

**SCHEDULE-III****TECHNICAL SPECIFICATION FOR SUPPLY OF 200 AMP. & 400 AMP LT DISTRIBUTION KIOSK SUITABLE FOR 63/100 & 250/315 KVA DISTRIBUTION TRANSFORMERS RESPECTIVELY AGAINST TN-2441.**

1. **INTRODUCTION:** This section describes the objective and scope of work for design, manufactured, testing and supply of LT Distribution kiosk with all accessories.
2. **OBJECTIVE:** The objective is to develop an efficient and accidental free distribution system in the jurisdiction area of Jaipur Vidyut Vitran Nigam Ltd.
3. **SCOPE OF WORK:** The scope of work shall mainly include the following:-  
Design, Testing and supply of following rating of LT Kiosk with all necessary accessories.

<b>Sr. No.</b>	<b>Item</b>	<b>Qty in Nos.</b>
<b>1</b>	<b>200 Amp. L.T. Distribution Kiosks suitable for 63/100 KVA Distribution Transformers</b>	<b>1,000</b>
<b>2</b>	<b>400 Amp. L.T. Distribution Kiosks suitable for 250/315 KVA Distribution Transformers</b>	<b>2,000</b>

**4. APPLICABLE STANDARDS:**

- a. IS :13947/1993 (Part 3)/IEC:60947 (Pt.3) for Isolator (Switch Disconnecter)
- b. IS: 13947/1993 (Part2)/ IEC:60947 (Pt.2) (amended upto date) for L.T. MCCBs.
- c. IS: 8623/1993 (amended upto date) for enclosure Box & for degree of protection provided by enclosures of electrical equipments.
- d. IS:4237/1982, IS:8623/1993 (amended upto date) – for general requirement of L.T. Switchgear

**5. MANUFACTURE/CONSTRUCTION OF LT DISTRIBUTION KIOSK:-**

L.T. Distribution kiosk will have Isolator/Switch Disconnecter as incomer and single phase MCCBs & Link Disconnecter on outgoing side with necessary interconnecting Bus Bars/Links.

Standard General Arrangement of Isolator/Switch Disconnecter, MCCBs & Link disconnecter, Neutral Link Bus Bars, connecting links, Cable termination arrangement etc inside the LT DISTRIBUTION KIOSK is shown in the enclosed drawing for LT Distribution kiosk suitable for 250/315 KVA & 63/100 KVA Distribution Transformers.

## 6. INCOMER CIRCUIT

### ISOLATOR (SWITCH DISCONNECTOR)

The Isolator shall be of heavy duty, quick make and quick break type with Arc Chute feature. The Isolator for 400 Amp. & 200 Amp. L.T. Distribution Kiosk should have Short Circuit rating of at least 20 kA for one second & 4 kA for two second respectively to withstand the short circuit fault level in our distribution system.

Each LT DISTRIBUTION KIOSK shall have following rating of triple pole isolator depending upon the capacity of Transformer for which it is to be used. :-

Sr. No.	Rating of Transformer	Rating of triple pole isolator	No. of triple pole isolator
1	63 / 100 KVA	200 Amp.	1 No.
2	250 / 315 KVA	630 Amp.	1 No.

The bidder have to indicate makes and types of isolator and submit the complete type test report of the isolator as per specification, along with the offer and the isolator to be provided in the LT distribution KIOSK shall be conforming to our specification.

Isolator should be front operated triple pole type. No separate enclosure is required if the casing of non tracking heat resistant insulating material is provided. The isolator shall be of rebutting construction for operation. The handle of the isolator should be detachable easily for security purpose while working on L.T. lines. The characteristics of Isolator shall be as follows:-

Sr. No.	Characteristic	400 Amp. L.T. Distribution Kiosk	200 Amp. L.T. Distribution Kiosk
1	Rated Operational current	630 Amp	200 Amp
2	Mechanism	Manual quick make quick break	Manual quick make quick break
3	Standard applicable	IS:13947/1993/ IEC 60947 Pt.3 amended up-to-date	IS:13947/1993/ IEC 60947 Pt.3 amended up-to-date
4	Utilization category	AC-23A	AC-23A
5	Mechanical Endurance	As per IS	As per IS

6	Electrical Endurance	As per IS	As per IS
7	Rate duty	Uninterrupted	Uninterrupted
8	Making/Breaking capacity	Not less than the requirement of AC-23A category.	Not less than the requirement of AC-23A category.
9	Rated Short Time withstand current	20 kA for one second	4 kA for two second

The terminal connector strips of the isolator shall be projecting out of isolator for minimum length of 80 mm, on cable connection side and 60 mm, on bus bar side as shown in the drawing. The cross section of the strips shall be 30x5 Sq.mm for 63/100 KVA & 50x6 sq. mm for rest on outside of the isolator and length & cross section inside the isolator shall be provided as per design. The material shall be EC grade tinned copper. The terminal strip shall be continuous from the point of contact separation.

All nut bolts used for assembly and connections shall be of nonmagnetic stainless steel only.

## 7. OUT GOING CIRCUITS:

### 7.1(a) MCCBs

Any make of MCCB offered by the firm will be acceptable subject to having successful type test reports.

#### TIME CURRENT CHARACTERISTICS:-

The L.T. MCCBs 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 and less than 2 hrs.
1.3	Less than 30 minutes
1.4	Less than 10 minutes
2.5	Less than 1 minute
4.0	Not less than 2 seconds
5.0	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 degree C. Deration, if any upto 60 degree C ambient temperature shall not exceed 10 % of the current setting indicated above.

Each LT DISTRIBUTION KIOSK shall have 3 Nos. of single pole MCCBs per circuit to control and protect outgoing circuits. MCCB shall be conforming to our specification and relevant ISS.

The bidder have to indicate makes & type of MCCB and submit the complete type test reports of the MCCB as per IS:13947/1993 for test sequence I, II & III complete with certified diagram/ Oscillograms and approved drawing from NABL approved Laboratory along with offer. The successful bidder shall furnish detailed type test reports of MCCBs to be used by them, for our approval. The colour of MCCB casing for 63/100 KVA L.T. Distribution Kiosks shall be brown and for 250/315 KVA LT DISTRIBUTION KIOSK shall be Gray colour. Offers without complete type test reports of MCCB as above, may be rejected.

The MCCBs shall be manually operated type and shall have quick make quick break mechanism. The detailed specification for MCCBs shall be as under:-

1.	KVA rating	250/315	63/100
2.	Rated current	200 A	200 A
3.	No. of Circuits	4 Nos.	2 Nos.
4.	Fixed overload release setting (Amp.)	160 A	60 A/ 90 A
5.	No. of poles	1 Ph	1 Ph
6.	Rated service short circuit breaking capacity(KA) which is equal to ultimate breaking capacity as per IS (Ics = Icu= 18 (KA) or more). (The sequence of operation for this test shall be O-t-CO-t-CO, and t=3 min.) The test shall be done at 240V at 0.4 PF. Voltage rating phase to phase 415V and phase to earth 240V.	13947 Pt.III (1993) 18 KA or more	13947 Pt.III (1993) 18 KA or more
7.	Power factor for short circuit(Max.)	0.4 (lag)	0.4 (lag)
8.	Utilization category	A	A

The Terminal Connector strips of the MCCB shall be projecting out of the MCCB for minimum length of 40 mm on Link Disconnecter side and 60 mm on busbar side as shown in the drawings. The cross section of the strips shall be 30x3 sq. mm on outside of the MCCB and the length and cross section inside the MCCB shall be provided as per design. The material shall be EC grade tinned copper. The terminal strip shall be continuous from the point of contact separation.

All nut bolts used for assembly and connections shall be of non-magnetic stainless steel only.

The rated service short circuit breaking capacity as specified in at Sr.No.6 above, shall be based on the rated service short circuit test carried out at specified power factors. For the purpose of this test, the following operation sequence shall be followed.

Break-3 minutes interval-make-3 minutes interval make break.

While the above stipulation regarding the test power factor and the sequence of operation shall be binding, the other procedure for making the short circuit test and circuit etc. shall generally be in accordance with the Indian standard applicable to the type of circuit breakers under test. MCCBs should have locking facility in 'off' position.

The MCCB shall directly be purchased from the manufacturer or the authorized dealer or stockiest. The routine & acceptance test on MCCB shall be carried out at the works of original manufacturer. However, in every case of purchase of MCCB the delivery shall be from the manufacturer's godown for which a copy of bill shall be given to inspecting officer at the time of inspection.

