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Note: The bidders, in their own interest are requested to read very carefully Section-I (Instruction to Bidders), Section-II (General Condition of Contract) & Section-III (Technical Specification) before filling the bid. The Bid documents be downloaded from JVVNL website www.jaipurdiscom.in . No hard copy of the bidding documents will be provided to the bidders through this office. In case of any discrepancy found in the bidding documents downloaded from the website and appended with the bid (as a bid document) and the original copy of such document available in the office of Superintending Engineer (MM), Jaipur discom, Jaipur then the copy available with Superintending Engineer (MM), Jaipur discom, Jaipur will be considered as final document for all purposes. The cost of Bid document as published in NIT shall be furnished along with downloaded bid document in the manner prescribed in bid document.

**JAIPUR VIDYUT VITARAN NIGAM LIMITED
(MM CIRCLE)
OLD POWER HOUSE PREMISES, BANI PARK, JAIPUR -06**

TELEPHONE: 0141-2202607

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**BID DOCUMENTS FOR PURCHASE OF MOULDED CASE CIRCUIT BREAKER
(MCCB) SUITABLE FOR SINGLE PHASE LT CIRCUITS UNDER SPECIFICATION
NO.JPD/SE/MM/SPO-VI/TN-2145**

| S.No | ITEM | QUANTITY |
|------|---|--|
| 1 | Moulded Case Circuit Breakers (MCCBs) of various frame size (continuous current ratings) with fixed overload release settings for installation with single phase DT: i) 150/120 Amp. ii) 100/80 Amp. . iii) 63/25 Amp. | 12000 Nos. 15000 Nos. 15000 Nos. |

LAST DATE AND TIME FOR : 13.06.11 (up to 2.30 PM)
RECEIPT OF BID

DATE AND TIME OF : 13.06.11 (AT 3.00PM)
OPENING OF BID

EARNEST MONEY: Rs.2,00,000.00 (Rs. Two Lacs only) /
Exemption certificate or Vender
registration of Class "C" or above category.

COST OF THE : RS.2500.00 (non refundable)
SPECIFICATION

VALIDITY : 120 DAYS FROM THE NEXT DATE
OPENING OF TECHNO-COMMERCIAL
BID.

NOTE: The bidders, in their own interest are requested to read very carefully Section-I (Instruction to Bidders), Section-II (General Condition of Contract) & Section-III (Technical Specification) before filling the bid. The Bid documents be downloaded from JVVNL website www.jaipurdiscom.in . No hard copy of the bidding documents will be provided to the bidders through this office. In case of any discrepancy found in the bidding documents downloaded from the website and appended with the bid (as a bid document) and the original copy of such document available in the office of Superintending Engineer (MM), Jaipur discom, Jaipur then the copy available with Superintending Engineer (MM), Jaipur discom, Jaipur will be considered as final document for all purposes. The cost of Bid document as published in NIT shall be furnished along with downloaded bid document in the manner prescribed in bid document.

JAIPUR VIDYUT VITARAN NIGAM LIMITED

OLD POWER HOUSE, NEAR RAM MANDIR, BANI PARK, JAIPUR-302006

Phone: 2202607 Fax: (0141) 2202025

TECHNICAL SPECIFICATION

FOR

MOULDED CASE CIRCUIT BREAKER (MCCB) SUITABLE FOR

SINGLE PHASE LT CIRCUITS

AGAINST TN-2145

Section - III**TECHNICAL SPECIFICATION FOR SUPPLY OF MOULDED CASE CIRCUIT BREAKER (MCCB) SUITABLE FOR SINGLE PHASE LT CIRCUITS AGAINST TN-2145.****3.1.1 SCOPE:**

This specification covers design, manufacture, assembly, testing at manufacturer's works before dispatch and delivery at Nigam stores any where in the jurisdiction of Jaipur Discom, of "Moulded Case Circuit Breakers (MCCBs) of specified current ratings and suitable for single phase LT circuits as mentioned hereunder".

The bidder may kindly go through the qualification requirements given at Schedule-III(A) before submission of tender offer to ensure their eligibility to quote.

3.1.2 TECHNICAL REQUIREMENTS OF SPECIFICATIONS:**3.2.1 General description and Standards:**

The Moulded Case Circuit Breaker shall be generally conforming to I.S. 13947-2/ 1993 or IEC: 947-2 as amended up to date. The rated un-interrupted current of MCCB shall be 63 Amp with the overload released set at 25 Amps (For MCCBs to be installed with 5 KVA Single Phase DT) similar 100/80 Amps (For MCCBs to be installed with 16 KVA single phase DT) and 150/120 Amp. (For MCCBs to be installed with 25 KVA single phase DT). The MCCB meeting the specified tripping characteristic shall be product of category-A (To be tested on test sequence I, II & III of IS) and fully type tested as per relevant standards and such type test certificates shall be furnished along with the tender.

3.2.2 Make and Models:

The MCCB shall directly be purchased from the manufacturers. The make and offered model number shall be indicated invariably in the price schedule as well as Guaranteed Technical Parameters of the tender documents. All the Manufacturers shall enclose Credentials related with type-testing of their product as per the specifications of this tender and past supplies to the Govt. Purchasers and performance certificates from such users for performance and after sale services provided by the manufacturer. The offer found not furnishing the aforesaid information with tender documents might be ignored.

3.2.3 Electrical Ratings:

The MCCB's shall be manually independent and shall have quick make-quick break Mechanism and push to trip facility. The MCCB shall comply the electrical parameters detailed as under:

| S.N. | Parameters | Required parameter range/ ratings. |
|------|--|------------------------------------|
| 1. | Application | Outdoor enclosed type |
| 2. | Specified reference ambient temperature range for which overload release is independent. | (-) 5 degC to (+) 50 deg C |
| 3. | No. of Poles | One |
| 4. | Rated Insulation Level | 660 Volt |
| 5. | Rated operating voltage | 240 Volts |
| 6. | Impulse withstand voltage (kV) | 8 kVolts |

| | | |
|-----|--|--|
| 7. | Continuous Operating Current rating (Frame size) | 63 Amps, 100 Amp & 150 Amp as specified in 3.2.1 above. |
| 8. | Fixed Overload release setting Amp. | 25/80/120 Amps for MCCBs to be installed with 5/16/25 KVA single phase DTs respectively. |
| 9. | Rated ultimate short circuit breaking capacity (Icu) | Not less than 18 KA at rated voltage and 0.3 PF. |
| 10. | Rated service short circuit breaking capacity (Ics) | 100% of Icu at rated voltage and 0.3 PF. |
| 11. | Power Factor for Short Circuit (Max.) | 0.3 (Lag) |
| 12. | Utilization Category. | A'' (IS: 13947/1993 as amended up to date) |
| 13. | Type of MCCB: Trip mechanism. | Hydro-magnetic / Thermal Magnetic with trip free mechanism. |
| 14. | Design. | Current limiting design with fast operating time & low thermal stress with compact size. |

3.2.4 Time-current characteristics: The L.T. MCCB shall not cause any nuisance tripping due to switching current of motor & capacitor loads and shall have the following Time Current characteristics:

| Multiple of normal current setting | Tripping time |
|------------------------------------|---|
| 1.05 | More than 2.5 Hrs. |
| 1.2 | More than 10 minutes & less than 2 Hrs. |
| 1.3 | Less than 30 minutes. |
| 1.4 | Less than 10 minutes. |
| 2.5 | Less than 1 minute. |
| 6.0 | Less than 5 seconds. |
| 12.0 | Instantaneous (less than 40 milli seconds). |

For above time / current characteristics, reference calibration temperature of the breaker shall be 50 Deg. C. Deration (Reduction in continuous rating due to increase in operating temperature), if any, up to ambient temp of 60 Deg. C. shall not exceed 10% of the current setting indicated above.

