECIFICATION:-

9.1 Should the repairer desire to depart in any respect from provision of this specification either on account of manufacturing practice or any other reason, he must specifically bring the matter to the notice of this office. The repairer must explain in details and every departure is proposes to make from the specifications of the manufacturer's standard specifications, for the plant or composite parts of the plant may be submitted but all discrepancies must clearly intimated and approval in writing shall be obtained for deviations from this office.

9.2 The intention is to adopt original manufacturer's standard equipment and practice as far as possible but these standards must in all respects comply with the conditions of these specifications. In this regards safety from breakdown output capacity performance etc. must pass the specific tests.

9.3 All departures shall be subjected to the approval of this office otherwise the provisions of this specification shall prevail.

(10) PERFORMANCE GUARANTEE:

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 repaired/replaced by the supplier, free of all charges. All necessary arrangement on these accounts will be made by the suppliers.

(11) PENALTY:

Penalty to the extent of 1/2% (half percent) per week subject to maximum ten percent of cost of repairing charges of units given for repairs shall be levied for delays in handing over of repaired units. The penalty shall be leviable after 45 days from the date of lifting. No penalty shall be leviable for the delay on the DISCOM side i.e. delay in arranging final inspection, final issue of. Dispatch instruction etc. In case the units repaired by the firm fails within guarantee period and repair of it is delayed beyond 3 months, penalty at the rate of 1/2% (half percent) per week subject to maximum of 10% (ten percent) shall be payable on the repairing charges paid for the unit under repair. In case repair is delayed beyond 6 months the entire repairing charges paid for the unit may be recovered from the pending bills of the firm.

(12) ADDITIONAL SECURITY DEPOSIT

For safe custody of defective CT: PT units and performance guarantee of repaired units the firm is required to furnish Additional Security Deposit Rs.48000/- for holding of max. 12 units at a time or @Rs.4000/- per ME as per firm's capacity and request.

The firm's are allowed furnishing security deposit in the form of Bank guarantee in the format approved by the Discom or in the form of FDR. The FDR should be pledged in favour of Sr.AO/RAO of Discom' (as the case may be duly discharged).

The contractor shall not be allowed to commence the work of repairs till such time he deposits security as detailed above. After acceptance of security deposit by the Regional CE office, allotment of defective unit for repairs shall be made. The order may be cancelled if security is not deposited within 30 days of receipt. The Additional Security deposit will be returned to repairing firm as and when the firm returns the defective MEs. allotted to him to the Area Stores.

(13) DELIVERY: The CT: PT units shall be delivered within 45 days from the date of lifting duly repaired as per the programme (time slot for different repair activities) indicated in Clause-8(g)

(14) PARALLEL CONTRACTS: The DISCOM reserves the right for entering into parallel contracts with other participating firms other than L1 firm on the rates offered by L-1 bidder and to assign & specify the areas of operation of order.

(15) TRANSFORMER OIL: The transformer oil will normally be drained out in Area Stores before handing over to repairers. However, if handed over without draining oil of the damaged unit whether useable or not shall have to be returned by the contractor to the concerned consignee, failing which recovery of the cost of the same shall be made at the rate of 10% higher than the prevailing market rate for fresh transformer oil. All repaired unit shall be filled with fresh transformer oil to be provided by the firm at their own source.

(16) TRANSPORTATION OF CT: PT UNITS: The consignee of the DISCOM shall make their own arrangements for loading of damaged CT: PT units at the stores and unloading at the stores after satisfactory repairs and testing. The transportation of defective and repaired units and handling at firm's works shall be contractor's responsibility.

Please note that necessary transit insurance of units from our area Stores to your works and back to the destination which will be intimated separately after successful repair shall be arranged by you at your cost.

(17) INSPECTION, TESTING AND TEST CERTIFICATES: The contractor shall give 10 days notice to the Regional office for every lot of ME being ready for dispatch so that representative for pre-delivery inspection and testing may be deputed.

10% of offered lot, after repairs shall be subjected to all the' routine tests specified in the relevant ISS and the technical specifications appended hereto.

The Discom reserves the right .of having at .contractor's expenses any test of reasonable nature carried out at the contractors or sub-contractors premises, or at site, in. addition to the aforesaid tests and those included in the order to satisfy itself that the spare parts supplied and repairs etc. carried out comply with the specifications. The contractor shall be required to rectify the defects found in such tests at his own cost.