Single pole MCCB is to be provided with over load trip release with inverse time current characteristics for overload protection and magnetic trip release for instantaneous tripping in the wake of Short-Circuits.

These MCCB's shall be confirming to IS 13947/1993 or any other relevant ISS/IEC as amended upto date. The rated un-interrupted current of MCCB shall be 200 Amp. with the overload release set at 160 Amp for 250/315 KVA Distribution Transformers and rated un-interrupted current of MCCB shall be 200 Amp. with the overload release set at 60 A/ 90 A for 63/100 KVA Distribution Transformers.

The MCCB's shall be marked with 'Brand Name' of manufacture and Ics in KA by embossing only whereas other particulars may be marked as per the manufacturers standard practice.

The contacts of MCCB should be self-wiping type so as to keep the contacts clean and milli-volt drop low.

**7.2 LINK DISCONNECTOR:** Link Disconnecter of suitable capacity shall be provided between outgoing terminal of MCCB & cable connection as shown in the drawing to facilitate mechanical breaking of the circuit.

Each LT DISTRIBUTION KIOSK shall have 3 Nos. of Link Disconnectors in each outgoing circuits.

The bidder has to indicate the Makes and Types of Link Disconnecter offered.

The base of the Link Disconnecter shall be of non tracking, heat resistant insulating material of superior electrical and mechanical properties equivalent to Dough-Moulding Compound (DMC) etc. upto 200 volt for 400 Amp. The Link Disconnecter shall be sturdy in construction and easy in operation. The link of Link Disconnecter shall be of tinned plated E.C. grade copper. The construction of the Link disconnecter shall be such that it shall be hinged type on cable connection end and dis-connectable at the MCCB end. The disconnection will be with the help of special handle/puller. One handle/puller shall be supplied along with each LT DISTRIBUTION KIOSK. The terminal connector strips of the Link Disconnecter shall be projecting out of Link Disconnecter for minimum length of 80 mm on cable connection side and 40 mm on MCCB outgoing side as shown in the drawings. The cross section of the strips shall be 30x3 sq. mm and Cross section of knife edge link shall be 20x4 sq. mm. The material for both the strips and links shall be tinned E.C. grade copper.

These base of Link Disconnecter shall be rated for 150 Amp. current for 63/100 KVA and 200 Amp. current for 250 /315 KVA.

All nut & Bolts used for assembly and connections shall be of non magnetic stainless steel only.

- 8. BUSBARS AND CONNECTIONS:** Bus Bars & inter connecting links shall be of anodized Electrolytic grade aluminum as per IS 5082. All bus bars & links should be properly drilled, de-burred and should be provided with durable PVC insulating sleeves, standard Colour code shall be used for different phases. Minimum clearance wherever shown shall be as per General Arrangement drawing attached. Other clearance shall be as per requirement of IS: 4237 amended upto date. The size of Main Bus bars and neutral bus bar for different rating of LT Distribution Kiosk shall be as below :-

Sr. No.	Rating of LT Distribution KIOSK suitable for Transformers of	Size (cross-section) of main Bus-Bar / dropper links	Size (cross-section) of neutral Bus-Bar
1	250 / 315 KVA	2 x (40 x 8 mm) / 30 x 8 mm	60 X 8.5 mm
2	63 / 100 KVA	40 X 6 mm/ 25 x 4 mm	60 X 3 mm

- 8.1 All busbars and links should be properly drilled, de-burred and preferably brazed to minimize tearing of joints. Minimum joints preferred.

- 8.2 Busbars shall be provided with durable PVC insulating sleeves. Standards colour code shall be used for different phases.

## **9. ENCLOSURES:**

- 9.1 The circuit breakers, Link Disconnecter and Isolator shall be housed in a sheet steel enclosure with the door closed. The enclosure shall comply with the requirement of IP-43 type as per relevant IS / IEC or the latest version thereof. Access to the circuit breakers including operating handle shall be available only after the enclosure door is opened.
- 9.2 Four sets of louvers shall be provided to ensure that the temperature inside the enclosure is not substantially different from that of the atmosphere. The louvers shall be provided with perforated M.S. sheet of 1.25 mm welded from inside the LT DISTRIBUTION KIOSK.
- 9.3 Fixing of circuit breaker inside the enclosure shall be such as to allow free circulation of air at its back and sides.
- 9.4 The centrally closed doors with "Godrej" type triple position locking arrangement shall be provided. In addition to this, an arrangement for locking the doors by Sturdy rod type door latch shall be provided on outside. Both illustrations are shown in the drawing.
- 9.5 The enclosure shall be made of sheet steel of not less than 2 mm thickness for 250/315 KVA & 63/100 KVA.
- 9.6 The enclosure shall be painted with suitable weather proof & corrosion resistant enamel paint after 7 Tank cleaning process both inside & outside. The colour of the inside paint shall be white, while that of the outer paint shall be brown for 63/100 KVA L.T. Distribution Kiosks and gray for 250/315 KVA LT DISTRIBUTION KIOSK. Powder coating followed with 7 tank hot phosphate cleaning process is equally acceptable. In case of Powder coating the colour of inside & outside surfaces shall be same i.e. brown for 63/100 KVA rating and gray for 250 / 315 KVA rating.
- 9.7 Necessary fixing arrangement shall be provided at the back of the enclosure to ensure proper fixing on double pole structure by means of suitable clamps only for 63 & 100 KVA L.T. Distribution Kiosks.
- 9.8 Necessary fixing arrangement shall be provided at the top of the Canopy as shown in the drawing to ensure proper fixing on double Pole structure. In addition to this two Nos. M.S. channel of size 75x40x40 shall be provided at the bottom of the enclosure as shown in the drawing for fixing the enclosure on Plinth.

- 9.9 For all rating of LT Distribution Kiosks i.e. 63/100 KVA & 250 / 315 KVA the top of the Distribution Kiosks shall be provided with a sloping Canopy such that the rain water is not accumulated on the top. The Canopy shall be of one piece construction. The side members shall be welded at both sides. The Canopy shall project over the sides & doors. The sides section shall be folded to a "U" form to make a water drawing channel. Only front opening is required for 63/100 KVA L.T. Distribution Kiosks whereas for other rating of L.T. Distribution Kiosks i.e. 250/315 KVA, the opening shall be on both sides.
- 9.10 A suitable bimetallic cable termination arrangement with support insulators shall be provided by extending the EC gr. Tinned copper terminals of the incoming Isolator & outgoing Link Disconnecter. It shall be such that after fixing relevant cable lugs, clearances and creepages are maintained.
- 9.11 The 3.15 mm bottom plate shall be, detachable to facilitate easy crimping of lugs to the cable ends and for convenience in making connections. The plate shall be provided with holes suitable for cable sizes indicated. The bottom plate shall be provided with two air vents with perforated M.S. sheet of 1.25 mm thick welded from inside.
- 9.12 The flats provided for clamping (at top & bottom) shall have horizontal slots for adjustment & shall be of welded construction and the welding should be on all sides.
- 9.13 Required no. of knock out holes should be provided on the bottom plate. Suitable size of PVC cable glands should be provided for these holes.
- 9.14 Instruction leaflet in HINDI should be provided as sticker in the LT DISTRIBUTION KIOSK door from inside as per Nigam's specification.
- 9.15 All the knock out holes shall be of size suitable to enter single core cables having sizes as mentioned in Clause 10.
- 9.16 The Danger marking with fluorescent paint shall be provided on one door and a danger plate shall be riveted on another door, on front side.
- 9.17 The bimetallic lugs of adequate size required for termination of cables on Isolator and Link disconnecter at the incoming and outgoing terminals and neutral link shall be provided. The bimetallic lugs shall be as per enclosed specification & of Make approved by the Nigam.
- 9.18 Minimum 3 Nos. Hinges per door made of heavy duty MS Sheet of minimum length of 75 mm shall be provided from inside.



9.19 All joints for current carrying parts shall be made using non-magnetic stainless steel bolts, 2 nuts & spring washers. The nuts and bolts should be of hexagonal type with groove for bolt.

**10. CABLE TERMINATION:** Suitable lugs for Incoming and outgoing feeders for different rating of LT Distribution KIOSK as below :-

Sr. No.	Rating of LT Distribution kiosk suitable for Transformers of	Incoming cable size	Outgoing cable size
1	250 / 315 KVA	3.5 X 300 / 400 sq. mm	Single core 4 nos. 150/185 sq. mm
2	63 / 100 KVA	3.5 X 120 / 150 sq. mm	Single core 4 nos. 50/70 sq. mm

**11. FINISH OF LT DISTRIBUTION KIOSKS:**

11.1 All sheet metal works shall undergo the 7 tank chemical and mechanical cleaning process before final paint. Two coats of red oxide and two coats of final paints shall be applied. Colour of outside/inside surface shall be mentioned in this specification.