3.2.5 Additional features:

The Moulded Case Circuit Breaker shall have the following additional features:

- i The single-pole MCCB to be provided on LV side having overload trip- release with inverse-time characteristics for overload-protection and magnetic trip-release for instantaneous tripping in the wake of short circuits.
- ii The MCCB shall be marked with "brand-name" of the manufacturer and Service breaking capacity, Ics in KA duly embossed on casing on front-side to avoid spurious product. The other particulars may be marked as per prescribed marking norms in IS13947 and IEC947-2 with standard practice of manufacturer.
- iii The contacts of MCCB shall be self-wiping type so as to keep the contacts clean and low milli-volt drop.

- iv The MCCB shall preferably have appropriate provision like position of switch different from ON & OFF state to indicate tripping of MCCB. It shall help avoid damages while handling the MCCB at site.
- v The MCCB shall have flexible mounting with line-load reversibility feature i.e. no-change in rating & breaking capacity of MCCB when mounted in different orientations and with line & load connections changed.
- vi The overload element of MCCB shall be calibrated and tested to ensure reliability. Every trip-latch shall be specially heat-treated, hardened & polished to grind finish to provide accurate tripping characteristics in close tolerance limits.
- vii In order to facilitate adequate safety to workmen while working on LT feeder beyond Distribution Transformer, the MCCB shall have suitable disconnecting functions with positive isolation feature as per provisions of relevant standard.
- viii In case of thermal type of release, the manufacturer shall be prepared to state the influence of variations in the ambient temperature range of (-) 5 degC to (+) 50 deg C. and further effect on rating and performance with every 5 deg C increase in ambient up to (+) 75 deg C. for the purpose of such derating following information shall be furnished with offer for the offered model of the MCCB by the bidder.
- ix) The consecutive serial number on MCCBs of each rating shall be marked on casing on one side. The MCCB shall also be marked with tender number along with marking of **PROPERTY OF JVVNL**.

| S.N. | Ambient temperature of surroundings of MCCB in operation | Derating of MCCB in % from its standard rating at reference temperature of 50 degC. |
|------|--|---|
| 1 | 55 DegC | |
| 2 | 60 DegC | |
| 3 | 65 DegC | |
| 4 | 70 DegC | |
| 5 | 75 DegC | |
| 6 | 80 DegC | |

3.2.6 Type, Size and Clearance of input-output terminals:

The terminal of input-output side of MCCB shall be suitable either for bottle type lugs or for U-type lugs of size for various rating of MCCBs as mentioned below:

| S.N. | Rating of MCCB IN Frame / fixed overload setting , Amp | Lugs suitable for Copper cable of size in sq.mm |
|------|--|---|
| 1 | a) 63/25 Amp b) 100/80 Amp c) 150/120 Amp | Terminals shall be either cage-clamp type to accommodate bottle type lugs or Screw type to accommodate U-type lugs. |

The aforesaid technical parameters of MCCB shall be specifically indicated in the relevant item of GTP.

3.3 TYPE TESTS:

The following certificates for type tests are essentially required:

3.3.1 The bidder shall enclose type test certificate for all type and acceptance test of sequence of tests-I, II & III of IS13947/IEC947-2 complete with certified drawings, Oscillograms and approved drawing of any NABL accredited test laboratories/ Govt. approved lab for the make and model quoted. It shall be essentially required to be furnished along with the offer clearly stating the ambient conditions under which test has been conducted. The type test certificates furnished with offer should not be older than 3 years from the date of opening of tender.

3.3.2 All the necessary tests/checks shall be carried out as per the stipulations of IS: 13947/1993-part-2 (latest amended) / IEC60947-2 or equivalent International standards.

3.3.3 Verification of material and Type tests on sample MCCB of first lot:-

i) The successful supplier shall offer first lot of MCCBs comprising minimum 1,000 Nos. of MCCBs (or 20% of ordered quantity whichever is more) for inspection within 30 days. After satisfactory testing & clearance from purchaser, the material shall be dispatched to Nigam's stores.

ii) Three samples of each rating (**for Test Sequence-I, II & III**) for type test shall be selected & sealed by the purchaser from the first lot received in Nigam's stores and shall be sent for type tests as per clause No. 3.3 of specification at any NABL accredited testing house(s)/ Govt. approved lab. The type test charges shall be borne by the supplier. The purchaser however in first instance may pay testing charges to the testing agency, which shall be recovered by Sr.AO (CPC) from the bill of the supplier. **However, the requirement of arranging "type test" not to be insisted on the supplier who have arranged type test reports of Test Sequence- I, II & III of IS13947/IEC947-2 complete with certified drawings, Oscillograms and approved drawing of any NABL accredited test laboratories/ Govt. approved lab for the make and model. The type test should not be older than three years from the date of opening of tender.**

iii) The supplies, at the option of purchaser, may be utilized in the field after successful testing of 1% quantity or 10 Nos. samples whichever is more of each rating from the quantity consigned to each store(s) in respect of the tests mentioned below, at purchaser's lab. The supplier can continue supplying material in anticipation of successful type test(s) results. The payment to supplier shall be released only after receipt of successful type test reports. However, in case of suppliers who have already got type tested of material of same rating or higher may be allowed to make 70% payment of the supplies.

1. Visual examination and overall dimensional checking and weight/ marking as per approved drawing.

In case of failure of samples of lot/ sub-lot in the test(s) detailed above, the entire quantity of respective lot/sub-lot shall be rejected and shall have to be replaced by the supplier at his own cost. Repeated failure/ poor results in the testing may render cancellation of order.

The successful testing of all samples in respect of tests mentioned above shall be the acceptability criteria of the lot/sub-lot.