In addition to above 'tests, the Discom reserves the right to carrying out at site such tests as may be decided upon: Such conditions tests will be carried out at the contractors expenses.

The contractor shall submit the copies of test certificates to the Inspecting Officer deputed by Regional CE office for each and every unit. The test certificates shall be approved by the Inspecting Officer and then the Regional office will issue dispatch instruction.

The contractor shall record the following certificates on the invoice/packing list (challan) as the case may be:

"Certified that consignment (lots) of repaired CT: PT units sent through this invoice has been inspected and tested by a representative of the. DISCOM. The test results were found to be within the value specified in the relevant ISS/contract as per true copy of approved test results enclosed".

(18) DESPATCH INTIMATION: The contractor shall be required to send a monthly statement of quantity of CT: PT units of various makes, types and capacities received from various consignee officers and delivered back to them after satisfactory repairs and testing during the respective month so as to reach the CE (UR) office by seventh of next month. A copy of the monthly statement shall also be given to the SE (Stores) of the DISCOM.

(19) RESPONSIBILITY FOR SAFE CUSTODY OF CT: PT UNITS DURING THE REPAIR PERIOD:

The contractor shall be entirely responsible for safe custody of the CT: PT units from the day the damaged CT:PT units are issued by the consignee officers and up to the time of delivery' at Area Stores. In case of any loss, cost shall be deposited by repairer or recovered from BG/SD.

(20) STATEMENT OF DESPATCHES:-

20.1 The contractor will be required to send the following to the Regional CE office with a copy to the SE (Stores) of the DISCOM

(A) A copy of the invoice pertaining to each batch/lot of CT: PT units repaired by him immediately after delivery of the same to, the consignee Area Stores.

(B) Statement of CT: PT. units 'repaired and delivered in the proceeding month should be submitted on the following proforma so as to reach by seventh of the following month:-

S.No.	Name of Region	Name of stores, Qty. in nos. (from the beginning)	Qty allotted till end of month under report (since beginning of rate contract in each rating)
1	2	3	4
No. of CT:PT units received/ lifted till end of month under report (since beginning)	No. of CT: PT units whose predelivery inspection done (since beginning)	No. units of CT:PT repaired and returned upto end of month under report (since beginning)	No. of repaired CT: PT units for which inspection and testing is pending to be done (since beginning)
5	6	7	8

A statement showing the details of CT: PT units repaired against the contract during preceding month :

Sr. No	Total quantity allotted in the month			Total repaired in the month			Balance to be repaired. against the order		
	Area Stores	Rating	Qty.	Area Stores	Rating.	Quantity	Area Stores	Rating.	Quantity
1	2	3	4	5	6	7	8	9	10

(D) A statement of within guarantee period failed CT:PT units lifted by the firm and returned during the month shall also be furnished to all concerned

(21) RESPONSIBILITY OF CONTRACTOR:-

21.1 The contractor shall be entirely responsible for the execution of the order in accordance with the terms and. conditions, technical specifications and schedule etc.

21.2 The contractor will have to make goods, free of cost any changes in order to make the apparatus to conform to the specifications and technical details as ordered without additional cost to the DISCOM

21.3 Approval of contractors or sub-contractors drawing or of test certificates or of material or of other parts of the. Works involved in the contract or of tests carried out either by him or by the representatives of this DISCOM shall not be held to relieve him or any part of his obligations of meeting all the requirements of these specifications or of the responsibility for the correctness of the contractor's drawings.

(22) INTERCHANGEABILITY : All parts shall be made according to standard specification as far as possible so as to facilitate replacement and repair. All corresponding parts of similar make, type and capacity of CT: PT units including the spare parts shall be interchangeable.

(23) FACTORY INSPECTION:

(i) The MPPKVVCL shall have option to depute a team of authorized officers to visit and inspect the' factory after opening of the tender or before issue of detailed order, for which necessary intimation shall be given.

(ii) The bidders shall extend all reasonable and necessary assistance to the inspecting officers of the MPPKWCL to carry out factory inspection.

(24) PARTIES TO THE CONTRACT:

(24.1) The Discom and its officers as aforesaid shall be deemed to be the parties to the contract

(24.2) All disputes pertaining to the supplier/works under the contract shall be referred to this office.

(24.3) All disputes if any, out of or in respect of this contract are to be settled at Head Quarter of this office or be trial-able in any competent court situated at Head Quarter of this office only.

