



**JODHPUR VIDYUT VITARAN NIGAM LIMITED**  
**OFFICE OF THE SUPERINTENDING ENGINEER (MM&C)**  
**NEW POWER HOUSE, INDUSTRIAL AREA, JODHPUR –342 003**  
**Corporate Identity Number (CIN)-U40109RJ2000SGC016483 GST No. 08AAACJ8578R1ZJ**

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**SPECIFICATION NO. JDVVNL/SE (MM&C)/TN-1810**

Tenders are hereby invited in e-tender system for purchase of 11 KV CTPT SETS is to be submitted online in electronic format on website <http://www.eproc.rajasthan.gov.in>. The details are as under:-

S.No.	Name of Item	Quantity (Approx)	Estimated unit f.o.r. destination price in Rs.
1.	11 KV CTPT SETS 75/5 A	50 sets	28517.16
2.	11 KV CTPT SETS 30/5 A	150 sets	31138.00
3.	11 KV CTPT SETS 7.5/5 A	350 sets	38331.88

A.	NIT No.	TN-1810
B.	Last date for receipt of tenders	17.06.2022 up to 12:00 PM
C.	Date & time of tender opening	17.06.2022 at 3:00 PM
D.	Cost of Specification	Rs. 2,950.00 (Two Thousand Nine Hundred & Fifty only) For MSME of Rajasthan: Rs. 1,475 (One Thousand Four Hundred & Seventy Five only)
E.	Processing of RISL	Rs. 1,000.00 per set (One Thousand only)
F.	Bid security	General Bidder: Rs. 3,90,254.32 Sick Unit of Rajasthan: Rs. 1,95,127.16 SSI unit of Rajasthan: Rs. 97,563.58*
G.	Validity	120 days from the next date of opening of techno-commercial bid.
H.	Base Date for price variation	01.05.2022

\*In case SSI unit of Rajasthan quotes the less than the tendered quantity , then they are required to furnish Bid security @ 0.5% of the value of the quantity offered by them, failing which bid shall be considered non-responsive.

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 attestdocumentary evidence duly attested by notary to claim the above.

**IMPORTANT DATES**

S.N.	Events	Date & Time	Location
1.	Last Date of downloading of tender specifications	Up to 16.06.2022 (04:00 PM)	<a href="http://www.jdvnvl.com">www.jdvnvl.com</a> & <a href="http://www.eproc.rajasthan.gov.in">http://www.eproc.rajasthan.gov.in</a>
2.	Deposit of cost of:- (i)Tender Specifications (ii) Processing fee (iii) Bid Security	Up to 16.06.2022 (4:00 PM)	Office of Sr. A.O (Cash & CPC), JdVVNL, Jodhpur Office of SE(MM&C), JdVVNL, Jodhpur Sr.AO(MM&C), JdVVNL, Jodhpur
3.	Last Date & time of submission of electronic bid	Up to 17.06.2022 (12:00 PM)	<a href="http://www.eproc.rajasthan.gov.in">http://www.eproc.rajasthan.gov.in</a>
4.	Opening of Technical Bid	17.06.2022 (03:00 PM)	<a href="http://www.eproc.rajasthan.gov.in">http://www.eproc.rajasthan.gov.in</a>
5.	Opening of Price Bid	To be intimated separately to the qualified bidders	<a href="http://www.eproc.rajasthan.gov.in">http://www.eproc.rajasthan.gov.in</a>

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### **NOTE:**

1. Tender documents will be made available on e-Tendering portal [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in). The bidders, in their own interest are requested to read very carefully the tender document before submitting the bid only through online on website [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in). The bidders can download bid up to 04:00 p.m. one day prior to schedule date of opening of respective bid mentioned above documents and submit their bids online up to 12:00 p.m. on schedule of respective bid mentioned above.
2. Eligible bidders should submit their bid well in advance instead of waiting till last date, JdVVNL will not be responsible for non-submission of bids due to any website related problems.
3. The cost of Tender specification **Rs. 2950/-**(Non-Refundable) (50% for MSME of Rajasthan) to be paid by Demand Draft in Favour of the Sr. Accounts officer(Cash & CPC), JdVVNL, Jodhpur and tender processing fees Rs. **1000/-** shall be payable by demand draft in favour of The Managing Director RISL, Jaipur ( Non- Refundable). The bidders are required to deposit all these payments in the office of the SE(MM&C), JdVVNL, Jodhpur up to 4.00 PM one day prior to date of tendering otherwise their bids are liable to be rejected.
4. The Bid Security amount (as applicable) to be paid by demand draft/banker's cheque in favours of SR.AO(CASH & CPC), JDVVNL, Jodhpur (Payable at jodhpur) **342003 up to 4.00 p.m upto one WORKING day prior to schedule date of opening** of respective bid or Bank guarantee, in specified format, of a scheduled bank in favour of superintending Engineer (MM&C), JDVVNL, Jodhpur be deposited to the Sr. Accounts Officer (MM&C), JdVVNL, New Power House, Industrial Area, Jodhpur-342003 **up to 4.00 p.m. up to one WORKING day prior to schedule date of opening** of respective bid and obtain a receipt/acknowledgement thereof. No other mode of deposit shall be accepted. At the time of depositing the Bid Security amount or Bank Guarantee, the bidder shall also furnish self attested and duly attested by Notary, the documentary evidence of SSI/MSME unit of Rajasthan or of sick unit (as applicable) along with affidavit as per schedule XI on Non-Judicial Stamp of Rs. 100/-.