- iv) In case of successful type test results, supplies shall be continued. However, in case of failure in type test(s), double the sample of each rating shall be selected from the supplies already received to get them type tested as per clause 3.3.3(ii) above at supplier's cost. In case of failure of any samples in type test(s), the order of balance quantity including the quantity lying unused in the stores/ field shall be cancelled. The guarantee period of quantity already supplied & used shall be doubled and payment for used MCCBs shall be arranged after deducting 30% cost of consignment (s) used.
- v) However, purchaser may allow the supplier to re-offer the material after change/ modification in the design of MCCBs. The balance material shall be accepted only after successful type testing. The type testing charges shall be borne by the supplier.
- v) Due notice shall be given to supplier for such sample selection and such testing thereof to enable them to be present for the same if so desired by them. If the supplier or his authorized representative fails to attend the sample selection and testing, the same shall be carried out unilaterally by the purchaser and the results thereof shall be binding upon the supplier.
- vi) The purchaser also reserves the right to get additional samples for all or any of the selected tests at purchaser's cost at any independent test house at any stage of supply if so considered necessary to ensure that the quality of MCCBs being offered for inspection is same as already got type tested. In case of failure, the guarantee period of the quantity already supplied by the supplier shall be doubled and purchaser reserves the right to cancel the balance quantity.

3.4 SAFETY REQUIREMENTS:

The Moulded Case Circuit Breaker shall be designed and constructed in such a way as to avoid introducing any danger in normal use and under normal working conditions, so as to ensure especially Personal safety against electric shock/ against effects of excessive voltage and Safety against spread of fire etc. The Product should be produced from a special material which reduces electrical leakage through and across the moulding in a negligible minimum and all metal parts wherever provided should be well insulated. The metallic parts of the equipment shall not remain exposed.

The design of the equipment should be based on IEC: 947-2 safety standards enabling safe operation.

3.5 PACKING:

The packing of the equipment shall be such that it should not get damaged during transit. Each MCCB shall be supplied with a hard paper /card board carrying case suitable for easy portability, rugged use and to prevent damage during transit in addition to packing as per relevant clause of GCC. The MCCB should be immune to vibrations and shocks in normal transportation and handling.

3.6 INSPECTIONS AND TESTING:

It shall be governed by clause 1.27 of General conditions of Contract. Before dispatch, the MCCBs shall be inspected and tested by the authorized inspecting officer/Agency of the Purchaser at the works of the manufacturer. The manufacturer/supplier shall furnish the details of routine and acceptance tests, which shall be arranged at the time of inspection required as per relevant ISS to ascertain testing at the manufacturer's works in presence of purchaser's representative with following.

3.6.1 The following tests shall be conducted only on samples MCCBs as routine/ acceptance for acceptance of the lot of MCCBs at the works of manufacturer during inspection.

1. Visual examination and overall dimensional checking.
2. High Voltage test at 2.5 KV for one minute between:

- a)-Main circuit & earth.
 - b)-Control circuit and earth.
 - c)-Shorted top and bottom terminals with MCCB in open conditions.
3. Insulation resistance test (IS: 8623) with 1000 V MEGGER between above points of S.N.2.
 4. Checking availability of all special features such as positive isolation etc. and accessories specified.
 5. Milli-volt drop (IS:5147)
 6. Temperature rise test (conducted one sample of each rating out of 1000 Nos. or part thereof) in which contact resistance (mili volt) shall also be indicated.
 7. Verification of time current characteristics (conducted one sample of each rating out of 1000 Nos. or part thereof).

3.6.2 The criteria for selection of number of samples and for acceptance of lot shall be on 1% quantity or 10 Nos. samples whichever is more of each rating. Before dispatch, the MCCBs shall be inspected and tested by the authorized inspecting officer/Agency of the Nigam at the works of the manufacturer. The manufacturer/supplier shall furnish the details of tests, which shall be arranged at the time of inspection as per relevant ISS/IEC to ascertain routine testing at the manufacturer's works in presence of purchaser's representative.

The successful testing of all samples in respect of tests mentioned at s.no. 3.6.1 to 3.6.2 above shall be the acceptability criteria of the lot/sub-lot.

3.7 COMPLETENESS OF EQUIPMENT:

Any fittings accessories or apparatus, which may not have been specifically mentioned in the specification, shall be deemed to be included and shall be supplied by the supplier without any extra charges. The MCCB shall be a complete unit in all respect whether such details are mentioned in this specification or not.

3.8 MAINTENANCE AND GUARANTEE:

It shall be governed by clause no. 1.40 of General Conditions of Contract except that the successful bidder shall have to provide the guarantee of 60 (sixty) months from the date of dispatch. The MCCBs found defective within the above guarantee period shall be replaced by the supplier free of cost within a period of one month from date of intimation.

3.9 SAMPLES:

3.9.1 Bid-Samples: The bidder shall furnish one sample of MCCB of each rating offered along with offer or within 15 days from date of opening of tender for approval failing which the tender is liable to be rejected.

3.9.2 Commencement-Samples: In the event of order, the supplier shall furnish one sample of MCCB of each rating ordered during the commencement period along with two sets of drawing of each ratio for approval before commencement of supplies.

3.10 PRICES:

The quoted prices shall be all adjusted unit FOR destination price inclusive of Excise Duty, Cess and Central Sales tax / VAT , freight ,Insurance and entry tax etc in respect of MCCB. If any duty and/ or taxes are applicable at concessional rate, the same shall be clearly mentioned otherwise full

rate of ED with cess and CST/VAT shall be taken for working out prices for comparison. The prices shall be quoted with complete break-up of ex-works price along with applicable taxes & duties as mentioned above. **The prices are 'FIRM'.**

3.11 DELIVERY SCHEDULE:

The bidders are required to indicate the delivery period in the schedule attached herewith. The commencement period shall include the time taken for conducting the type test and approval of drawings etc. **The maximum commencement period should not be more than 45 days from the date of issue of P.O. Further the monthly delivery quoted shall be such that the entire offered quantity shall be completed within a period of 10 months from date of issue of P.O. including commencement period. The offers deviating in deliveries as per above schedule given, shall be considered as non-responsive. The monthly delivery shall be quoted irrespective of the offered / ordered quantity and offers with any conditional deliveries shall be considered as non-responsive.**

Schedule – I**SCHEDULE OF REQUIREMENT****MOULDED CASE CIRCUIT BREAKER (MCCB) SUITABLE FOR SINGLE PHASE LT CIRCUITS UNDER SPECIFICATION NO.JPD/SE/MM/SPO-VI/TN-2145.**

| S.No | ITEM | QUANTITY |
|-------------|---|---|
| 1 | Moulded Case Circuit Breakers (MCCBs) of various frame size (continuous current ratings) with fixed overload release settings for installation with single phase DT: i) 150/120 Amp. ii) 100/80 Amp. . iii) 63/25 Amp. | 12000 Nos. 15000 Nos. 15000 Nos. |

NOTE:-The quantities as mentioned in the schedule of requirements are tentative and may increase/decrease as per the requirement of the Nigam.