**Executive Engineer(PUR)
O/o. C.E. (UR).**

SCHEDULE – I

Schedule of Prices for repairs of 33 KV Combined CT/ PT (metering) Unit of class 0.5 accuracy class Ratio 400-200/5 A. against TS No.CE/UR/10-11/Pur./Tender-36

S. No.	Particulars	Tender Qty. (in No.)	Offered Qty. (in No.)	33 KV 400-200 / 5 A *Lumpsum per unit repair cost including all taxes and duties, Cost of X-mer Oil & to & fro transportation (Rs. /unit)
1.	Lump sum repairing charges for 33 KV CT:PT combined (Metering) unit of 0.5 accuracy class (including to & fro transportation of unit) which includes opening of the unit cover, un tanking PT (3 Phase) and CT assembly , cleaning washing of dust and dirt etc, from all parts , removal of parts need replacement providing identical new PT & CT's replacement of bushings, metal parts, pressure release safety device, explosion vent and any other parts required replacement minor repair of tank , secondary box & conservator (if required), painting from inside and outside to make unit as good as new after taking credit of all the old PT & CT's / defective / damaged fittings equipments to be retained by the repairer, cost of transformer oil is also included in the rates.	12		

S. No.	Bifurcation of against :	*Please specify rate (Rs./No.)
(1)	Ex-works repairing rate inclusive of packing charges.	
(2)	Excise Duty & Cess	
(3)	Forwarding & freight/Insurance charges	
(4)	Sales Tax/VAT. (Specify clearly).	
(5)	Entry Tax/Any other Tax. (Specify clearly).	
(6)	Conditional/Unconditional rebate if any. (Less)	
(7)	Cost of Fresh EHV Gr.II X-mer Oil	
(8)	Transportation Charges.	
(9)	Unit F.O.R. Destination price inclusive of all the charges, Taxes & duties etc.	

Place
Date

Signature of Tenderer
Name in full
Designation/Status
Company Seal

SCHEDULE-II

TECHNICAL SPECIFICATIONS FOR REPAIR AND TESTING OF COMBINED CT:PT METERING UNITS AGAINST TENDER SPC.NO.CE/UR/10-11/ PUR./ TENDER-36 DUE ON 16.12.2010

(01) SCOPE: This specification covers assessment and estimation for repair involved Complete repairs, testing and safe delivery of combined CT: PT metering units of various makes, types and ratings lying damaged in various divisions/Area stores of the DISCOM.

(02) STANDARDS:

The **11 KV** and **33 KV** oil immersed CT: PT (metering equipment) Unit and the associated accessories shall conform in all respect to the following relevant standard specification, with latest amendment there-to: -

Indian Standard specification	Title
IS 2705: 1992	Specification for Current Transformer
IS: 3156:1992	Specification for Voltage Transformers
IS: 335:1983	Specification of Transformers Oil .
IS: 2099:1986	Specification for bushing for AC voltage above 1 KV
IS:5561	Specification for terminal connector

(03) CLIMATIC SERVICE CONDITIONS:

The 11 KV and **33 KV** oil immersed CT: PT (metering equipment) Unit to be repaired against this specification should be 'capable 'of performing and maintaining required accuracy under extreme hot, cold, tropical and dusty climate- and solar radiation typically existing in the State of M.P. The 11 KV and **33 KV** oil immersed CT: PT (metering equipment) Unit shall be required to operate satisfactorily and continuously under the following tropical climatic conditions:

(a)	Maximum ambient air temperature	50°C
(b)	Maximum ambient air temperature in shed	45°C
(c)	Maximum temperature. attainable by the ME exposed to sun	85°C
(d)	Minimum ambient temperature	(-) 5°C
(e)	Average daily ambient air temperature	40°C
(f)	Maximum relative humidity	95%
(g)	Number of months of tropical monsoon condition	4 months
(h)	Maximum altitude above mean sea level	1000 m
(i)	Average annual rain fall	150 cms '
(j)	Maximum wind pressure	150 kg/sq.m
(k)	Isoceraunic level (days per year)	50
(l)	Seismic level (horizontal accn.)	0.30 g
(m)	Permitted noise level	4S.db

(04) PRINCIPAL PARAMETERS:

11 KV and **33 KV** combined CT: PT ME units shall be suitable for 50 Hz frequency & for service under the system 'conditions having frequency fluctuations of +/- 4% and voltage fluctuation of +9% / -13.5%. The **11 and 33 KV** oil immersed combined CT:

PT (metering equipment) units shall be hermetically sealed, and suitable for service under the system conditions as per following specific parameters:

