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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 JVNL website [www.jaipurdiscom.in](http://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  
OFFICE OF THE SUPERINTENDING ENGINEER (MM)  
OLD POWER HOUSE PREMISES, BANI PARK, JAIPUR -06**

**TELEPHONE: 0141-2202607**

**TELE FAX: 0141-2202025**

**BID DOCUMENTS FOR PURCHASE OF 36 KV OUTDOOR VACUUM CIRCUIT  
BREAKERS UNDER SPECIFICATION NO.JPD/SE/MM/SPO-V/TN-2122**

LAST DATE AND TIME FOR : 15.6.2011 at 2.30 p.m.  
RECEIPT OF BID

DATE AND TIME OF : 15.6.2011 at 3.00 p.m.  
OPENING OF BID

EARNEST MONEY TO BE : Rs.2,00,000.00  
DEPOSITED

COST OF THE : Rs.2,500.00 (non refundable)  
SPECIFICATION

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

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**Schedule – I****SCHEDULE OF REQUIREMENT**

<b>S.No</b>	<b>ITEM</b>	<b>QUANTITY</b>
<b>1</b>	<b>36 KV 1250 Amp. Outdoor Vacuum Circuit Breakers</b>	<b>458 Nos.</b>

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

**SCHEDULE- II****PRICE ADJUSTMENT FORMULA**

The price quoted / confirmed is based on the cost of raw materials / components and labour cost as on the date of quotation and the same is deemed to be related to prices of raw materials / components and all India average consumer price index number of industrial workers as specified in the price variation clause given below. In case of any variation in these prices and Index number, the price payable shall be subject to adjustment up or down in accordance with the following formula :-

$$PV_1 = \frac{P_o}{100} \times \left( 25 + 17 \frac{IS}{IS_o} + 18 \frac{C}{C_o} + 10 \frac{Al}{Al_o} + 13 \frac{In}{In_o} + 17 \frac{W}{W_o} \right) - P_o$$

Wherein,

$PV_1$  = Variation price in Indian rupees on account of variation in Input costs of indigenous content, and labour costs payable in accordance with the above formula.

$P_o$  = Price quoted / confirmed Minus (-)10

$IS_o$  = Wholesale price index number for "Ferrous Metals" (base : 2004-05= 100) (refer notes).

This index is as applicable on the first week ending Saturday of the month, three months prior to the date of tendering.

$C_o$  = Price of electrolytic copper wire bars (refer notes).

This price is as applicable on the first working day of the month, one month prior to the date of tendering.

$Al_o$  = Price of busbar grade aluminium (refer notes).

This price is as applicable on the first working day of the month, one month prior to the date of tendering.

$In_o$  = Price of epoxy resin (refer notes).

This price is as applicable on the first working day of the month, one month prior to the date of tendering.

$W_o$  = All India average consumer price index number for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India (Base 1982 = 100).

This index number is as applicable for the month, four months prior to the date of tendering. For example, if the date of tendering falls in May, 2010, the applicable prices of

electrolytic copper wire bars (Co), busbar grade aluminium (Al) and insulating material (Ino) should be for the month of April, 2010 and wholesale price index of Ferrous Metals (ISo) should be for the first week ending Saturday of February, 2010 and all India average consumer price index number (Wo) should be for the month of January, 2010.

The above prices and indices are as published by IEEMA vide circular reference number IEEMA (PVC)SWGR/\_\_\_/\_\_\_ prevailing as on first working day of the month \_\_\_\_\_ i.e. one month prior to the date of tendering.

IS = Wholesale price index number for "Ferrous Metals" (base : 2004-05= 100) (refer notes).

This index is as applicable on the first week ending Saturday of the month, four months prior to the date of delivery.

C = Price of electrolytic copper wire bars (refer notes).

This price is as applicable on the first working day of the month, two months prior to the date of delivery.

Al = Price of busbar grade aluminium (refer notes).

This price is as applicable on the first working day of the month, two months prior to the date of delivery.

In = Price of epoxy resin (refer notes).

This price is as applicable on the first working day of the month, two months prior to the date of delivery.

W = All India average consumer price index number for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India (Base 1982 = 100).

This index number is as applicable for the months, five months prior to the date of delivery.

For example, if the date of delivery in terms of clause given below falls in December, 2010 the applicable price of raw materials viz. C, Al and In should be for the month of October, 2010 and wholesale price index of "Ferrous Metals" (IS) should be for the first week ending Saturday of August, 2010 all India average consumer price Index number (W) should be for the month of July, 2010.