Schedule – III**JAIPUR VIDYUT VITRAN NIGAM LIMITED**

A Govt. of Rajasthan Undertaking
Prescribed technical specification for supply of
 (Name of Material/Equipment/Machinery/T&P etc.)

| S.No. | Technical specification which material/equipment/ Machinery/T&P shall confirm confirm | Name of IS/other standard specification to which material should confirm | Other particulars if any. | to |
|-------|--|---|------------------------------|----|
|-------|--|---|------------------------------|----|

Certified that we agree to all the aforesaid technical specification except at S.No..... for which our technical specification shall be as under:-

| S.No. | Technical specification which material/equipment/ Machinery/T&P shall confirm confirm | Name of IS/other standard specification to which material should confirm | Other particulars if any. | to |
|-------|--|---|------------------------------|----|
|-------|--|---|------------------------------|----|

(Signature)

Name & Designation
with seal of the bidder.

SCHEDULE-III-A

QUALIFICATION REQUIREMENT

MOULDED CASE CIRCUIT BREAKER (MCCB) SUITABLE FOR SINGLE PHASE LT CIRCUITS (TN-2145):

The bidder should fulfill following qualifying requirements for successful participation in the tender along with relevant documentary evidence supporting each qualifying requirement without which the offer shall be considered non-responsive & rejected.

1.0 STATUS OF BIDDER:-

- a) The bidder should be a Manufacturer of offered items. The offers from sole selling agent/ authorized dealers shall not be entertained.
- b) Old/ New suppliers:- Any bidder located within or outside the state of Rajasthan has albeit participated for the first time in a particular Discom & meeting minimum qualification requirement (whether Rajasthan or outside Rajasthan) has supplied the tendered material/ higher rating in other utility shall be treated as an old supplier. Rajasthan based firms not meeting minimum quantity supplied criterion but having manufacturing and adequate testing facility and technical know how shall be considered as new firms and would be eligible for trial order only.

2.0 PAST SUPPLY & PERFORMANCE CRITERIA :-

The bidder shall meet both past supply and performance criteria as detailed below for opening of tenders:-

2.01 PAST SUPPLY:-

- 2.01.1 The bidder is required to quote for minimum 10% tendered quantity of tendered item, failing which their offer may be considered Non-Responsive.
- 2.01.2 The bidder should have designed, manufactured / fabricated, tested and supplied to utility / Discoms / Govt. Departments at least 2 X QQ (QQ being the quoted quantity) of similar item / higher rating of tendered material / equipment in last 3 financial years from the date of opening of technical-commercial bid.

Note: Requirement of quantity manufactured, minimum quantity to be offered and amount of Bank Guarantee to be furnished in absence of test certificate shall be reduced to 25% for Rajasthan based units.

- 2.01.3 In support of fulfillment of the past supply criteria, the bidder shall furnish documentary evidence in the form of certificate from Chartered Accountant in the enclosed prescribed proforma only. This prescribed proforma should be furnished either in original or copy duly attested by Notary. The bidder shall also sign and affix seal on the C.A. Certificate. The **certificate should have membership number with the name & address of the chartered accountant.** Certificate should clearly indicate the quantity supplied, period of

supply, voltage Class, Rating of the items in the format prescribed, any deviation to format or information diverted format, will not be considered and rejected.

2.02 **PERFORMANCE CRITERIA:-**

2.02.1 i) If a bidder has supplied upto 50% of ordered quantity in previous tender upto date of opening of subsequent tender and scheduled delivery period expired, the bid of such bidder will not be opened in the Discom for that item.

ii) However, if the supplies have been completed for a quantity more than 50% but not completed upto date of opening of subsequent tender and scheduled delivery period expired, the quantity equal to the quantity pending in previous tender for that item shall be reduced from the subsequent tender quantity to be allocated to the bidder.

iii) If a bidder does not fulfill G.P. failed contractual obligations in previous tender(s) then quantity equal to the G.P. failed quantity pending for repair/ replacement shall be reduced from the subsequent new tender quantity for fresh item to be allocated to the bidder. This action will be in addition to the penal provisions applicable in respective tenders where supply is incomplete.

3.0 **TYPE TEST CRITERIA:-**

3.01 The bidder shall furnish valid and authenticated type test certificates from a Govt. approved / Govt. recognized / NABL Accredited laboratory / ILAC i.e. International Laboratory Accredited Laboratory (in case of foreign laboratory) of similar rating and design of tendered material/ equipment. Such type test certificates should not be older than 3 years as on the date of bid opening. For this purpose date of conducting type test will be considered.

The type test certificate by in house laboratory of tendering firm even if it is a Govt. approved / Govt. recognized / NABL accredited / ILAC accredited, shall not be accepted, in case of their own tender. This will not apply if tendering firm is Govt. company / public Sector undertaking.

3.02 The bidder should furnish documentary evidence in support of the laboratory whose type test have been furnished, that the said laboratory is a Govt. / a Govt. approved / a Govt. recognized / NABL accredited laboratory / ILAC accredited (in case of foreign laboratory).

3.03 The type test certificates shall be furnished either in original or copy duly attested by notary.

3.04 The bids of only those bidders shall be considered to be meeting the type test criteria who furnishes complete type test certificate with the bid as per above provision.

In the following cases the bid of the bidder may be considered meeting the type test criteria if the bidder furnishes an undertaking stating that valid type test certificate from a Govt. / Govt. approved / Govt. recognized / NABL accredited /

ILAC accredited laboratory shall be furnished from first lot (without asking any delivery extension) along with bank guarantee with the technical bid from a Nationalized / Scheduled Bank in prescribed proforma at Schedule-III B or DD/ Pay Order amounting to Rs.5 Lac / Rs.1.5 Lac / Rs.0.5 Lac in case where the value of the purchase (corresponding to tendered quantity) under consideration is more than 1.5 Crore / upto 1.5 Crore/ Upto 0.5 Crore respectively. The initial validity of Bank Guarantee shall be nine months with claim period of three months in addition. **(In this case bidder shall furnish Bank Guarantee of Rs. 5.0 lac)**

- i) A new Rajasthan based unit who does not possess valid type tests reports subject to technically competent.
- ii) Where one or more type tests) is/ are older than 3 years.
- iii) Where new type tests have been added in the specification.
- iv) Where some changes in respect of type test procedure of existing type tests have been introduced in the relevant standard.
- v) Where a new item is being purchased by Nigam for the first time.
- vi) The Rajasthan & outside Rajasthan firm who does not possess valid type tests certificates, if type test reports of higher rating are furnished.