Sl. No.	Particulars,	Parameters	
		11 KV	33 KV
1.	Type of installation	Outdoor	
2.	System frequency	50 Hz \pm 4%	
3.	Normal System Voltage	11KV	33 KV
4.	Highest System Voltage for substantially long period	12KV	36 KV
5.	System voltage fluctuations	+ 9% & -13.5%	
6.	System earthing	Solidly grounded	

(05) TECHNICAL REQUIREMENT:

The 11 KV and **33 KV** oil immersed combined CT:PT (metering equipment) units shall conform to the following specific parameters

S. no	Particulars	Requirement	
		11 KV	33 KV
1	Frequency.	50 HZ	
2	Specification of CT and PT of Metering Unit		
A	Current Transformer		
	(i) Dual CT ratio for, Energy Audit	300-1S0/SA	400-200/SA
	(ii) Accuracy Class	0.5	
	(iii) VA burden	As per rating plate of the, defective unit	
	(v) Power Frequency withstand voltage	28KV(rms)	70KV(rms)
	(vi) Lightning impulse withstand voltage	75 KV (peak)	170 KV peak.
	vii Short time thermal current rating in KVA	13.1 KA for 2 Sec.	
B	Potential Transformer (VT)		
	i. PT ratio	11KV /110V	33KV/110V
	ii VA burden per phase	As per rating plate of the defective unit	
	iii Class of accuracy	0.5	
	iv Power Frequency withst & voltage,	28 KV (rms)	70 KV (rms)
	v Lightning impulse withstand voltage	75 KV peak	170 KV peak
	vi Winding connection	Star Star	Star Star
3	Maximum attainable winding temperature	85° C	
4	a Minimum phase to phase distance	255mm	430mm
	b Shortest distance between metal part & earth	190 mm	380mm
	c Creepage distance of HV bushing	300mm (Min)	900mm (Min)
5	Bi-metallic terminal connector with nut, plain washer, spring washer & check nut suitable for DOG AAC Conductor for 33 KV and for Rabbit AAAC conductor for 11 KV	6 Nos. to be provided	

(6) CT: PT:

(6.1) 11KV and **33 KV** combined metering equipment unit shall comprise of 3 nos. CTs conforming to IS-2705: 1992 and should not exceed the current ratio error and phase displacement error as prescribed therein and 1 no. three phase 'PT conforming to IS-3156: 1992 and should not exceed the ratio error and phase displacement as prescribed therein. The oil characteristics shall be 'conforming to IS-335: 1983 & with latest amendments and upgrade,' if any. The CT secondary winding shall be suitable for transformer oil filled equipment.

(6.2) The primary of PTs shall be 3 phase star connected with HV side neutral floating. The primary winding has to be designed for unearthed. Neutral for the highest system voltage i.e. 36 KV for **33 KV** and 12 KV for 11 KV. PT winding should have uniform insulation throughout from terminal to neutral end, and not the graded insulation. The 11 KV metering unit should be suitably designed for with-standing the unbalanced voltages developed due to single phasing operation during load regulatory measures in 11KV distribution system. It should be capable of withstanding the disturbance of back e.m.f, magnetic characteristic and consequential mechanical inter-play of forces, if any, under such single phasing. Secondary winding of PT should be three phase star connected with neutral brought out. On secondary side of PT four terminals shall be marked as r, y, b and n; No PT fuses are to be provided either on primary side or on secondary side.

(6.3) Normal current density shall not be more than 1.5 Amps/sq.mm. in primary winding of the CT.

(6.4) The primary winding shall be of adequate cross section to carry continuously the rated current plus 20% percent overload continuously.

(07) REPAIR WORK: The repair work shall involve opening of unit cover, de tanking core, coil, assembly and CTs cleaning, washing of dust and dirt from all parts including core, tanks retanking after reassembly, of all replaceable new parts after marking and painting etc. and making the unit ready for the tests and testing for all the routine tests as per IS:2705 and IS:3156 with its latest amendment thereof, if applicable.

(08) REPLACEMENT OF PARTS :

(8.1) This will involve removal of all parts requiring replacement thereafter fitting of new parts such as PT C3-phase), CT's bushings gaskets cover bolts/ sealing, nut-bolt, etc.

(8.2) The three phase PT to be replaced shall be identical to the original in rating accuracy etc.

(8.3) The CT's to be replaced shall be identical to the original one in rating accuracy and in other respect.