11.2 Electrostatic painting with oven drying will also be acceptable.

11.3 All other metal parts used in the LT DISTRIBUTION KIOSK's shall be treated as under.

M.S. parts such as Bolts& Nuts, washers etc. : Electro galvanizing of Zinc except for bus bar & links.

**12. SAFETY ARRANGEMENTS:** Two earthing studs of galvanized M.S. 50x12 mm shall be provided for external earth and internal neutral connections. These should be complete with plain washer, spring washer, nuts etc. Earthing studs must be welded to prevent removal of the same from the LT DISTRIBUTION KIOSK.

**13. TESTS & TEST CERTIFICATES:** The routine and acceptance tests of MCCB as per relevant IS and this specification shall be carried out at the original manufacturer's works. In case of brought out items, such as Isolator, Link Disconnecter etc., the test certificates of original manufacturer shall be produced to the inspecting officer and shall be enclosed with the inspection report.

**13.1 Routine Test: (carried out on LT DISTRIBUTION KIOSK's)**

- a) Overall dimensions checking
- b) High voltage test as per relevant IS.
- c) Operation test on MCCB/ Isolator /Link Disconnecter.

### **13.2 Acceptance Tests (on complete LT DISTRIBUTION KIOSK):**

Following tests shall be carried out as acceptance tests in addition to routine tests as per sampling plan i.e. 1 no out of every lot of 50 or part thereof.

**i) Insulation Resistance tests**

**ii) Temperature rise test on one sample of each rating :** Temperature rise test will be carried out on complete LT Distribution KIOSK with all equipments & accessories mounted inside as per provision of IS : 8623 , part – I -1977.

This test shall be carried out on LT DISTRIBUTION KIOSK as well as MCCB & link Disconnecter Separately.

**iii) Time-Current Characteristics:** With the stabilized temperature rise as per (ii) above the MCCB should be tested for time current characteristics at 1.05 & 1.3 times of overload release setting current and should pass the requirement given in this specification.

**iv)** All routine test as per clause 13.1.

### **13.3 Routine & Acceptance Test on MCCB at original manufacturer's works.**

To ensure the quality of MCCB, routine & acceptance tests on MCCBs may be carried out at the works of original manufacturers. Before offering the complete box, the manufacturer should offer the MCCBs for inspection at the works of original manufacturer. 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 second 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. 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).

The criteria for selection of No. of samples and for acceptance of lot shall be on 1% quantity or 10 Nos. samples whichever is more. 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 successful testing of all samples in respect of tests mentioned above shall be the acceptability criteria of the lot/sub-lot.**

Balance Type test of rating offered relating to all equipments/material as per Specification shall be arranged from first lot (without asking for any delivery extension) from CPRI/ independent NABL accredited Lab.

### 13.4 TYPE TESTS:

#### I) ON COMPLETE LT DISTRIBUTION KIOSK

- a) **Temperature rise test:** The temperature rise test should be carried out as per IS: 8623-1993.

Each feeder shall be loaded to its full capacity along with Incomer Isolator as below:

Capacity of LT DISTRIBUTION KIOSK Suitable for transformer having rating	MCCB(SP)	Isolator (SP)
250 / 315 KVA	160 / 160 Amp	630 Amp, 1 No.
63 / 100 KVA	60 / 90 Amp	200 Amp, 1 No.

- b) High voltage test as per IS:8623 amended upto date.
- c) Short Time Withstand Current Test on distribution LT DISTRIBUTION KIOSK:-The LT DISTRIBUTION KIOSK should be subjected to Short Time Withstand Current Test for value of 4 KA for two second for 63/100 KVA rating and 8 KA for two seconds for 250 / 315 KVA rating all circuit independently. The test should be carried out after by-passing MCCBs.
- d) Degree of protection for IP-43 on complete unit.
- e) Time/current characteristic test as per clause 13.2 (iii) of this specification as stated above.

#### II) ON ISOLATOR:

All type test on incoming Isolator as per IS-13947/ 1993 (Part-III)/ IEC 60947 amended up to date. Only test report shall be submitted.

#### III) ON MCCB

All type test on MCCB as per IS-13947 amended upto date. Only test reports shall be submitted.

**13.5 TEST CERTIFICATES :**The LT DISTRIBUTION KIOSK, Isolator and MCCB offered shall be fully type tested as per relevant IS and this specification .

The bidder must furnish type test reports along with bid as per the qualification requirement of the Tender Specification.

The detailed type Test Reports shall be furnished with relevant oscillogram drawings and certified Drawing of the equipment tested. The purchaser reserves the right to demand repetition of some or all type tests in presence of purchaser's representative at purchaser's cost. For this purpose, the tenderer shall quote unit rates for carrying out each Type Test.

**13.6 Back up guarantee:** In case the tenderer is not manufacturer of MCCB, Link Disconnect & Isolator in that case the back up guarantee in the enclosed format for the bought out items shall be submitted from the original manufacturer of these items. The offers without back up guarantee are likely to be rejected.

**14. TESTING & MANUFACTURING FACILITIES:** The tenderer must clearly indicate what testing facilities are available in the works of manufacturer and whether the facilities are adequate to carry out all routine acceptance and type tests. These facilities may be verified by JVNL Engineers or other testing agency , if deputed to carry out or witness the tests in the manufacturer's works. The tenderer must have all the in-house testing facilities to carry out the acceptance tests on the LT DISTRIBUTION KIOSK.

The tenderer should have following minimum manufacturing facilities in house to prove his reliability as a manufacturer of LT DISTRIBUTION KIOSKs.

- i) Power operated shearing machine
- ii) Power operated press brake.
- iii) Power operated power presses
- iv) Welding machines,
- v) Assembling tools

The tenderer shall furnish detailed process of painting. In case painting is to be carried out from outside agencies, the tenderer shall furnish the facilities available with the sub-contractor.

**15. TENDER SAMPLE:** The tenderers are required to furnish 1 No. LT DISTRIBUTION KIOSK of either rating as per JVNL's specification along with the offer. However, the bidders who have already supplied L.T. Distribution Kiosks of rating 400 Amp. or 200 Amp. against previous tender are not required to furnish sample(s).

**16. INSPECTION:** All tests and inspection shall be made at the place of manufacturer. The manufacturer shall afford the Inspector (representing the purchaser), all reasonable facilities, without charge to satisfy him that the material is being supplied in accordance with this specification. All the equipments used in testing shall be calibrated from NABL accredited test lab & shall not be more than one year old.

**17. CTL TESTING OF MCCB:-**

To ensure the quality of MCCB, routine & acceptance tests on MCCBs may be carried out at the works of original manufacturers. Besides this, dimensional checking on One No. MCCB from each lot at CTL may be carried out by braking the MCCB and matching the same with the internal drawing of type tested MCCB. Payment of the particular lot shall be released only after successful testing at CTL.

**18. PAYMENT IN ABSENCE OF TYPE TEST REPORTS.**

Nigam may accept the material in absence of type test report. 85% payment shall be released in absence of type test reports. In case of failure of selected sample during type testing, another sample will be selected from the material already received in stores to get it type tested as per provision of purchase order at firm's cost. In case of repeat failure 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 material shall be arranged after deducting 10% cost. However, Nigam may ask firm to re-offer the material after change/ modification in the material. The balance material shall be accepted only after successful type testing. The type testing charges shall be borne by firm." However, no material will be accepted in absence of complete type test of Isolator & MCCB.

**19. ADDITIONAL ORDER**

Repeat orders for additional quantities, upto 50% of original ordered quantities, may be placed by the Nigam, on the same rates, terms and conditions given in the contract.