4.0 POOR RECORD OF PERFORMANCE AND DELIVERY :

The bidder who have been black listed or with whom business relations have been severed in any of the state Discom shall not be considered. Severment of business relations will be done in case of following circumstances for the period and with the recovery mentioned against each :

| | |
|---|---|
| i) When vendor does not accept order awarded on its accepted price and terms and conditions and does not comply with contractual formalities. | Forfeiture of EMD/cancellation of vendor registration to recover amount of EMD along with severment of business relations for three years from the date of issue of order. |
| ii) When vendor complies with contractual formalities but does not commence supplies. | Levy of maximum recovery on account of delay in delivery along with severment of relations for a period of 2 years from the date of issue of order or in next two bids whichever is later along with forfeiture of EMD / cancellation of vendor registration. |

5.0 Black Listing:

Bids of the firms black listed shall not be opened. Bidder are liable for black listing for five years in any of the following circumstances ;

- i) There are sufficient and strong reasons to believe that the supplier or his employee has been guilty of malpractices such as bribery, corruption, fraud, vitiating fair under process including substitution of or interpolation in bids, pilfering or unauthorized use or disposal of NIGAM's material issued for specific works etc.

- ii) The supplier continuously refuses to pay Nigam dues after registered notice even after lapse of six months without showing adequate reasons and where the registering authority is satisfied that no reasonable disputes attracting reference to settlement committee or court of law exist for the supplier's action.
- iii) Where a supplier or his partner or his representative has been convicted by a court of law for offences involving moral turpitude in relation to the business dealings or where security considerations including suspected disloyalty to the Nigam so warrant.
- iv) If a registered supplier being non-renderer for supply but still submits applications giving his offer after receipt / opening of bids received after due process.

NOTE : 1. If a supplier after having tendered for a work / supply or after negotiations acceptance of order gives applications voluntarily vitating the fair bidding process, it shall also tantamount to malpractice.

NOTE: II. Severment once done will continue for the notified period of debarment even if the dues are deposited prior to the expiry of such severment period.

However, the relations be deemed to have been restored after expiry of severment period mentioned in the order but the bid of such bidder will not be opened in that Discom where severment was done if the recoverable amount has not been deposited by the firm i.e. severment done by one Discom for non-supply and corresponding recovery will not be effective in other Discom after expiry of notified period but the bid of such bidder will not be opened in that particular discom if the firm has not deposited amount recoverable.

6.0 APPEALS AND APPLICATIONS :

Appeal against the order of black listing, debarment and severment can be filed before BOD. The BOD may reduced or waive the penalty if sufficient reasons / supporting documents are furnished by a supplier.

GENERAL CONDITIONS : - (ALL CONDITIONS BE DULY SIGNED & SEALED)

- I) The bidder shall clearly indicate the deviations such as 'Technical Deviation & Commercial Deviations' in the prescribed proforma only. The deviations indicated elsewhere in the bid shall not be accepted.
- II) The bidder must clearly fill up each and every particular of guaranteed technical particulars annexed with Technical Specifications otherwise he will be responsible for Technical Non-responsiveness.
- III) All documents required in the prescribed format are to be furnished along with the bid itself only except an attested copy of BIS licence (wherever it is required), failing which the bid will be summarily rejected.
- IV) However, a copy of BIS Licence may be submitted by the bidder upto the official working hours of one working day prior to the schedule / notified date of opening of price bid.

Schedule – III -B**BANK GUARANTEE IN LIEU OF FURNISHING OF TYPE TEST CERTIFICATE**

(On Rajasthan Non-Judicial Stamp Paper worth Rs.100/-)

To,

The Chief Engineer (MM)
Jaipur Vidyut Vitran Nigam Limited
Old Power House Premises,
Near Ram Mandir, Bani Park,
JAIPUR.

Dear Sir,

Whereas Jaipur Vidyut Vitran Nigam Limited, Jaipur (hereinafter called the Purchaser) has issued a tender enquiry under TN_____ for procurement of _____ (name of material).

Whereas M/s _____ (hereinafter called the bidder) has furnished a bid for supply of _____ to the Chief Engineer (MM), Jaipur Vidyut Vitran Nigam Limited, Jaipur or his nominated officer(s).

Whereas in accordance with the provision of the specification of the aforesaid TN_____, the bidder can deposit a bank guarantee in lieu of the requirement of furnishing the type test certificates.

Whereas M/s _____ (the bidder) have requested us (Name of the Bank) to furnish the bank guarantee, in lieu of the type test certificate, for an amount equivalent to Rs._____ (in words also) only.

Under this Bank Guarantee, we (Name of the Bank) hereby undertake unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to the purchaser on his first demand without whatsoever right of objection on our part and without his first claim to the bidder, in the amount not exceeding (amount of guarantee in figures and words).

Payment pursuant to this undertaking will be demanded by the purchaser from the Bank and will be met by the Bank without question in the case in which the bidder, on receipt of the order and/ or after the acceptance of this tender, makes default in furnishing the required type test certificates. As to whether the occasion or ground has arisen for such demand the decision of the Chief Engineer (MM), Jaipur Vidyut Vitran Nigam Limited shall be final.

The liability of the Bank shall not at any time exceed Rs._____ (Rupees _____).

The undertaking will be determined on but will not withstanding such determination, continue to be in force till the expiry of 3 months from that date.

No indulgence or grant of time by the purchaser to the bidder without the acknowledgement of the Bank will discharge the liabilities of the Bank under this guarantee.

The guarantee herein contained shall not be affected by any change in the constitution of the bidder.

All disputes arising under the said guarantee between the Bank and the bidder or between the bidder and the purchaser pertaining to the guarantee shall be subject to the jurisdiction of Courts only at JAIPUR in Rajasthan.

The Bank further undertake not to revoke this guarantee during its currency except with the previous consent of the Chief Engineer (MM), Jaipur Vidyut Vitran Nigam Limited, Jaipur.

Notwithstanding anything contained herein before, the Bank's liability under this guarantee i.e. restricted to Rs. _____ (Rupees _____) and the guarantee shall remain in force upto _____. Unless demand or claim in writing is presented on the Bank within three months from that date, the Bank shall be released and discharged from all liabilities there-under. However, the validity of the bank guarantee shall be extended as and when required by the purchaser.

IN WITNESS WHEREOF the Bank has executed these presents the _____ day _____ month _____ and year _____.

Yours faithfully,

(Bankers)
EXECUTANT

Witnesses:

1.

2.

SCHEDULE-IV**JAIPUR VIDYUT VITRAN NIGAM LTD., JAIPUR
SCHEDULE OF PRICES**

(Must be filled by the tenderer and returned with the tender)

The Superintending Engineer ()
 The Executive Engineer ()
 The Assistant Engineer ()
 JVNL,
 _____.