(8.4) The insulation shall be of uniform density, free of pin hole and free from any conducting foreign particles conforming to the ISS and shall be of such size and material as provided in the original unit.

(8.5) The number of turns dimensions and size of PT and CT's shall be exactly the same as that of the original unit so that electrical/ mechanical characteristics on the repaired unit shall remain same as that on original unit.

(8.6) All threaded connections shall be provided with suitable locking devices. , All leads from the winding to the terminals and bushings shall be rigidly supported to prevent damage due to vibration. It would be preferable to use sleeves wherever practicable.

(8.7) The CTs and PT shall be clamped securely in place so that they will not be displaced or deformed during short circuits. The assembled CT and PT shall be dried, suitably impregnated to develop full electrical strength.

(09) TOP COVER GASKET AND BOLTS:

(9.1) The gasket provided in between for cover plate and tank shall be of 5mm thick Neoprene rubberized cork sheets.

(9.2) GI nut bolts shall be of the same size as used with one plain and one spring washer to press the cover plate properly.

(10) BUSHINGS / TERMINALS AND CLAMPS: For 11 KV and **33 KV** Primary bushings and secondary terminals of standard make and rating shall be used. Bushings of the same voltage class shall be interchangeable. Bushings with plain sheds shall be mounted. These bushings seeking arrangement shall be such that oil should not leak out from the bushing/ME tank.

6 nos. bi-metallic clamps suitable for AAAC Dog conductor for **33 KV** and AAAC Rabbit conductor for 11 KV shall be provided. The terminal connector shall conform to the latest version of IS:5561 In respect of terminal connectors following should be ensured:-

- (i) The terminal connector should be made of A6 Aluminium alloy and manufactured by gravity' die-cast.
- (ii) All casting shall be free from blow holes, surface blisters, cracks and cavities. All sharp edges should be rounded off.
- (iii) No part of clamp shall be less than 12 mm thick
- (iv) The bi-metallic strip/sleeve shall be minimum 2 mm thick
- (v) All nut/bolt/washers shall be of stainless steel.
- (vi) The conductor should be tightened by minimum 4 bolts. Conductor hold must not less than 50mm.

(11) PROTECTION DEVICES:-

(11.1) A pressure release safety device suitable for operation at a pressure of 0.4 to 0.5 Kg/Sq.mm. shall be provided

(11.2) An explosion vent diaphragm shall be provided which should operate at a pressure of 0.6 to 0.8 Kg./Sq.cm

(11.3) The pressure of pressure release device and explosion vent diaphragm shall be properly coordinate.

(12) FREQUENCY: The repaired units shall be suitable for continuous operation with the frequency variation of $\pm 4\%$ from normal frequency of 50 Hz without exceeding permissible temperature rise.

(13) TRANSFORMER OIL: The repaired unit will be filled with fresh EHV Gr.II oil to be provided by the firm from their own source. The oil to be used by the repairer from their own source shall conform to EHV Gr.II specification.

The oil in the ME shall be filled under vacuum. Oil drain valve or sampling cock or non return type oil filling valve provided to facilitate factory processing shall be sealed before dispatch of Units.

The CT: PT units shall be hermetically sealed. The conservator shall normally contain 3% quantity of the total oil.

(14) TESTS & TEST CERTIFICATE:

(14.1) 10% unit against offered lot shall be subjected to all the following routine tests as per IS:2705/IS:3156 and amendment thereof if same is applicable to be witnessed by the officer deputed by Regional office on receipt of call from the repairer.

Each of completely assembly metering unit shall be subjected to the following routine tests at the manufacturers works in accordance with the details specified in IS:2705 and IS:3156:-

- (a) Verification of terminal marking and polarity test of CT and PT metering unit
- (b) Power frequency dry withstand test on primary winding of CT and PT of metering unit
- (c) Power frequency dry withstand test on secondary winding of CT and PT of metering unit.
- (d) Over voltage inter turn test on CT of metering unit
- (e) Induced voltage test on PT of metering unit
- (f) Break down voltage test of transformer oil
- (g) Pressure test on tank of metering unit at 0.8Kg/5q.cm
- (h) Ratio & Phase angle error test of CTs of metering unit
- (i) Insulation resistance test with 1 KV megger

(14.2) The Discom reserves the right of conducting, any test of reasonable nature carried out at the contractor's or sub-contractors premises or at site in addition to the aforesaid tests and those included in the rate contract to satisfy itself that the spare parts supplied and repairs etc. carried out comply with the specifications. The contractor shall be required to rectify the defects found in such tests at his own cost.