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SE(MM)/SPO-V/TN-2441

**BILL OF MATERIAL FOR L.T. DISTRIBUTION KIOSK FOR  
250/315 KVA & 63/100 KVA TRANSFORMER (JVNL), (TN-2441)**

S.NO.	ITEM	SIZE	
		63/100 KVA	250/315 KVA
1	M.S. SHEET	2 MM THICK	
2	SWITCH DISCONNECTOR (T.P.)	200A - 1 NO.	630 A - 1 NO.
3	M.C.C.B. (S.P.)	200Amp with overload release set at 60/90 A -6 NOS.	200Amp with overload release set at 1 60 A -12 NOS.
4	LINK DISCONNECTOR	150 A-6 NOS.	200 A- 12 NOS.
5	ALU. BUSBAR	40 * 6 MM	2*(40*8 MM)
6	ALU. DROPPERS	25 * 4 MM	38 * 8 MM
7	ALU. NEUTRAL BUSBAR	60 * 3 MM	60 * 8.5 MM
8	COLOUR INSIDE / OUTSIDE IN CASE OF ENAMEL PAINT	WHITE / BROWN	WHITE / GREY
	COLOUR INSIDE / OUTSIDE IN CASE OF POWDER COATED	BROWN	GREY
9	DANGER PLATE	AS / DRG. 1 NO.	
10	NAME PLATE	AS / DRG. 1 NO.	
11	FUSE PULLAR	1 NO.	
12	P.V.C. GLANDS	2"- 1 NO.	3"- 1 NO.
13	P.V.C. GLANDS	1 1/2" -2 NOS.	2"- 4 NOS.
14	BUSBAR STIFFNER	2 NOS.	

**LEGENDS:-**

1. M.S. SHEET FOR ENCLOSURE 2MM & BOTTOM PLATE 3.15MM THICK.
2. DANGER PLATE AS/SP.- 1 No.
3. NAME PLATE AS/ SP. – 1 No.
4. MCCB (S.P.) 200 A – 12 Nos.(250/315 KVA) & – 6 Nos.(63/100 KVA)
5. ISOLATOR 630 A (T.P.) – 1 No. (250/315 KVA) & 200 A – 1 No. (63/100 KVA).
6. LINK DISCONNECTOR 200 A – 12 NOS.(250/315 KVA) & 150 A – 6 Nos.(63/100 KVA)
7. Alu. BUSBAR 2x(40x8mm).(250/315 KVA) , 40x6mm.(63/100 KVA) WITH HEAT SHRINKABLE SLEEVES.
8. Alu. DROPPERS 30x8mm.(250/315 KVA) , (25mm X 4mm) X 2 Set.(63/100 KVA) WITH HEAT SHRINKABLE SLEEVES.
9. Alu NEUTRAL BUS BAR 60x 8.5 mm.(250/315 KVA) ,60x3mm.(63/100 KVA) OR EQUIVALENT CROSS SECTION
10. EARTHING BOLTS WITH NUT & PLAIN, SPRING WASHER (GALVANIZED) M12x50 MM – 2 Nos.
11. COLOUR –FOR 250/315 KVA - INSIDE WHITE & OUTSIDE DARK GREY IN CASE OF ENAMEL PAINT. DARK GREY INSIDE & OUTSIDE IF POWDER COATED.  
FOR 63/100 KVA - INSIDE WHITE & OUTSIDE BROWN IN CASE OF ENAMEL PAINT. BROWN INSIDE & OUTSIDE IF POWDER COATED.

**Min. Clearance**

- a. 200 mm
- b. 75,,
- c. 60mm
- d. 95mm  
mm.

1. All dimensions are in

Sheet-2/2

<b>JAIPUR VIDYUT VITRAN NIGAM LIMITED</b>	
<b>TITLE</b>	<b>L.T. DISTRIBUTION KIOSK FOR 250/315 KVA &amp; 63/100 KVA TRANSFORMERS.</b>

**ANNEXURE -1****BACK UP GUARANTEE FOR BOUGHT OUT ITEMS FROM ORIGINAL MANUFACTURER OF MCCB/ISOLATOR/LINK DISCONNECTOR.**

To,  
The Superintending Engineer(MM),  
Jaipur Vidyut Vitran Nigam Ltd.,  
Old Power House Premises,  
Jaipur

Sub:- Supply of MCCB/ Isolator/Link Disconnecter to be provided in the L.T. Distribution LT DISTRIBUTION KIOSKs to M/s \_\_\_\_\_ against tender No. \_\_\_\_\_ due on \_\_\_\_\_.

We hereby confirm that we have agreed to supply LT MCCB/ Isolator/Link Disconnecter to M/s \_\_\_\_\_ participating against tender No. \_\_\_\_\_ & specification No. \_\_\_\_\_ of JVNL for supply of LT DISTRIBUTION KIOSKs.

Further, we also assure to extend all kinds of technical assistance, guidance, after sale service during the course of supply and during the guarantee period. The LT MCCB/ Isolator/Link Disconnecter shall be supplied to them to support the delivery quoted by them and hence we guarantee the delivery performance.

We also agree to bear the guarantee of our MCCB/ Isolator/Link Disconnecter for the items to be supplied by M/s. \_\_\_\_\_ as per Nigam's guarantee clause.

Thanking you,

Yours faithfully,

MCCB/ISOLATOR/LINK DISCONNECTOR MANUFACTURER  
(SIGNED BY AUTHORIZED PERSON)



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**(TN-2441)**

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1. Tender documents will be made available on e-Tendering portal <http://www.eproc.rajasthan.gov.in/nicgep/app> . The bidders, in their own interest are requested to read very carefully the tender document before submitting the bid only through online on website <http://www.eproc.rajasthan.gov.in/nicgep/app>. The bidders can download bid documents and submit their bids upto 5.00 p.m. one day prior to schedule date of opening of respective bid mentioned above.
2. Eligible bidders should submit their bid well in advance instead of waiting till last date. JVVNL will not be responsible for non-submission of Bid due to any website related problems.
3. The Tender process fee **Rs.1,180/-** to be paid by Demand Draft/Banker's Cheque in favour of MD,RISL, Jaipur and cost of tender specification to be paid by Demand Draft/Banker's Cheque in favour of AO(MM), JVVNL, Jaipur (payable at Jaipur), be deposited in the office of the Accounts Officer (MM), JVVNL, Old Power House Premises, Bani Park, Jaipur-302006 upto 2.00 p.m. upto one WORKING day prior to schedule date of opening of respective bid. The Bid Security amount (as applicable) to be paid by Demand Draft/Banker's Cheque in favour of AO(MM), JVVNL, Jaipur (payable at Jaipur) or Bank Guarantee, in specified format,

of a scheduled bank in favour of Chief Engineer (MM), JVVNL, Jaipur, be deposited in the office of the Accounts Officer (MM), JVVNL, Old Power House Premises, Bani Park, Jaipur-302006 upto 2.00 p.m. upto one WORKING day prior to schedule date of opening of respective bid.

4. The bidders are required to **upload the** receipt of depositing all above payments along with their tender at the relevant place on the scheduled date & time otherwise their bids are liable to be rejected.

**Note :-** 1. All eligible interested bidders are required to get enrolled on e-Tendering portal <http://www.eproc.rajasthan.gov.in/nicgep/app>.

2. If any difficulty arises, in down downloading/ uploading of tender you may contact in the RISL, Jaipur Rajasthan at following Contact/address

Address of RISL:-

RajCOMP Info Services Limited (RISL)  
1<sup>st</sup> Floor, Yojana Bhawan, Tilak Marg, C-Scheme, Jaipur (Rajasthan)

<b>Tel :</b>	0120-4200462, 0120-4001002
<b>Mobile :</b>	8826246593
<b>E-Mail :</b>	support-eproc[at]nic[dot]in
	<b>Local Helpdesk Number - 0141-4022688</b>
	Available all Working days (between 9.30 AM and 6.00 PM)
<b>E-Mail :</b>	eproc[at]rajasthan[dot]gov[dot]in

**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 200 AMP. & 400 AMP. LT DISTRIBUTION KIOSK FOR 63/100 KVA & 250/315 KVA RATING DISTRIBUTION TRANSFORMERS RESPECTIVELY UNDER SPECIFICATION NO.JPD/SE/MM/SPO-V/TN-2441**

LAST DATE AND TIME FOR BID SUBMISSION	<b>07.12.2017 at 5.00 p.m.</b>
DATE AND TIME OF OPENING OF BID	<b>08.12.2017 at 3.00 p.m</b>
<b>ESTIMATED</b> UNIT FOR DESTINATION PRICE OF ITEM	
<b>i) 200 Amp. L.T.Dist. Kiosks</b>	<b>Rs. 19,500/-</b>
<b>ii) 400 Amp. L.T.Dist. Kiosks</b>	<b>Rs. 33,700/-</b>
BID SECURITY TO BE DEPOSITED	i) General Bidder : Rs. 17.36 Lac ii) Sick Unit : Rs. 8.68 Lac iii) SSI Unit of Rajasthan : Rs. 4.34 Lac *
COST OF THE SPECIFICATION	Rs.2,950.00(non refundable)
TENDER PROCESSING FEE	Rs.1,180.00(non refundable)
VALIDITY	120 DAYS FROM THE NEXT DATE OF OPENING OF TECHNO-COMMERCIAL BID

**\* In case SSI units of Rajasthan quote less than the tendered quantity then they are required to furnish Bid Security @ 0.5% of the estimated value of quantity offered on the basis of estimated unit FOR destination price.**

Further, while depositing the bid security amount in the office of Accounts Officer (MM), JVVNL, Jaipur, the bidders shall also furnish a certificate of SSI unit of Rajasthan/ sick unit and also to submit a letter mentioning the quantity offered by them.