The "date of delivery" is the date on which the switchgear equipment is notified as being ready for inspection / dispatch. (In the absence of such notification the date of manufacturer's dispatch note is to be considered as the date of delivery) or the contracted delivery date (including any agreed extension thereto), whichever is earlier.

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**SCHEDULE-II-A****PRICES & PRICE VARIATION**

- a) The prices quoted shall be variable as per Price Variation Formula given in the Specification (Schedule-III-A) without any ceiling.
- b) If the price variation formula is changed, the same shall be applicable for the price variation. During the transit period when both old and new indices are being circulated, then the admissible Price Variation shall be applicable, which is advantageous to Nigam, and the period from which the old indices are discontinued then the P.V. shall be admissible with the new indices.
- c) The date of delivery applicable for claiming price variation shall be the date prevailing on the first day of Calendar month which shall be determined in the manner prescribed hereunder:-
  - (i) When the material is offered within stipulated delivery schedule : For allowing P.V. the date of delivery shall be considered the date on which material is notified as being ready for inspection or date of receipt of inspection call in the office.
  - (ii) When the material is offered after expiry of stipulated delivery schedule : For allowing P.V. in the cases supplies are made after the expiry of scheduled delivery, the price prevailing in the last month of the stipulated scheduled delivery or the date on which material is notified as being ready for inspection or date of receipt of inspection call in the office, whichever is beneficial to Nigam shall be allowed.
  - (iii) When the material if offered ahead of delivery schedule on the request of Jaipur Vidyut Vitran Nigam Limited : Normally supplies ahead of delivery schedule shall not be accepted. However in case of urgency of material, if supplies are accepted ahead of delivery schedule, PV shall be allowed on the basis of the material is notified as being ready for inspection or date of receipt of inspection call in the office.
  - (iv) When the material is offered ahead of delivery schedule by firm at their own and accepted by Nigam on the request of firm: Normally the request of the firm to accept the material ahead of delivery schedule will not be accepted. In case firm offers supplies ahead of delivery schedule at their own and such request is accepted by Nigam, the price prevailing in the last month of stipulated delivery schedule or the date on which material is notified as being ready for inspection or date of receipt of inspection call in the office, whichever is beneficial to Nigam shall be allowed.



**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	Name of IS/other standard specification to which material should confirm	Other particulars if any.	to
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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	Name of IS/other standard specification to which material should confirm	Other particulars if any.	to
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**(Signature)**

Name & Designation  
with seal of the bidder.

## **SCHEDULE-III-A**

# **PRE-QUALIFICATION REQUIREMENT**

### **ITEM:- 36 KV Outdoor VCBs**

### **TN- 2122**

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 item. 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%** of tendered quantity of 36 KV Outdoor VCBs, 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 and minimum quantity to be offered 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 VCB etc.** 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 **5 (Five) 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.

**However, in the cases where bidder does not enclose complete & valid type test certificate as per requirement of specification along with its techno-commercial bid, its bid can be considered only if they furnish complete & valid type test certificate at least three working days prior to opening of Price Bid.**

#### **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 liscence (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.

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**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 (MM)  
JVNL, JaipurWith reference to your invitation to tender against Specification No. **TN-2122**, we agree to supply \_\_\_\_\_, our price are **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.
1.	36 KV O/D VCBs														

**COST OF INSTALLATION & COMMISSIONING PER BREAKER ON 'FIRM' PRICES AND APPLICABLE TAXES & DUTIES ETC. SHOULD BE INDICATED SEPARATELY (W.C.T., IF APPLICABLE SHALL BE BORNE BY THE NIGAM).**

Note :-

- (i) The prices as quote above are valid for a period of **120 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

**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-2122 we agree to supply the following quantity:-

S. No	Particulars of item	Tendered Quantity (Nos.)	Qty. Offered	Justification of quantity offered as per Qualifying Requirement.	Status of Type Test Certificates.
1	2	3	4	5	6
1.	36 KV Outdoor VCBs	458			

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 as first day of calendar month, one month prior to the date of tender opening, as per IEEMA latest circular.
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 of G.C.C. (Schedule-II), 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-2122 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-2122 and there are no deviations other than as specified in the **Schedule VI (A&B)**.

Yours faithfully,

Signature of tenderer  
with stamp  
Dated



**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.....

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

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

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S.No.	Particulars of technical & other Performance data	Reasons for deviations/departure.
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**(Signature)**  
Name & Designation  
with seal of the bidder.