(14.3) The contractor shall submit copies of test certificates to the Inspecting Officer for each and every unit for approval.

(14.4) The fresh transformer oil (filled) shall also be tested for its dielectric strength in accordance with EHV Gr.!! Specifications and any amendment thereof.

(14.5) The voltage and current ratio shall be in the permissible limit of error. The contractor shall give 10 days notice to the Regional CE office at every lot of material being ready for dispatch so that he may depute his representative for inspection and testing. After satisfactory inspection the test certificates shall be approved by the Inspecting Officer and the Regional office will issue dispatch instructions to the contractors. In addition to the above tests, the Company reserves the right to carry out at site such tests as may be decided upon. Such additional tests will be carried out at the contractor's expenses.

The contractor shall record the following certificates on the invoice/packing list (challan) as the case may be:

"Certified that consignment (lot) of repaired instrument transformers sent through this invoice has been inspected and tested by a representative of the Discom in accordance with the technical specification of rate contract. The test results were found to be within the values specified in the relevant ISS/contract as per true copy of approved test results enclosed

(15) PAINTING:

(15.1) All metallic surfaces exposed to weather and requiring paint shall be given suitable priming coat and two coats of best paints of ISI marked of the light grey colour No. 631-IS-5

(15.2) The inside of units shall be given suitable priming coat and two coats of best paint of zinc chromate or any of the reputed ISI marked paint which may not cause any deterioration in the properties of the insulating transformer oil

(15.3) All primer/paint shall be ISI marked

(16) INSPECTION :

(16.1) All the tests and inspection shall be made at the works of the repairers. 10% of the instrument transformer against offered lot shall be tested for all the routine tests after repairs in the presence of the representative of the Company. All reasonable facilities shall be given by the repairer to the inspecting officer, to facilitate inspection and testing.

(16.2) The Discom has the right to have the test carried out at contractor's expenses by an independent agency whenever there is any dispute regarding quality of repair and testing etc.

(17) MARKING:

(17.1) After satisfactory repair and testing the contractor shall have to clearly print on white paint following details on the both width side of body of the repaired units in block of suitable size in white paint and boundary line in black colour in addition to repairer name plate to distinguish it from normal new supplies:

- (i) Repaired by M/s.
- (ii) Order No.
- (iii) Tested on
- (iv) Name of Area Stores and date of return
- (v) Guarantee period expires on

(17.2) In addition to above provision the name of repairers, month year of return and Specification no. of repair contract shall be punched on an Aluminum plate. The plate shall be fixed firmly by rivets (not by screws) on the body of repaired unit just below the original manufacturer name plate at any other suitable place if the same is not possible. The punched letters will be painted with good quality black paint for clear visibility. The details to be punched on the plate will be as per specimen given below :-

PARTICULARS OF REPAIRS

Name of Repairer	Date of return after repairs	Specification no. of Repair Contract
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**Executive Engineer(PUR)
O/o. C.E. (UR).**

SCHEDULE – III

SCHEDULE OF QUESTIONNAIRE (CHECK LIST) PART “A”: GENERAL INFORMATION (TO BE KEPT IN THE ENVELOPE PART –II, “COMMERCIAL/TECHNICAL BID)”

- (*) Strike off, whichever is not applicable.
- (*) Separate sheets should be used, wherever necessary.
- 1. Name & Address of the Bidder :
- 2. Name & Address of the firm/ :
Company etc.
- a) Registration office :
- b) Factory/ works address :
- c) Telegraphic address :
- d) Telex/fax Nos. :
- e) Telephone Nos. :
- 3. Confirm whether tenderer is a :
Manufacturer/Repairer of MEs/DTRs.
- 4. Give following particulars :
- a) Address of factory :
- b) Year of starting manufacture/Repairing :
- c) Whether the same /similar :
material manufactured/repared earlier,
(if yes, give reference)
- d) Yearly/monthly production capacity :
- e) Maximum yearly production/repairing :
achieved so far.
- 5. Whether the firm is an : Yes / No.
MP SSI Unit
- a) If yes, write registration No. :
- b) Whether documentary evidence :
regarding registration enclosed.
- c) Items of registration :
- d) Period of registration :
- e) Furnish latest copy of : Yes / No.
Competency/certificate

6. a) Whether the bidder is old participant with MPSEB/MPPKVCo; Indore. : Yes / No
- b) If yes, whether documentary evidence with details of orders received & executed during last five years, enclosed. :
7. Any other information that bidder may like to give in order to highlight his bid. :