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

<b>S.No</b>	<b>ITEM</b>	<b>QUANTITY</b>
1.	200 Amp. LT DISTRIBUTION KIOSK FOR 63/100 KVA RATING DISTRIBUTION TRANSFORMERS	1,000 Nos.
2	400 Amp. LT DISTRIBUTION KIOSK FOR 250/315 KVA RATING DISTRIBUTION TRANSFORMERS	2,000 Nos.
	<b>TOTAL</b>	<b>3,000 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****400 Amp. & 200 Amp. L.T.Distribution Kiosks**

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 :-

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

Wherein,

P = Price payable as adjusted in accordance with above formula.

P<sub>o</sub> = Price quoted / confirmed.

IS<sub>o</sub> = Wholesale price index of 'Iron and Steel' (base : 1993-94 = 100) (refer notes).

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

This price is as applicable on the first working day of the month, three months prior to the date of opening of tender.

C<sub>o</sub> = 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<sub>o</sub> = 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<sub>o</sub> = Price of phenolic moulding powder for switchgear and control gear of medium/ lower voltage (upto 650 Volts) or price of epoxy resin for HT Switchgear (above 650 Volts) (refer notes).

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

W<sub>o</sub> = All India average consumer price index number for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India (Base 2001 = 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, 2001, the applicable prices of electrolytic copper wire bars (Co), busbar grade aluminium (Al) and insulating material (In) should be for the month of April, 2001 and wholesale price index of Iron and Steel (IS) should be for the first week ending Saturday of February, 2001 and all India average consumer price index number (W) should be for the month of January, 2001.

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 of 'Iron and Steel' (base : 1993-94 = 100) (refer notes).

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

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 2001 = 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, 2001 the applicable price of raw materials viz. C, Al and In should be for the month of October, 2001 and wholesale price index of 'Iron and Steel' (IS) should be for the first week ending Saturday of August, 2001 all India average consumer price Index number (W) should be for the month of July, 2001.

**Note:- The base date will be 1.11.2017 irrespective of date of tender opening.**

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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 is 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.

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**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	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****QUALIFICATION REQUIREMENT**

**ITEM:- 400 Amp. & 200 Amp. LT DISTRIBUTION KIOSK FOR 250/315 KVA & 63/100 KVA RATING DISTRIBUTION TRANSFORMERS RESPECTIVELY**

**TN- 2441**

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 participated for the first time in a particular Discom & meeting minimum qualification requirement and has supplied the tendered material/or of higher rating in other utility shall be treated as an old supplier. Rajasthan's firms although supplied in past but not meeting minimum quantity supplied criterion including altogether new units which have not supplied any quantity but having adequate & required manufacturing and testing facility and technical know-how of the tendered material shall be considered as new firms and would be eligible for trial order only. In case of supply made to the licensed power utility outside India, the C.A. certificate furnished by firm shall be considered.

**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 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 offered item etc. in the format prescribed, any deviation to format or information diverted format, will not be considered and rejected.

Note:-The material supplied and accepted for same/higher rating for Turnkey projects to a licensed power utility/Govt. shall be considered for the purpose of evaluating criteria. The certificate given by C.A. shall indicate above quantity separately.

## 2.02 **PERFORMANCE CRITERIA:-**

- 2.02.1 i) If a bidder has supplied up to 50% of ordered quantity in previous tender up to 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 up to 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.

## 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 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 C 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 / up to 1.5 Crore/ Upton 0.5 Crore respectively. The initial validity of Bank Guarantee shall be nine months with claim period of three months in addition.

- 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 5 (five) 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 **in any of the state Discom** or with whom business relations have been severed in Jaipur 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 or 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 (A) Black listing of a firm:**

After having given Show Cause Notice of 30 days, and having established & cogent reasons for blacklisting of the firm as given below, the firm should immediately be blacklisted for a period of 5 years indicating reasons of doing so, in the letter itself, and a copy of such blacklisting should be given to the firm, with the approval of CLPC:-

(i) There are sufficient and strong reasons to believe that the supplier or his employee has been guilty of malpractices such as manhandling/misbehavior with Government official by supplier or his partner/employee, bribery, corruption or abatement of such a offence in a position where he could corrupt Nigam's official, fraud, vitiating fair tender process including substitution of or interpolation in tender, mis-representation, pilfer-aging or unauthorized use or disposal of Nigam's material issued for specific work etc.

(ii) 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 dealing or where security considerations including suspected disloyalty to the Nigam/state so warrant the blacklisting.

(iii) If the State Bureau of Investigation or any other authorized investigating agency recommends for blacklisting after completing the investigation.

Note: - 1 If a supplier after having tendered for a supply or after negotiations gives application voluntarily vitiating the fair tendering process, it shall also tantamount to malpractice.

Note:-2 A register containing the reasons for blacklisting the supplier as also the names of all the partner of the suppliers and the allied concerns coming within the effective influence of the blacklisted supplier will be maintained.

Note: - 3 A register of black listed supplier will be maintained which will not only include suppliers enlisted with the Enlisting Authority but also black listed suppliers in Nigam.

Note :-4 A Black listed supplier (i) shall not be entitled for registration in any of the Discom (ii) shall not be awarded any supply order in future in any Discom during the notified period.(iii) his registration if any shall stand cancelled immediately and his registration security /EMD/S.D. shall stand forfeited. (iv) In case of blacklisting of the firm by any one of Discom for the cogent prescribed reason(s) as stipulated above, the same shall be applicable to all the three Discoms and as a consequence of blacklisting, all the pending orders to that firm, will be cancelled in all three (3) Discoms with immediate effect. However in respect of completed/executed contract G.P. obligations as well as other liabilities shall be fulfilled by the supplier.

### **(B) Severment of Business relation:**

(a) After having given Show Cause Notice of 30 days, and having established & cogent reasons for Severment of business relation as given below, the firm should immediately be severed the business relations for a period of 2 to 3 years indicating reasons of doing so, in the letter itself, and a copy of such severment should be given to the firm, with the approval of CLPC:-

(i) The supplier continuously refuses to pay Nigam dues without showing adequate reasons and where the purchasing authority is satisfied that no reasonable dispute attracting reference to Settlement Committee or Court of Law exists for the supplier's action of non-supply.

(ii) When vendor does not accept LOI/detailed purchase order awarded on its accepted prices and terms & conditions or does not comply with the contractual formalities.

(iii) When vendor/supplier who otherwise completed contractual formalities but does not commence supplies on the date of opening of technical bid of the fresh tender/completion of schedule delivery period whichever is later.

**Note-1**-In case supplier does not deposit outstanding dues towards Nigam, even after completion of severment period, the period of severment will continue.

**2.** Severment done purely/ mainly on account of non-deposition of dues against the supplier/vendor/contractor could be lifted by CLPC, if the dues are deposited prior to the expiry of such severment period.

3. Severment done by one Discom for non-supply of material and /or corresponding non-recovery of dues will not be effective in other Discoms except in respect of common purchase cases of three Discom.

4. On severment of business, the EMD/SD/vendor registration security will be forfeited.

5. The orders in execution satisfactorily will not be cancelled other than the order on which severment have been done.

## **(C) DEBARMENT**

Reasons on which Debarment can be made:-

(i) The competent authority may debar the supplier on account of his performance or other disabilities, if it is no longer considered fit to remain under vendor registration as per his obligation under vendor registration.

(ii) If at any subsequent stage of inspection of firms after award of contract, it is found that firm does not have sufficient tech. staff or required/necessary technical equipments, the purchasing authority can debar the firm for one year or next tenders whichever is later. The debarment will be lifted only on re-inspection of firm's works; the defects noticed earlier are fully rectified to the satisfaction of Nigam.

(iii) When contract agreement executed and supplies commenced but could supply only up to 50% of ordered quantity and scheduled delivery period expired, then the firm can be debarred for one year or next tender whichever is later in that Discom only for that particular item/rating/ capacity/size etc.