The Bank Guarantee against Bid Security be issued by Nationalized / Scheduled Bank. The same may be accepted after confirmation by issuing Bank. If any Bid Security Bank Guarantee not is proper format / not confirmed by the issuing Bank the same would not be accepted and the bidder would be immediately shorted out from bid process.

**TECHNICAL SPECIFICATION OF 11 KV CT-PT SETS OF RATIO 75/5 Amp., 30/5 Amp. & 7.5/5 Amp. AGAINST TN-1810**

**3.01 SCOPE:**

This specification covers the design, manufacture, assembly, testing and delivery of three phase four wire 11 KV/ 110 V oil cooled outdoor type combined CTPT units for feeder metering & Indoor type combined CT-PT unit for consumer metering purpose having 1 No. Three phase potential transformer and 3 Nos. single phase paper impregnated oil emersed current transformers for different phases in common tank equipped with weather proof bushing for outdoor use as per technical data incorporated in this specification.

**3.02 APPLICABLE STANDARDS:**

Unless otherwise modified in this specification, 11 KV CTPT sets of ratio 75/5 Amp, 30/5 Amp and 7.5/5 Amp shall comply with the following Indian Standard Specification (latest version):

IS:2705-1992	Specification for current transformers.
IS:3156-1992	Specification for voltage transformers.
IS:5621-1980	Specification for Insulators/Bushing
IS:2099-1986	Specification for insulators/ bushing
IS:3347-1986	Specification for Insulators/bushing
IS:335-1983	Specification for new insulating oil
IS : 5561	Specification for terminal connectors.

Equipments conforming to any other international standard(s) which ensure(s) equal or better quality than the standard(s) mentioned above will also be acceptable and in such case(s) the copy of standards (English version) adopted should be provided.

**3.03 CLIMATIC CONDITIONS:**

The equipment shall be suitable for operation under climatic conditions as mentioned in Clause No. 16 of General Conditions of Contract Section 2 of this specification.

**3.04 11 KV CTPT SETS OF RATIO 75/5 Amp, 30/5 Amp and 7.5/5 Amp :**

A) 11 KV Single Phase Current Transformer (3 Nos. for R Y & B phases).

The 11 KV current Transformer shall be paper impregnate oil immersed type, single phase 50 HZ conforming to IS:2705/1992 with latest amendment in all respect except where ever modified in this specification.

The 11 KV current Transformer shall have the following technical characteristics/parameters.

Sr. No.	Particulars	Parameters
i)	Normal system voltage (KV rms)	11
ii)	Highest system voltage (KV rms)	12
iii)	Frequency	50 Hz
iv)	Impulse withstand voltage	95 KV (Peak)
v)	i) One minute power frequency dry withstand voltage (on assembled CT-PT set) a) primary (KV r.m.s.) b) secondary (KV r.m.s.) ii) One minute frequency wet withstand voltage (KV Peak) (On assembled CT-PT )	28 3 Root 2x28 Rms
vi)	Transformation ratio (CT Ratio) a) For Consumer Metering	75/5 Amp, 30/5 Amp and 7.5/5 Amp

vii)	Rated output (VA burden)	10 VA
viii)	Class of accuracy	0.5S
ix)	Rated continuous thermal current	1.2 times of rated primary current
x)	Short time thermal current rating	18 KA for 1 seconds for CT ratio 75/5 A  6.4 KA for 1 seconds for CT ratio 30/5 A and 7.5/5 A
xi)	Rated dynamic current	2.5 times of short time thermal current rating.
xii)	Number of cores	One
xii)	Instrument security factor	Not exceeding 5
xiii)	Max. ratio error	As per IS:2705/1992
xiv)	Max. phase angle error	As per IS:2705/1992
xv)	Max. temp. rise over max. ambient temp. of 50 deg. C at rated continuous thermal current at rated frequency and with rated burden.	As per IS:2705/1992

B) 11 KV Voltage Transformer:

11 KV voltage Transformer will be used along with CTs of description stated above. This shall be paper impregnate oil immersed type conforming in all respect to the Indian Standards specification IS: 3156/1992 with latest amendment except where modified in this specification.