PLACE:

DATE:

SIGNATURE OF TENDERER

WITH SEAL OF FIRM

NAME IN FULL

DESIGNATION/STATUS

SCHEDULE – III

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

- * Strike off, whichever is not applicable.
- * Separate sheets should be used, wherever necessary.
- i) Earnest Money details : Bank draft/Bankers cheque/
Cash with Sr. A.O,
MPPKVCo; Ltd; Ujjain.
- ii) Amount of EMD & full details : Rs. _____
- iii) If exempted, state : SSI Unit of M.P./small
whether the bidder is Scale unit registered
with NSIC/Fully owned
Stated/Central Govt. Unit.
- iv) Whether reference of documentary : Yes/No
evidence regarding exemption enclosed
2. Whether the offer is valid : Yes/No
for 180 days from the date : (If no, state validity
of opening of commercial/ period).
Technical bid.
3. State whether the quoted :
prices are FIRM.
4. **MODE OF DESPATCH** :
- i) To supply the material on door delivery
basis and through bank approved road
Transporter, and
- ii) for payment after receipt of materials
in good condition.
5. **DISCOUNT:-**
- i) Whether any rebate/discount is offered :
- ii) If yes, whether the rebate is
unconditional/conditional :
- iii) Rate/amount of rebate/discount :
- iv) If conditional state condition. :
6. **PAYMENT TERMS:**
Whether MPPKVCo; Ltd; Indore’s
terms of payment is acceptable :
to the tenderer.

7. **DELIVERY PERIOD:-**
- a) Commencement of supplies from the date of order/approval of drawing :
b) Completion & supply rate from the date of LOI/Order :
8. **PANALTY CLAUSE:-**
Whether agreeable MPPKVCo; Ltd; Indore's Penalty Clause. :
9. **GUARANTEE PERIOD:**
Whether agreeable MPPKVCo; Ltd; Indore's Guarantee Clause. :
10. **SECURITY DEPOSIT:-**
(A) Whether agreeable to furnish Board/ MPPKVCo;Ltd; Indore's Standard security deposit @ 10% of value of order, for faithful execution of the order and to cover performance Guarantee period. :
(B) Additional Security Deposit Clause for holding defective units with the firm. :
11. Indicate State, Central Sales Tax Registration Number (Please note that 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) : State
: Central
12. Whether photocopy of the clearance from the Income Tax & Sales Tax Dept. and profit & loss Account and Turn over for last 3 years up to the last financial year have been enclosed. : Yes / No
13. **EXETENSION ORDER:-**
- (a) Whether you are agreeable to accept extension order on the same on the same rates, terms & condition if any extension order is placed within 6 months from the date of placement of detailed order to the extent of 50% quantity indicated in main order. : Yes / No

- (b) Whether you are agreeable to accept order for additional quantity if place by other two DISCOMs i.e. CMD (CZ) Bhopal and CMD (EZ), Jabalpur. : Yes / No
14. Whether rates offered are applicable for part quantities also. : Yes / No
15. Have you noted that you have quoted total F.O.R. destination price inclusive of all taxes and duties in the price Schedule of the tender. :
16. Please furnish the break-up of following element included by you in your quoted price (The break-up in price have been asked for indicative purpose and shall not be payable extra). :
- (a) Excise Duty :
- (b) Sales Tax/Vat Tax & Surcharge :
- (c) Any other Taxes/Duties etc. :
- (d) Freight. :
- (e) Entry Tax. :

PLACE

SIGNATURE OF TENDERER
WITH SEAL OF FIRM

DATE:

NAME IN FULL
DESIGNATION/STATUS

SCHEDULE – III

PART “C”: TECHNICAL INFORMATION

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

- * Strike off, whichever is not applicable.
- * Separate sheets should be used, wherever necessary.
- 1. a) Whether material offered : Yes / No
is exactly as per the technical specification.
- b) If not, gives details of technical :
deviation (Information may be given in deviation schedule given with document for this purpose)
- 2. Whether the copies of orders : Yes / No. give details
received during last 5 years from State Electricity Boards/ NTPC & form other organization for similar material enclosed.
- 3. Whether performance certificate : Yes / No. give details
from such Organisation regarding supplies enclosed.
- 4. Whether pamphlets/technical : Yes / No. give details
details, literatures etc. furnished with the offer.
- 5. Whether test certificates : Yes / No.
in respect of chemical composition and physical properties of tendered materials from Govt./Govt. approved lab has been enclosed.
- 6. Whether the tenderer has furnished : Yes / No.
details of manufacturing equipments and short history of plant.