(iv) The suppliers who have been awarded contract for supply of material is not adhering to the periodic delivery schedule, the contract awarding authority reserve the right to terminate the contract and may debar the firm in participating in tender for a period of 2 to 3 years.

Note:-1. On debarment, the EMD/ SD/Vendor Registration security shall be forfeited.

Note:-. 2. If the firm is debarred in one Discom for any reasons then the same should not be applicable in other Discom subject to exception that in case of common Discoms purchases such debarment of a firm would be applicable to all three Discoms for that particular item and rating/capacity/size etc.

## **6.0 APPEALS AND APPLICATIONS:-**

Appeal against the order of blacklisting, severment and debarment can be filed before BOD within a period of 3 months from the date of intimation. The letter of appeal will be addressed to the order placing authority. Who will process the case for placing the matter in B.O.D. with in a period 60 days. The BOD may reduce or waive the penalty, if sufficient reasons/supporting documents are furnished by the 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 license (wherever it is required), failing which the bid will be summarily rejected.
- IV)** However, a copy of BIS License may be submitted by the bidder up to the official working hours of one working day prior to the schedule / notified date of opening of price bid.
- V) The date of conducting type test shall be before the date of opening of Technical Bid. The date of issuing of type Test Bank Guarantee in lieu of non-furnishing of Type Test reports shall be before the date of opening of technical bid & the Type Test BG issued on or after opening of technical bid shall not be accepted.**

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**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.



**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-2441 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	200 Amp. LT DISTRIBUTION KIOSK FOR 63/100 KVA RATING DISTRIBUTION TRANSFORMERS (As per specification Schedule- <b>III A</b> )	1000 Nos.			
2	400 Amp. LT DISTRIBUTION KIOSK FOR 250/315 KVA RATING DISTRIBUTION TRANSFORMERS (As per specification Schedule- <b>III A</b> )	2000 Nos.			

- The offer is valid for a period of 120 days from the date of opening of this tender.
- The base date of prices will be **1.11.2017** (as per IEEMA latest circular) irrespective of date of tender opening.
- It is noted that the quantities as mentioned in the specification are approximate and we agree to supply any quantity as per your requirement.
- 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-**2441** and as per relevant ISS in all respect.
- We confirm that we agree to all the terms & conditions as well as the technical stipulations of your specification No. JPD/SE/MM/TN-**2441** 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)



**GUARANTEED TECHNICAL PARTICULARS OF LT DISTRIBUTION KIOSK FOR 250/315 KVA & 63/100 KVA RATING DISTRIBUTION TRANSFORMERS AGAINST TN-2441.**

**(TO BE FURNISHED ALONG WITH TENDER)**

1. FOR LT DISTRIBUTION KIOSK 63/100      250/315 KVA

Name or Trademark of Manufacturer: \_\_\_\_\_ :

- a) Rated Voltage
- b) KVA Rating
- c) Thickness of enclosure
- d) Size of Busbar
- e) Size of neutral busbar
- f) Hinges inside specify
- g) Name of relevant IS

2 FOR L.T. M.C.C.Bs Construction

Name or Trademark of Manufacturer:

- a) Type designation
- b) Type of overload release (i.e. Fixed/Variable)
- c) Name of relevant IS
- d) Rating
- e) No. of Poles
- f) Rated Current
- g) Operating Voltage & Frequency
- h) Rated short circuit breaking capacity in KA
- i) Ultimate Breaking capacity
- j) Utilization category
- k) Overload release setting provided in Amps
- l) Colour of MCCB
- m) Name of relevant IS

3 FOR ISOLATOR

- a) Name or trade mark of Manufacturer
- b) Type designation
- c) Rated Current
- d) Rated Voltage
- e) Rated duty
- f) Utilization category
- g) Rated short time withstand current for 1 second
- h) Name of relevant IS
- i) Thickness of enclosure of Isolator.

- j) Size & material of terminals for connecting incoming & outgoing cable.
- k) Size of moving (U) contracts.
- l) Distance of Operating handle from incoming & outgoing cable
- m) Arc Chute feature.

#### 4 LINK DISCONNECTOR

- a) Name or Trade mark of Manufacturer
- b) Rated Current
- c) Rated Voltage
- d) Female contact terminal
  - i) Material
  - ii) Size
- e) Male contact terminal (solid link hinged)
  - i) Material
  - ii) Size
- f) Base
  - i) Material
  - ii) Size
- g) Make of bimetallic lugs

#### 5 CABLES

- a) Name or trade mark of Manufacturer
- b) Type designation
- c) Rated Current
- d) Rated Voltage

THE BILL OF MATERIAL OF LT DISTRIBUTION KIOSK IS ENCLOSED HEREWITH

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

**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.
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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.

**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 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/AVVNL/JdVVNL**, other State Electricity Boards and other Departments /Organisations.

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

**SCHEDULE-VIIIA****TN-2441****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 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 CA Certificate should be furnished on the letter head of CA and 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:-

<b>Sr. No.</b>	<b>Particulars of Material</b>	<b>Commencement period</b>	<b>Rate of supply per month</b>	<b>Period for completion of delivery of entire material</b>
1.	200 Amp. LT DISTRIBUTION KIOSK	After 60 Days from the date of receipt of detailed Purchase Order.	_____ Nos. per month (to be quoted by tenderer)	Completion in six months at equal monthly rate.
2.	400 Amp. LT DISTRIBUTION KIOSK	After 60 Days from the date of receipt of detailed Purchase Order.	_____ Nos. per month (to be quoted by tenderer)	Completion in six months 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

- 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 &amp; 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 (with landline Phone No, Mobile No. & Fax No.)	
2.	Official email ID	
3.	GSTIN	
4.	Whether firm is proprietorship/partnership/ Limited (Please give details and also enclose copy of memorandum of constitution of firm along with name of directors/ partners/proprietor & their address.	
5.	Place where works exist (indicate the name of the only one works from where you want to supply the offered material).	
6.	Details of machinery particularly with B.H.P. of each item installed.	
7.	Details of staff employed in the works	
8.	Date when started the manufacturing of item under reference	
9.	List of items manufactured.	
10.	Literature and drawings of items manufactured showing their description, size, design and other important technical particulars	
11.	Details of order so far, executed alongwith the names of organization to whom supplied.	
12.	Manufacturing capacity.	
13.	Is the workshop open for inspection by the representative of the board, if required?	
14.	Statement of financial resources and Banking Reference along with Balance-Sheet for previous two years	
15.	Testing facilities available for the manufactured articles in the testing laboratory of works.	
16.	Whether the Firm is a small/medium/large scale industry.	
17.	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**

**BID DOCUMENTS FOR PURCHASE OF 200 AMP. & 400 AMP. LT DISTRIBUTION KIOSK FOR 63/100 KVA & 250/315 KVA RATING DISTRIBUTION TRANSFORMERS RESPECTIVELY UNDER SPECIFICATION NO.JPD/SE/MM/SPO-V/TN-2441**

LAST DATE AND TIME FOR BID SUBMISSION	<b>07.12.2017 at 5.00 p.m.</b>
DATE AND TIME OF OPENING OF BID	<b>08.12.2017 at 3.00 p.m</b>
<b>ESTIMATED</b> UNIT FOR DESTINATION PRICE OF ITEM	
<b>i) 200 Amp. L.T.Dist. Kiosks</b>	<b>Rs. 19,500/-</b>
<b>ii) 400 Amp. L.T.Dist. Kiosks</b>	<b>Rs. 33,700/-</b>
BID SECURITY TO BE DEPOSITED	i) General Bidder : Rs. 17.36 Lac ii) Sick Unit : Rs. 8.68 Lac iii) SSI Unit of Rajasthan : Rs. 4.34 Lac *
COST OF THE SPECIFICATION	Rs.2,950.00(non refundable)
TENDER PROCESSING FEE	Rs.1,180.00(non refundable)
VALIDITY	120 DAYS FROM THE NEXT DATE OF OPENING OF TECHNO-COMMERCIAL BID

**\* In case SSI units of Rajasthan quote less than the tendered quantity then they are required to furnish Bid Security @ 0.5% of the estimated value of quantity offered on the basis of estimated unit FOR destination price.**

Further, while depositing the bid security amount in the office of Accounts Officer (MM), JVVNL, Jaipur, the bidders shall also furnish a certificate of SSI unit of Rajasthan/ sick unit and also to submit a letter mentioning the quantity offered by them.