With reference to your invitation to tender against Specification No. _____ we agree to supply _____ our price are firm/ variable and given as follows:

| S. No. | Particulars of Material | Quantity offered | Unit Ex-works Price (in Rs.) | Excise duty (Per Unit) | | Cess on Excise Duty(Per Unit) | | CST/VAT (Per Unit) | | Freight (Per Unit) (In Rs.) | Insurance (Per Unit) (In Rs.) | Total Price (Per Unit) Col. No. (4+6+8+10+11+12) | Entry Tax @ ___ % on Col. 13 (In Rs.) | All adjusted unit F.O.R. Destination Price including Entry Tax Col. No.13+14 | Total Contract Value (In Rs.) |
|--------|-------------------------|------------------|------------------------------|------------------------|-----|-------------------------------|-----|--------------------|-----|-----------------------------|-------------------------------|--|---------------------------------------|--|-------------------------------|
| | | | | Rate | Amt | Rate | Amt | Rate | Amt | | | | | | |
| 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. |
| | | | | | | | | | | | | | | | |
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Note :-

- (i) The prices as quote above are valid for a period of ____days from the date of opening of this tender.
- (ii) The bidder is required to quote the prices in the above format only. Bids having prices quoted in other format/manner are liable to be ignored.
- (iii) The bidder must fill each and every column of the above format . Mentioning "extra/ Inclusive" in any of the column may lead for rejection of the price bid.
- (iii) No cutting/ overwriting in the prices is permissible.
- (iv) The unit Ex-work price to be indicated in Col. No. 4 should be exclusive of taxes & duties which are to be indicated in separate columns meant for the purpose. .
- (v) In case of price bid break-up is given component wise and also given sum total by the bidder but there is a difference between aggregate of component wise and sum total , then lesser of the two will be taken into account.

Signature of tenderer with
rubber stamp

SCHEDULE-IV 'A'**Must be filled-in by the tenderer and attach with technical bid (Part-I)**

To,

The Superintending Engineer (MM),
Jaipur Vidyut Vitran Nigam Limited,
Jaipur.

Dear Sir,

With reference to your invitation to tender against specification No. JPD/SE/MM/TN-2145 we agree to supply the following quantity:-

| S. No | Particulars of item | Tendered Quantity | Qty. Offered | Justification of quantity offered as per Qualifying Requirement. | Status of Type Test Certificates. |
|-------|---------------------|-------------------|--------------|--|-----------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | | | | | |

1. The offer is valid for a period of 120 days from the date of opening of this tender.
2. The prices are variable with base date _____(one month prior to the date of opening of tender).
3. It is noted that the quantities as mentioned in the specification are approximate and we agree to supply any quantity as per your requirement.
4. The delivery shall strictly be in accordance with our delivery clause as given in **Schedule-VIII** of this specification. In case we fail to deliver the material as indicated in the clause No. 1.23, we are liable to pay recovery for delay in delivery as per clause No. 1.24 of this Schedule-II of this specification.
The material shall conform to your specification No. JPD/SE/ MM/TN-2145 and as per relevant ISS in all respect.
5. We confirm that we agree to all the terms & conditions as well as the technical stipulations of your specification No. JPD/SE/MM/TN-2145 and there are no deviations other than as specified in the **Schedule VI (A&B)**.

Yours faithfully,

Signature of tenderer
with stamp
Dated

Schedule – V**JAIPUR VIDYUT VITRAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking**

Statement of guaranteed technical particulars and other performance data for supply of
 (Name of material) against specification
 no.....


S.No. Particulars of technical & other performance data guaranteed.

Certified that we agree to all the aforesaid technical particulars and other performance data
 except following :-

| S.No. | Particulars of technical & other Performance data | Reasons for deviations/departure. |
|-------|--|--------------------------------------|
|-------|--|--------------------------------------|

(Signature)
 Name & Designation
 with seal of the bidder.

Schedule – V(A)

ANNEXURE-A
 **MANUFACTURER'S GUARANTEED TECHNICAL PARTICULARS**
MOULDED CASE CIRCUIT BREAKER (MCCB) SUITABLE FOR SINGLE PHASE LT
CIRCUITS AGAINST TN-2145

| S.N. | Description | Technical Particulars Offered | | |
|------|--|-------------------------------|----------|---------|
| | | RATINGS | | |
| | | 150/120 A | 100/80 A | 63/25 A |
| 1a. | a-Name of the manufacturer & Address of office. | | | |
| b. | Address of works | | | |
| 2. | Make | | | |
| 3. | Type and Model of MCCB | | | |
| 3. | Number of Poles | | | |
| 4. | Rated frequency , Hz. | | | |
| 5. | Utilization category. | | | |
| 6. | Standards to which confirms to for: | | | |
| | a- Accuracy | | | |
| | b-protection/ safety | | | |
| 7. | Rated Operating Current, Frame size Amp(In) | | | |
| 8. | Conventional thermal current(Ith) | | | |
| 9. | Rated Operational Voltage, Volts | | | |
| 10. | Fixed Overload release setting (Amp) | | | |
| 11. | Rated Insulation Voltage ,(Ui) | | | |
| 12. | Rated service short ckt. Breaking capacity, Ics (KA rms) at 0.3 pf. | | | |
| 13. | Rated ultimate short ckt. Breaking capacity, Icu (KA rms) at 0.3 pf. | | | |
| 14. | Rated short Ckt. Breaking capacity, Ics (KA) is 100% of ultimate breaking capacity, Icu. | | | |
| 15. | Power factor for short ckt. (Max.) | | | |
| 16. | Temperature dependent or independent with reference ambient. | | | |

| | | |
|-----|--|---|
| 17. | In case of thermal type of release, the manufacturer shall state the influence of variations in the ambient temperature range of (-) 5 degC to (+) 50 deg C. and further effect on rating and performance with every 5 deg C increase in ambient up to (+) 75 deg C. | |
| 18. | Deration permissible and actual duration up to max. temperature of 80 deg C. | |
| | Ambient temperature of surroundings of MCCB in operation | Derating of MCCB in % from its standard rating at reference temperature of 50 degC. |
| i | 55 DegC | |
| ii | 60 DegC | |
| iii | 65 DegC | |
| iv | 70 DegC | |
| v | 75 DegC | |
| vi | 80 DegC | |
| 19. | Power loss and milli volt drop values. | |
| 20. | Protection against Over load. | |
| 21. | Withstand voltage. | |
| 22. | Type of operating mechanism with Operating principle. | |
| 23. | Type of release. | |
| A | Overload release. | |
| B | Short circuit release. | |
| 24. | Whether Short circuit release is at (N x In) Amp and type of release Fixed/Variable. | |
| 25. | Is Rated short time withstands current of offered MCCB is 12 x In as per IS. | |
| 26. | Whether time-current characterstics is as per specifications with limit of derating with temperature rise. | |
| 27. | Whether the MCCB is having disconnecting functions with positive isolation features. | |
| 28. | Whether the MCCB is having flexible mounting with line-load reversibility features i.e. no-change in rating & breaking capacity of MCCB when mounted in different orientations and with line & load connections changed. | |

| | | |
|-----|--|--|
| 29. | Type of input-output terminal Srew type or cage-clamp type. | |
| 30. | Whether clearance between terminals is as per requirement of specifications clause 3.2.6. | |
| 31. | Weight of the MCCB | |
| 32. | Dimensions of the MCCB | |
| 33. | Whether samples submitted with offer as specified. | |
| 34. | Whether Instructions and operating manual supplied with each MCCB. | |
| 35. | Details of Type test report enclosed with offer.(To be verified during inspection in case successful bidder) | |