**Schedule – V(A)****GUARANTEED TECHNICAL PARTICULARS FOR 36 KV OUTDOOR VCBs AGAINST TN-2122**

<b>Sl. No.</b>	<b>PARTICULARS</b>	<b>To be furnished by the Bidder</b>
	<b>CIRCUIT BREAKERS</b>	
1	<b>NAME OF MANUFACTURER</b>	
2	MANUFACTURER'S TYPE & DESIGNATION.	
3	REFERENCE STANDARD	
4	TYPE	
5	SERVICE	
6	POLE	
7	RATED VOLTAGE (NOMINAL/ MAX.)	
8	FREQUENCY	
9	INSULATION LEVEL	
9.1	IMPULSE WITHSTAND VOLTAGE	
9.2	ONE MIN. POWER FREQ. WITHSTAND TEST VOLTAGE KV (rms)	
10	RATED NORMAL CURRENT AT AMBIENT TEMPERATURE	
11	DERATING FACTOR FOR SPECIFIED 50 °C AMBIENT TEMPERATURE AND SITE CONDITION (IF ANY)	
12	TEMPERATURE RISE ABOVE 50°C AMBIENT	
12.1	RATED CURRENT	
12.2	SHORT TIME CURRENT	
13	RATED OPERATING DUTY	
14	RATED BREAKING CAPACITY BASED ON RATED OPERATING DUTY.	
(A)	SYMMETRICAL	
(B)	D.C. COMPONENT	
(C)	ASYMMETRICAL	
15	RATED MAKING CAPACITY	
16	RATED SHORT TIME CURRENT FOR 3SEC.	
17	BREAKING CAPACITY UNDER PHASE OPPOSITION CONDITIONS	
18	CAPACITIVE CURRENT BREAKING	
18.1	CAPACITIVE CURRENT	
18.2	OVER VOLTAGE	
19	INDUCTIVE CURRENT BREAKING	
19.1	INDUCTIVE CURRENT	
19.2	OVER VOLTAGE	
20	MAXIMUM OVERVOLTAGE ON SWITCHING TRANSFORMER ON NO LOAD	

21	TOTAL BREAK TIME MEASURED FROM THE INSTANT OF TRIP CIRCUIT ENERGISATION	
21.1	10% BREAKING CAPACITY	
21.2	100% BREAKING CAPACITY	
22	ARCING TIME	
22.1	10% BREAKING CAPACITY	
22.2	100% BREAKING CAPACITY	
23	TOTAL LENGTH OF ARC	
24	BREAKS PER POLE	
25	LENGTH OF BREAK PER POLE	
26	CONTACT TRAVEL	
26.1	LENGTH OF TRAVEL	
26.2	RATE OF TRAVEL	
27	MAKE TIME	
28	SPRING CHARGING TIME	
29	RECLOSING TIME WITH RATED CONTROL VOLTAGE APPLIED AND MEASURED FROM THE INSTANT OF TRIP COIL ENERGISATION	
29.1	MINIMUM DEAD TIME FOR FIRST AUTO RECLOSE	
29.2	RATE OF ADJUSTMENT FOR SINGLE AUTO RECLOSE	
30	RECOVERY VOLTAGE DISTRIBUTION BETWEEN BREAKS IN % OF SINGLE LINE TO EARTH FAULT	
31	SHORT CIRCUIT TYPE TEST CERTIFICATE FURNISHED?	
32.1	CERTIFICATE/ REPORT	
32.2	OSCILOGRAM	
32	CONTACTS	
32.1	TYPE	
(A)	MAIN	
(B)	ARCING	
32.2	MATERIAL	
(A)	MAIN	
(B)	ARCING	
32.3	WHETHER THE CONTACTS ARE SILVER PLATED	
32.4	THICKNESS OF SILVER COATING	
32.5	CONTACT PRESSURE	
33	AUXILIARY CONTACTS	
33.1	TOTAL NUMBER OF CONTACT FURNISHED	
(a)	NORMALLY OPENED	
(b)	NORMALLY CLOSED	