**VERY VERY IMPORTANT**

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:

1. 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.
2. Departments / Discom for similar or higher rating equipment latest executed.
3. Year wise past experience for last 5 years of similar or higher rating of tendered equipment.
4. The details of testing facilities available at the works and copies of latest type test certificates, carried out on similar ITEM.
5. Quality assurance plan.
6. Complete guaranteed technical particulars, out lines and general arrangement drawings along with Bill of Material.
7. Bids without Section-I, II, III & Schedules (I to X) shall be rejected.
8. Bids shall be furnished **through online**.
9. 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.
10. 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)**.
11. Deviation of any kind shall not be quoted in price bid, if found quoted, the same shall be ignored.
12. The following facilities are to be provided by the supplier at his own cost to the inspecting officer of Nigam (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

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## **AMENDMENT IN ITB AND GCC**

- 1) Wherever EMD and Security Bank Guarantee (SBG), are appearing in the ITB, GCC & other Bidding Documents, same is hereby replaced by BID SECURITY as under:-**

### **BID SECURITY**

Bid security shall be 2% **of the estimated value of subject matter of procurement put to bid.** In case of Small Scale Industries of Rajasthan it shall be 0.5% of the **quantity offered** for supply and in case of sick industries, other than Small Scale Industries, whose cases are pending with Board of Industrial and Financial Reconstruction, it shall be 1% of the value of bid. Every bidder, if not exempted, participating in the procurement process shall be required to furnish the bid security as specified in the notice inviting bids.

**In case SSI units of Rajasthan quote less than the tendered quantity then they are required to furnish Bid Security @ 0.5% of the estimated value of quantity offered on the basis of estimated unit FOR destination price.**

Further, while depositing the bid security amount in the office of Accounts Officer (MM), JVVNL, Jaipur, the bidders shall also furnish a certificate of SSI unit of Rajasthan/ sick unit and also to submit a letter mentioning the quantity offered by them.

The Bid Security amount (as applicable) to be paid by Demand Draft/Banker's Cheque in favour of AO(MM), JVVNL, Jaipur (payable at Jaipur) or Bank Guarantee, in specified format (**Appendix-A**), of a scheduled bank in favour of Chief Engineer (MM), JVVNL, Jaipur, be deposited in the office of the Accounts Officer (MM), JVVNL, Old Power House Premises, Bani Park, Jaipur-302006 upto 2.00 p.m. upto one WORKING day prior to schedule date of opening of respective bid.

The Micro, Small & Medium Scale Industries of Rajasthan and sick industries, other than Small Scale Industries, whose cases are pending before the Board of Industrial and Financial Reconstruction (BIFR) shall furnish self-attested documentary evidence duly attested by Notary to claim the above.

- 2) Wherever Performance Bank Guarantee (PBG) and Composite Bank Guarantee (CBG) are appearing in the ITB, GCC & other Bidding Documents, same are hereby replaced by PERFORMANCE SECURITY as under:-**

### **PERFORMANCE SECURITY**

- (i) Performance security shall be solicited from all successful bidders except the department's of the State Government and undertakings, corporations, autonomous bodies, registered societies, co-operative societies which are owned or controlled or

managed by the State Government and undertakings of the Central Government. However, a performance security declaration shall be taken from them. The State Government may relax the provision of performance security in particular procurement or any class of procurement.

- (ii) The amount of performance security shall be **five percent** of the amount of supply order in case of procurement of goods and services and **ten percent** of the amount of work order in case of procurement of works. In case of Small Scale Industries of Rajasthan it shall be **one percent** of the amount of quantity ordered for supply of goods and in case of sick industries, other than Small Scale Industries, whose cases are pending before the Board of Industrial and Financial Reconstruction (BIFR), it shall be **two percent** of the amount of supply order.

Performance security from the successful bidder shall be taken or may adopt option after approval of purchaser to withheld **5%** (in case of established suppliers)/ **1%** (in case of Micro, Small & Medium scale industries of Rajasthan)/ **2%** (in case of sick industries) / **10%** (in case of other suppliers) amount in lieu of performance security from each bill on pro-rata/ proportionate basis. In case of successful bidder, the amount of bid security may be adjusted in arriving at the amount of the performance security, or refunded if the successful bidder furnishes the full amount of performance security.

### **3) VENDOR REGISTRATION**

The **relaxation/exemption given to the registered vendors of the Nigam in respect of EMD/SBG, wherever appearing in the ITB, GCC & other Bidding documents, are hereby WITHDRAWN.**

- 4) The indirect taxes i.e. Excise Duty, Service Tax, VAT/CST, Entry Tax etc. mentioned in G.C.C., may now be read as G.S.T.**

**APPENDIX-A****PERFORMA OF BANK GUARANTEE FOR BID SECURITY**

(Bank Guarantee in lieu of Bid security on non-judicial Stamp Paper of Rajasthan State of 0.25% of the B.G value or Rs. 25,000/- , whichever is less)

To,  
The Chief Engineer (MM ),  
Jaipur Vidyut Vitran Nigam Ltd., Jaipur

1. Whereas .....(name of the Bidder) (hereinafter called "the Bidder") has submitted its bid dated.....(date of submission of bid) for .....(name of contract/ Name of the material with Bid no.)(hereinafter called " the Bid").

2. KNOW ALL PEOPLE by these presents that WE.....(name of bank) of .....(name of country), having our registered office at..... (addresses of bank) (hereinafter called "the Bank"), are bound unto..... (name of Purchaser) (hereinafter called " the Purchaser") in the sum of Rs.\* \_\_\_\_\_ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this .....day of .....20.....

3. THE CONDITIONS of this obligation are:

- (i) If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder in the Bid Form; or
- (ii) If the bidder refuses to accept the correction of error in his Bid; or
- (iii) If the Bidder, having been notified of the acceptance of its Bid by the purchaser during the period of bid validity:
  - (a) Fails or refuses to execute the Contract Agreement within the time specified in purchase/work order, if required, or
  - (b) Fails or refuses to furnish the performance security within the time specified in purchase/work order in accordance with the GCC, or
  - (c) Fails to commence supply of goods or services or execute work as per purchase/work order within time specified.
- (iv) If the bidder breaches any provision of the Code of Integrity specified in the RTPP Act and Chapter VI of the RTPP Rules.

4. We undertake to pay to the purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or all of the three conditions specifying the occurred condition or conditions.

5. The decision of the CHIEF ENGINEER (MM), JAIPUR VIDYUT VITRAN NIGAM LIMITED, JAIPUR shall be final whether breach has been committed on the right to demand the amount of guarantee from us which has accrued to the purchaser.

6. This guarantee shall not cease or determine, if the purchaser grants time or indulgence or vary the terms of the contract with the Contractor or without our consent or knowledge.

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

8. We.....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.

9. All disputes arising under the said guarantee between the Bank and the Nigam or between the Contractor and the Nigam pertaining to the guarantee, shall be subject to the jurisdiction of Courts in Jaipur, Rajasthan alone.

10. This guarantee will remain in force up to and including one hundred eighty (180) days after the date of the opening of bids, i.e. up to ....., with a further grace period of Ninety (90 ) days and any demand in respect thereof should reach the Bank not later than the above date.

Yours faithfully,  
Bankers (EXECUTENT)  
Signed by the above named Bank in presence of :-  
(Signature with full Name and Address)

Witness :

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_

Attested by Notary Public, First Class Magistrate or directly confirmed by the executing bank.

\* The Bidder should insert the amount of the guarantee in words and figures denominated in the currency of bid.

Note1 :- In case the bid is submitted by a Joint Venture, the Bid Bank guarantee shall be in the name of Lead partner or in the name of joint venture partners submitting the Bid covering all the partners of the joint venture.