(Signature)

Name & Designation
with seal of the bidder

Schedule – VI (A)



JAIPUR VIDYUT VITRAN NIGAM LIMITED

A Govt. of Rajasthan Undertaking

DEPARTURE/DEVIATION FROM TECHNICAL SPECIFICATION

The bidder shall state under this schedule the departure from the Purchaser's specification in respect of technical is as under:-

| S.No. | Main Deviations from Technical Specification. |
|-------|---|
|-------|---|

Certified that we agree to all the technical specification of the NIT except for the deviation to the extent indicated above.

(Signature)
Name & Designation
with seal of the bidder.

Schedule – VI (B)



JAIPUR VIDYUT VITRAN NIGAM LIMITED

**A Govt. of Rajasthan Undertaking
DEPARTURE FROM COMMERCIAL TERMS & CONDITIONS OF THE
SPECIFICATION**

The bidder shall state under this schedule the departure from the Purchaser's specification in respect of Commercial terms & conditions:-

| S.No. | Main Deviations from Specification. |
|-------|-------------------------------------|
|-------|-------------------------------------|

Certified that we agree to all the commercial terms & conditions as laid down in General Conditions of Contract to the specification except for the deviation to the extent indicated above.

(Signature)
Name & Designation
with seal of the bidder.

Schedule – VII**JAIPUR VIDYUT VITRAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking****LIST OF PAST SUPPLIES**

The bidder shall state under this schedule whether material and equipments, similar to those offered in the tender have been previously supplied by him. A list shall be given of such orders executed by him together with information regarding the names of purchasing organizations, quantities supplied and when the supplies were effected. This list should be in form given below:-

| S.No. | Detailed particulars of items supplied | Qty in MT | Order No. & Date | Name & details of purchasing authority | Date of Completion |
|-------|--|-----------|------------------|--|--------------------|
| 1 | 2 | 3 | 4 | 5 | 6 |

| If executed partially be mentioned (M.T.) | whether still to be executed | Delivery stipulated in order | Remarks to (Qty. in |
|---|------------------------------|------------------------------|---------------------|
| 7 | 8 | 9 | 10 |

Note: Separate schedules are to be furnished by the bidder for past supply to the JVVNL/AVVNL/JdVVNL, other State Electricity Boards and other Departments /Organisations.

Signature)

Name & Designation with seal of the bidder.

SCHEDULE-VIIA**TN-2145****TO WHOMSOEVER IT MAY CONCERN**

This is to certify that M/s. _____ (Complete with address) have manufactured and supplied the goods / equipments / material during the following financial year(s) to the Electrical Utilities / Government Departments / Discoms/ SEBs as detailed out below:

FOR THE LAST THREE FINANCIAL YEARS FROM THE DATE OF OPENING OF TECHNO-COMMERCIAL BID.

| S.No | Financial year in which material supplied | Detailed Particulars of item(s) supplied | Name and particulars of purchasing authority | Order No. & date against which item(s) supplied | Unit | Ordered | | Actual Supplied up to | | Remarks |
|------|---|--|--|---|------|----------|------------|-----------------------|------------|---------|
| | | | | | | Quantity | Value (Rs) | Quantity | Value (Rs) | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

Signature ,
Name & Designation
With Seal of the Bidder
Date _____
Place _____

Signature of C.A
Name :
Address:
Membership No

The above particulars are true and correct based on explanations, records and books of accounts produced before us. Further the above certificate issued on the request of the company

CA Firm (_____)

Note:- The C.A. certificate must be signed by the bidder and C.A. firm. The details i.e. address of C.A. & membership No. shall clearly be mentioned on C.A. certificate. In case C.A. certificate is not signed by the bidder/furnished without membership No. & address of C.A. then same may not be considered for which responsibility rests with the bidder.

Schedule – VIII**JAIPUR VIDYUT VITRAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking****DELIVERY SCHEDULE****PART-A**

The delivery schedule of the material by the Purchase Officer is as mentioned hereunder:-

| S.No. | Particulars of Material | Commencement period per Month. | Rate of supply per Month material | Period for completion of delivery of entire |
|-------|----------------------------|-----------------------------------|---|--|
|-------|----------------------------|-----------------------------------|---|--|

PART-B

In case bidder deviates from the delivery schedule mentioned by the purchaser in Part-A then the delivery schedule shall be indicated/mentioned by the bidder as under:-

| S.No. | Particulars of Material | Commencement period per Month. | Rate of supply per Month material | Period for completion of delivery of entire |
|-------|----------------------------|-----------------------------------|---|--|
|-------|----------------------------|-----------------------------------|---|--|

- Note:**
1. During the commencement period the process of model assembly and submission of B.O.M. for approval shall be got completed.
 2. During the commencement period the contractual formalities shall be got completed.

(Signature)

Name & Designation
with seal of the bidder.

Schedule – IX**JAIPUR VIDYUT VITRAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking**

List of Equipments and Technical Hands Available with the Firm

(To be filled in by the bidders & enclosed with the bid)

Manufacturers and / or their authorized agents who are quoting against this bid are requested to furnish the following information along-with the bid. The Purchaser will have the discretion to ignore the bid without the under noted particulars and/or ignore the bid particulars.

1. Name and Address of Manufacturer.
2. Place where works exist.
3. Details of machinery particularly with B.H.P. of each item installed.
4. Details of staff employed in the works.
5. Date when started the manufacturing of item under reference.
6. List of items manufactured.
7. Literature and drawings of items manufactured showing their description, size, design and other important technical particulars.
8. Details of order so far, executed alongwith the names of organization to whom supplied.
9. Manufacturing capacity.
10. Is the workshop open for inspection by the representative of the board, if required?
11. Statement of financial resources and Banking Reference alongwith Balance-Sheet for previous two years.
12. Testing facilities available for the manufactured articles in the testing laboratory of works.
13. Whether the Firm is a small/medium/large scale industry.
14. Registration No. with :-
 - i. Small Scale, National/State.
 - ii. DGTD
 - iii. State Industries Department.

(Signature)

Name & Designation
with seal of the bidder.