7. Whether details of manufacturing process furnished with offer. : Yes/No.
8. a) Whether all testing facilities are available, if so, give details. In case of non-availability of facilities indicate approved lab. available in surrounding areas where tests are proposed to be conducted.
- b) Whether you agree for inspection by MPPKVVCo;Ltd;'s representative prior to dispatch and bear the testing charges for all test as per relevant standards. standards. : Yes / No. : (give full details if test to be conducted and reference of relevant standard specification)
9. If there are any deviations from the technical specification as described in the tender with the items offered. by you the same shall be brought out separately in Part-C of Schedule –IV. :

DATE:
PLACE :

SIGNATURE OF TENDERER WITH SEAL.

UNDERTAKING

I, ----- Sole proprietor / partner of M/s. -----
----- undertaking that details given are correct to the best of my knowledge and I agree to abide by all your tender / order terms and conditions.

PLACE:
DATE:

SIGNATURE OF TENDERER
NAME IN FULL
STATUS
COMPANY SEAL

SCHEDULE –IV**PART “A”****SCHEDULE OF PAST EXPERIENCE**

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

Bidder’s Name & Address:

To,

The Chief Engineer (Ujjain Region),
MPPKVV Co. Ltd.,
Jyoti Nagar, Ujjain.

Sub: - Performance /past experience

Dear Sir,

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

Sl. No.	Purchaser’s Name and Address	Order Number and Date	Ordered Quantity	Quantity supplied	Value Order.
1.	2.	3.	4.	5.	6.

PLACE:

SIGNATURE OF TENDERER

DATE:

NAME IN FULL

DESIGNATION/STATUS IN
THE FIRM
COMPANY SEAL

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

SCHEDULE –IV**PART “B”****SCHEDULE OF COMMERCIAL DEVIATION**

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

Bidder’s Name & Address:

To,

The Chief Engineer (Ujjain Region),
MPPKVV Co. Ltd,
Jyoti Nagar, Ujjain.

Sub: - Commercial Deviation

Dear Sir,

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

Sl.	Condition	Clause No. of Tender document	Page No. of Tender document	Statement of deviations and variations.
1.	2.	3.	4.	5.

2. 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 :

DATE:

SIGNATURE OF TENDERER

NAME IN FULL

DESIGNATION/STATUS IN THE FIRM
COMPANY SEAL.

Note: - Continuation sheet of like size & format may be used as per bidder’s requirement and shall be annexed to this schedule.

SCHEDULE –IV**PART “C”****SCHEDULE OF TECHNICAL DEVIATIONS**

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

Bidder’s Name & Address:

To,

The Chief Engineer (Ujjain Region),
MPPKVV Co. Ltd.,
Jyoti Nagar, Ujjain.

Sub: - Technical Deviations.

Dear Sir,

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

Sl.	Condition	Clause No. Of Tender document	Page No. of Tender document	Statement of deviations and variations.
1.	2.	3.	4.	5.

2. 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 TENDERER

DATE:

NAME IN FULL

DESIGNATION/STATUS IN
THE FIRM
COMPANY SEAL.

Note: - Continuation sheet of like size & format may be used as per bidder’s requirement and shall be annexed to this schedule.

Schedule – V

INDEX OF DOCUMENTS SUBMITTED BY THE BIDDER

(Kept in Part – II, envelop as a cover page)

Bidders are requested to indicate the page numbers of the following documents

Sr. No	Particular	Document Page No.
1	If firm is Manufacturer/Repairer of MEs./DTRs. indicates reference.	
2	Details of installed manufacturing capacity	
3	If firm is Authorized Dealer, provide authorization letter.	
4	Details of balance sheet for last 3 years.	
5	Details of Present Commitments.	
6	Details of Quality assurance system.	
7	Sales Tax certification.	
8	Power of attorney of authorized signatory.	
9	Original Tender form.	
10	Original tender documents duly sealed and signed.	
11	If type test required provide reference of certificates.	

Sr. No	Particular	Document Page No.
12	If ISI License required provide reference of ISI certificate.	
13	Reference of Schedule - III (A)	
14	Reference of Schedule – III (B).	
15	Reference Schedule - III (C).	
16	Reference Schedule – IV(A).	
17	Reference Schedule – IV (B)	.
18	Reference Schedule- IV(C).	

----- X -----