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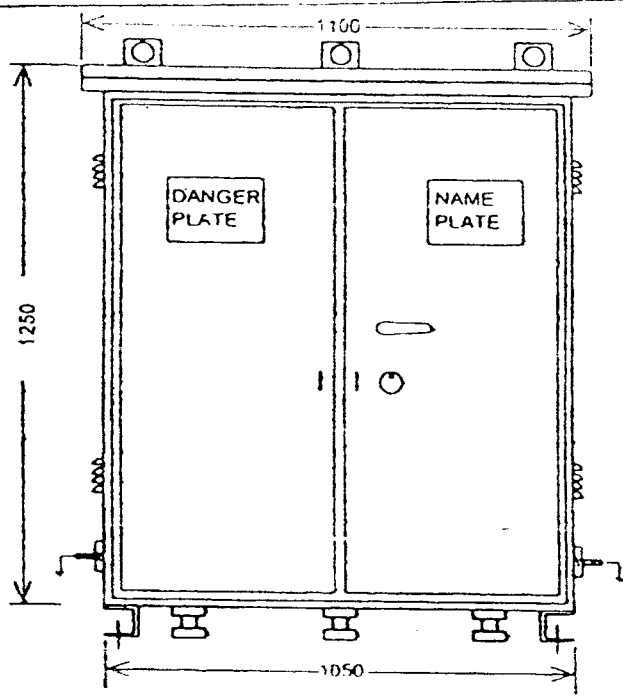
**Appendix-B**

**JAIPUR VIDYUT VITARAN NIGAM LIMITED  
OFFICE OF THE SUPERINTENDING ENGINEER (MM)  
OLD POWER HOUSE PREMISES, BANI PARK, JAIPUR -06**

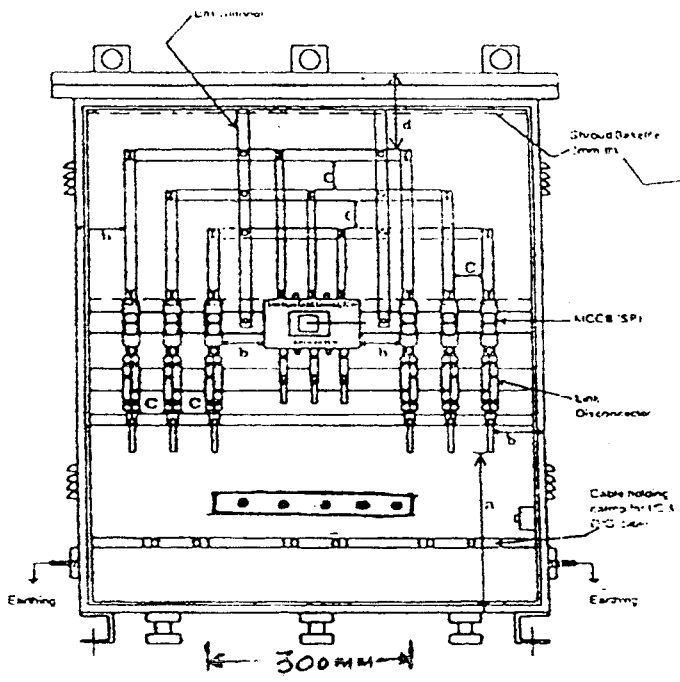
**DETAILS OF BANK FOR RTGS**

**FOR FURNISHING BID SECURITY/BANK GUARANTEE**

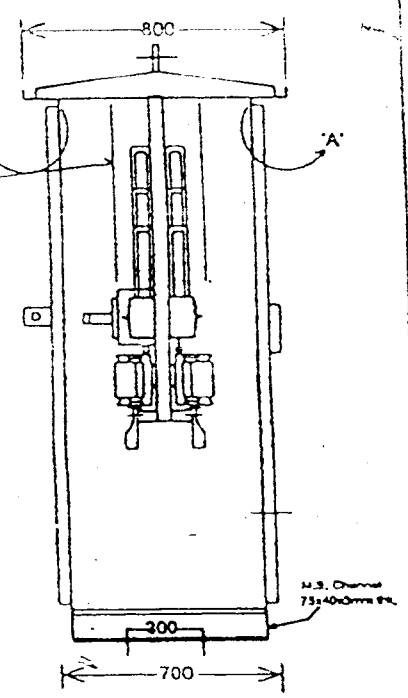
1.	Account No.	<b>51093320896</b>
2.	Account Holder Name	Accounts Officer (MM)
3.	Bank Name & Branch	State Bank of India Collectorate Branch, Jaipur (Rajasthan)
4.	IFS Code	SBIN0031026
5.	Phone No. of Sr.Accounts Officer (MM) JVVNL Jaipur	0141-2202608
6.	Email ID of Sr.Accounts Officer (MM) JVVNL Jaipur	<a href="mailto:sr_aomm@yahoo.com">sr_aomm@yahoo.com</a>
7.	GSTIN of Jaipur Discom	08AABCJ6373K1Z7



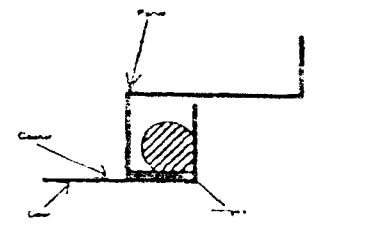
BACK & FRONT VIEW WITH DOOR



BACK & FRONT VIEW WITHOUT DOOR



SIDE VIEW



Details of 'A'  
HINGES ASSEMBLY

1. All dimensions are in mm.

Sheet - 1/2 SE(MM)/SPO-V/TN2334

JAIPUR VIDYUT VITRAN NIGAM LIMITED

TITLE	L.T. DISTRIBUTION KIOSK FOR 250/315KVA TRANSFORMERS.

*[Handwritten signatures and initials]*

*[Handwritten initials]*



TENDER REF. : TN-2011

100 mm

7 mm

L.T. DISTRIBUTION KIOSK	
COUNTRY : INDIA	ISS REF. : 8523
POLE :	
RATED VOLTAGE : 415 V, A.C., 50 HZ	
DISTRIBUTION KIOSK RATING	
TOTAL NO. OF INCOMING CIRCUIT	
TOTAL NO. OF OUTGOING CIRCUIT	
RATED CURRENT INCOMING CKT.	
RATED CURRENT OUTGOING CKT.	
NAME OF PURCHASER	J.V.V.N.L.
ORDER NUMBER	JPD/SE/MM/SPO-V/TN- PO- Dt-
DATE OF DISPATCH	

7 mm

100 mm

Hole Size : Ø 4mm

7 mm

7 mm

### L.T. DISTRIBUTION KIOSK

*(Handwritten signatures and initials)*

PO. NO. : JPD/SE(MM)/SPO-V/TN 2334	
TITLE: DANGER PLATE	DATE
FOR L.T. DISTRIBUTION KIOSK	
DRG. NO.	

200 mm

# खतरा

# 415



# VOLTS

BOLT HOLES 7 MM DIA FOR 6 MM DIA G.I. BOLTS



15

150 mm



15

# DANGER

# जयपुर विद्युत वितरण निगम लिमिटेड

WHERE EVER NOT MENTIONED DIMENSIONS ARE IN mm.

### SPECIFICATION OF THE DANGER BOARD

- 1) MATERIAL : M.S. SHEET
- 2) SIZE : 150 X 200 MM
- 3) FRONT SIDE : BACKGROUND ENAMELED WHITE. LETTERS, FIGURES, CONVENTIONAL SKULL AND BONES IN SIGNAL RED COLOUR.
- 4) BOLT HOLES : 2 NOS. 7 MM DIA FOR 6 MM DIA G.I. BOLTS.

P.O. NO.: JPD/SE(MM)/SPO-IV/TN 2322	
TITLE: DANGER PLATE FOR L.T. DISTRIBUTION KIOSK	DATE
DRG. NO.	NOT TO SCALE

Handwritten signatures and initials:

Handwritten '22' and 'S.P.' (likely S.P. Singh)

Validate

Print

Help

[View BoQ](#)

Tender Inviting Authority: SUPERINTENDING ENGINEER (MM) JVVNL JAIPUR

Name of Work: Supply of 200 Amp. and 400 Amp. L.T.Distribution Kiosks as per technical specification TN-2441.

Contract No: TN-2441

GSTIn No.

Bidder Name :

**PRICE SCHEDULE**

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns. else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Tendered Quantity (Nos.)	Unit	Unit Ex-works price VARIABLE with base date 1.11.2017 (in Rs.)	Amount of Freight, insurance including unloading at Store/Site charges per unit (in Rs.)	Amount of GST applicable per unit including CGST and SGST or (GST as applicable (in Rs.)	TOTAL AMOUNT Without Taxes	All adjusted unit FOR Destination price in Rs.	TOTAL AMOUNT In Words	TEXT #
1	2	3	4	5	6	7	8	9	10	11	
1	Supply of <b>200 Amp.</b> L.T.Distribution Kiosks suitable for 63/100 KVA Distribution Transformers as per technical specification TN-2441.	item1	1000	Nos.				<b>0.00</b>	<b>0.00</b>	INR Zero Only	
2	Supply of <b>400 Amp.</b> L.T.Distribution Kiosks suitable for 250/315 KVA Distribution Transformers as per technical specification TN-2441.	item2	2000	Nos.				<b>0.00</b>	<b>0.00</b>	INR Zero Only	
Quoted Rate in Words											