Schedule – X**GENERAL PARTICULARS ABOUT THE TENDER IN BRIEF**

**JAIPUR VIDYUT VITRAN NIGAM LIMITED
(MATERIAL MANAGEMENT)
NEAR RAM MANDIR , BANI-PARK, JAIPUR-302006**

TELEPHONE: - 0141 2202607**FAX: - 0141-2202025****SPECIFICATION FOR SUPPLY OF MOULDED CASE CIRCUIT BREAKER (MCCB)
SUITABLE FOR SINGLE PHASE LT CIRCUITS UNDER SPECIFICATION
NO.JPD/SE/MM/SPO-VI/TN-2145.**

LAST DATE OF RECEIPT OF TENDERS: 13.06.11 (up to 2.30 PM)

DATE OF OPENING OF TENDER: 13.06.11 (AT 3.00PM)

EARNEST MONEY: Rs.2,00,000.00 (Rs. Two Lacs only) /
Exemption certificate or Vender
registration of Class "C" or above category.

COST OF SPECIFICATION: Rs.2500.00 (non refundable)

VALIDITY 120 DAYS FROM THE NEXT DATE
OPENING OF TECHNO-COMMERCIAL
BID.

NOTE : The bidders, in their own interest are requested to read very carefully Section-I (Instruction to Bidders), Section-II (General Condition of Contract) & Section-III (Technical Specification) before filling the bid. The Bid documents be downloaded from JVNVL website www.jaipurdiscom.in . No hard copy of the bidding documents will be provided to the bidders through this office. In case of any discrepancy found in the bidding documents downloaded from the website and appended with the bid (as a bid document) and the original copy of such document available in the office of Superintending Engineer(MM), Jaipur discom, Jaipur then the copy available with Superintending Engineer(MM), Jaipur discom, Jaipur will be considered as final document for all purposes. The cost of Bid document as published in NIT shall be furnished along with downloaded bid document in the manner prescribed in bid document.

1. **Furnishing of Proof of deposition of Cost of Bid Document, Earnest Money/ exemption certificate as per Clause 1.03 & 1.16 of Section-I (Instruction to Bidder) along with downloaded Bid Document is essential otherwise the "BID OFFER" will not be opened. However the bidders who get themselves registered with JVVNL as per Clause No. 1.5.3 of Section-II (General Condition of Contract) before submitting of bid documents against this bid enquiry for supply of quoted items under appropriate category are not required to furnish Earnest Money Deposit. They shall furnish the proof of such valid registration with their bid. Cost of Bid Document shall be furnished in the form of Crossed Bank Draft / Bankers Cheque payable in the name of "A.O(MM), JVVNL, JAIPUR". EMD if required shall be furnished in accordance with Clause No. 1.03.1 of Section-I (Instruction to Bidders)**

2. The Central and State Govt. undertakings are exempted from furnishing of Earnest money subject to furnishing of such certificate / documentary evidence in support of their being Govt. (Central/State) undertaking.

3. The bidder shall quote the Prices strictly in the manner prescribed in Clause No. 1.09 of Section-I (Instruction to Bidders) & Clause No. 1.33 of Section-II (General Conditions of Contract) in **Schedule-IV** otherwise their bid is liable for rejection. The price quoted should be variable without any ceiling as per IEEMA price variation formula annexed in **Schedule - II**. Base date for price variation shall be the first day of calendar month, one month prior to the date of tender opening.

4. **The bid offer shall be furnished in two parts & shall comply all provisions of Clause No. 1.02 Section-I (instruction to Bidders) and the Bid offer shall be furnished in the following manner :-**

- i) **First envelope containing proof of deposition of cost of Bid documents & EMD. Name of item, bid no., time of bid submission, due date for opening of bid and the word 'Envelope-I & Cost of bid documents and Earnest Money / Valid Registration Certificate under relevant class / A certificate of being a Rajasthan / Central Govt. undertaking' should be clearly written on the front side of the envelope.**
- ii) **Second envelope for techno-commercial bid. Name of item, bid no., time of bid submission, due date for opening of bid and the word 'Envelope – II & Techno-Commercial Bid' should be clearly written on the front side of the envelope.**
- iii) **Third envelope for price bid. Name of item, bid no., time of bid submission, due date for opening of bid and the word 'Envelope – III & Price Bid' should be clearly written on the front side of the envelope.**

Note : Envelope III containing price bid will be kept in the safe custody of the concerned engineer / officer. It will be opened at a later date in respect of those bidders whose offers are found / adjudged technically and commercially acceptable. The date of opening of "Price Bid" shall be intimated to successful bidders in due course of time. In case of deviation from the stipulated clauses of bid specifications, price bid of the bidder will not be opened.

- iv) **Fourth envelope containing above three envelopes. Name of item, bid no., time of bid submission and due date for opening of bid should be clearly written on the front side of the envelope. (All the above envelopes shall be duly sealed individually).**
- v) **The bidder shall ensure that bid is furnished / submitted strictly in the manner detailed in the Specification.**

(PLEASE NOTE THAT BID RECEIVED AFTER SPECIFIED TIME ON DUE DATE OF OPENING WILL NOT BE ACCEPTED AND SUCH OFFERS SHALL BE IGNORED)

5. The bids not accompanied with qualification requirement , technical requirement indicated in the specification and other requirement given here under will be considered as incomplete offer and sufficient grounds for offer to be passed over:
 - i) Capacity, capability and competency proofing documents.
 - a) Capacity /orders of similar and higher rating of tendered equipment booked as on date of bidding with type and rating and construction details of equipment for which order received be indicated.
 - b) Copy of purchase orders of Erstwhile RSEB /SEB`S / Electric Utilities / Govt. Departments / Discoms for similar or higher rating equipment latest executed.
 - ii) Year wise past experience for last 5 years of similar or higher rating of tendered equipment.
 - iii) The details of testing facilities available at the works and copies of latest type test certificates, carried out on similar ITEM.
 - iv) Quality assurance plan.
 - v) Complete guaranteed technical particulars, out lines and general arrangement drawings along with Bill of Material.
6. Bids without Section-I, II, III & Schedules (I to X) shall be rejected.
7. Bids shall be furnished in single copy.
8. JVVNL has the right to reject any offer on the basis of track record of poor performance in execution of previous order / equipment supplied /after sales service while evaluating the Techno-Commercial bid.
9. JVVNL reserves the right to accept minor deviations in standard terms and conditions and also in technical and constructional features as specified in the technical specification **(Schedule-III)**.
10. Deviation of any kind shall not be quoted in price bid, if found quoted, the same shall be ignored.

11. The following facilities are to be provided by the supplier at his own cost to the inspecting officer of Nigam (JVNL).

- i) Suitable accommodation.
- ii) Local conveyance between arrival point, place of stay, works and departure point.
- iii) The supplier shall assist in arranging return ticket and reservation on the request of the inspecting officer for which the payment shall be made by the inspecting officer. In case of joint inspection, single or shared double room accommodation shall be provided