33.2	SPARE CONTACTS AVAILABLE FOR INTERLOCKS IN ADDITION TO THOSE REQUIRED FOR BREAKER'S OWN OPERATION AND INDICATION	
(a)	NORMALLY OPENED	
(b)	NORMALLY CLOSED	
33.3	CONTACT TYPE - CONVERTIBLE OR FIXED	
33.4	CONTACT RATING AT 110 V DC	
(a)	MAKE AND CONTINUOUS	
(b)	BREAK (INDUCTIVE)	
34	PERMISSIBLE VARIATION OF 110 V DC	
(a)	CLOSING	
(b)	TRIPPING	
35	MINIMUM CLEARANCE	
(a)	PHASE TO GROUND	
(b)	PHASE TO PHASE	
36	ARRANGEMENT PROVIDED FOR	
(a)	POLE DISCREPANCY	
(b)	TRIP FREE/ FIXED TRIP	
(c)	ANTI PUMPING	
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40	ACCESSORIES (COVERED IN MAIN EQUIPMENT)	
40.1	SPRING CHARGING HANDLE	
40.2	SLOW CLOSING HANDLE	
41	BUSHINGS	
(a)	MAKE AND DRAWING NO.	
(b)	TYPE	
(c)	REFERENCE STANDARD	
(d)	VOLTAGE CLASS	
(e)	MOMENTARY DRY WITHSTAND VOLTAGE	
(f)	VISIBLE DISCHARGE VOLTAGE	
(g)	ONE MINUTE DRY WITHSTAND VOLTAGE	
(h)	ONE MINUTE WET WITHSTAND VOLTAGE	
(I)	IMPULSE WITHSTAND VOLTAGE	
(j)	UNDER OIL PUNCTURE VOLTAGE	

(k)	CREEPAGE DISTANCE, TOTAL/PROTECTED	
(l)	HEIGHT REQUIRED TO REMOVE THE BUSHING	
(m)	PERMISSIBLE SAFE CANTILEVER LOADING ON BUSHING	
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43	VOLUME OF INSULATING MEDIUM OF BUSHING	
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47	SHIPPING WEIGHT OF THE HEAVIEST PACKAGE	
48	THE SAFETY BOUNDARIES DURING BREAKING OPERATION OF CIRCUIT BREAKER WITH AN EXTERNAL EXHAUST FOR IONISING GASES OR FLAMES IN RESPECT OF CIRCUIT BREAKERS	
49	NO. OF OPERATIONS, THE CIRCUIT BREAKER IS CAPABLE OF PERFORMING WITHOUT INSPECTION, REPLACEMENT OF CONTACTS OR OTHER MAIN PARTS	
(a)	AT 50% RATED CURRENT	
(b)	AT 100% RATED CURRENT	
(c)	AT 50% RATED BREAKING CAPACITY	
(d)	AT 100% RATED BREAKING CAPACITY	
50	CONTROL AND MEASURING PANEL	
(a)	MAKE	
(b)	TYPE OF CONTROL	
(c)	MOUNTING	
(d)	TYPE AND MAKE OF DDL MOTOR STARTER WITH FUSE SWITCH	
(e)	SCHEMATIC DIAGRAM ENCLOSED	

**Name of Firm**  
**Signature of Bidder**  
**Designation & Seal**  
**Date**



**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:-

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S.No.	Main Deviations from Technical Specification.
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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.



**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:-

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S.No.	Main Deviations from Specification.
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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.



**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 Nos.	Order No. & Date	Name & details of purchasing authority	Date of Completion
1	2	3	4	5	6

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

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

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

**SCHEDULE-VIIA****TN-2122****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 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 during the financial year		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.**



## 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:-

Sr. No.	Particulars of Material	Commencement period	Rate of supply per month	Period for completion of delivery of entire material
1.	36 KV Outdoor VCBs	After 60 Days from the date of receipt of detailed Purchase Order.	_____ Nos. per month (to be quoted by tenderer)	Completion in <b>six months</b> at equal monthly rate.

#### 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	Period for completion of delivery of entire material
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- 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.



**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.

**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 36 KV OUTDOOR VCBs UNDER SPECIFICATION  
NO.JPD/SE/MM/SPO-V/TN-2122.**

LAST DATE AND TIME FOR : 15.6.2011 at 2.30 p.m.  
RECEIPT OF BID

DATE AND TIME OF : 15.6.2011 at 3.00 p.m.  
OPENING OF BID

EARNEST MONEY TO BE : Rs. 2,00,000.00  
DEPOSITED

COST OF THE : Rs.2,500.00(non refundable)  
SPECIFICATION

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

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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 JVNVL website [www.jaipurdiscom.in](http://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. JVNVL 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. JVNVL 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 JVVNL.

- 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