The 11 KV voltage transformer shall have the following ratings/ technical parameters:

Sr. No.	Particulars	Parameters
i)	Nominal system voltage (KV rms)	11
ii)	Highest system voltage (KV rms)	12
iii)	Nos. of phases	Three
iv)	Impulse withstand voltage (KVP) (on assembled CTPT set)	95
v)	a) One minute power frequency dry withstand voltage (on assembled CT-PT set) i) primary (KV r.m.s.) ii) secondary (KV r.m.s.)  b) One minute frequency wet withstand voltage (KV Peak) (On assembled CT-PT set)	28 3  Root 2x28 rms
vi)	Frequency	50 Hz
vii)	Transformation ratio (PT Ratio)	11 KV/ 110V
viii)	Rated output (VA burden)	30 VA per phase
ix)	Class of accuracy	0.5 (As per IS:3156/1992)
x)	Winding connection	Star/Star with HT neutral earthed.
xi)	Rated voltage factor and time	1.2 continuous and 1.9 for 30 seconds.
xii)	Temp. rise over max. ambient temp.	Within limits of IS:3156/1992
xiii)	Max. Phase angle error	Within limits of IS:3156/1992
xiv)	Ratio error (Max.)	Within limits of IS:3156/1992

**3.05 GENERAL TECHNICAL DESCRIPTION OF 11 KV CT-PT METERING SETS:**

- i) The CT PT Metering set shall comply to the latest standards mentioned in the specification and guaranteed technical particulars.
- ii) High voltage winding of 11 KV instrument transformers shall have paper insulation impregnated with oil under vacuum. The paper used for insulation shall be of high insulation grade. The process of impregnation shall be detailed out in the tender.

- iii) The core material of CT-PT sets shall be of high grade, non-ageing, electrical silicon steel having low hysteresis loss and high permeability to ensure accuracy at both normal and over current/ voltage.
- iv) The instrument transformers shall be contained in a fully weather proof, outdoor type, platform mounting and also suitable for pole mounting type tank with 6 Nos. of 12 KV class weather proof bushing for incoming and outgoing connections.
- v) The thickness of MS sheet used for fabrication of tank shall be minimum 3.15 mm for sides and bottom and 5 mm for top cover.
- vi) The 11 KV CT-PT set should have compact construction and the general arrangement Dimensional drawing, mounting arrangement shall be got approved before commencement of supplies.
- vii) The external surfaces of tanks of CT-PT sets shall be painted with one coat of primer and two coats of synthetic enamel paint of shade No. 631 of IS:5. The internal surfaces of the tank shall be painted with two coats of a suitable heat resistant oil insoluble paint.
- viii) The metering sets shall be supplied with first filling of insulating oil conforming to IS:335 (with latest amendment).
- ix) The bushings used in the CT-PT sets shall conform to IS:2099, IS:5621 and IS:3347 (latest amendments). These shall be suitable for operation in heavily polluted atmosphere with creepage distance of 25 MM/KV.
- x) The minimum clearance between phases and phase to earth as specified in the relevant ISS should be maintained.
- xi) The paper impregnated oil immersed type instrument transformers shall be complete with all fittings and accessories mentioned at Clause No. 3.06 of this specification.
- xii) The 11 KV CT-PT sets shall be hermetically sealed type (should not communicate with atmospheric air) in construction without any oil conservator. The quality and work-man-ship shall be of high standard.
- xiii) For load shedding single phasing is adopted in the 11 KV system. The offered 11 KV CT-PT set shall be suitable for working under such abnormal operation condition.
- xiv) CT-PT sets shall be used for 3 phase 4 wire KWH metering. As such 11 KV CT PT sets shall have 3 Nos. CTs.
- xv) The 11 KV CT PT sets shall have one No. of Three Phase Potential Transformer. The primary winding of single phase PT shall be connected in star formation in the tank with common external neutral.
- xvi) The neutral of primary PT winding shall be floating. The neutral of PT Secondary winding shall be earthed.**
- xvii) The secondary winding neutral of PT and secondary terminals of CTs and PTs shall be brought out in one single secondary terminal box through 3 KV bushings. The terminals shall be marked as per ISS and supporting marking plate with earth terminal shall be provided. The secondary terminal box compartment shall be divided in two portions - One portion containing secondary of all CTs and the other portion shall contain all secondary PT connections with neutral and one body earthed. The whole compartment shall be covered by one bolted cover with sealing arrangement. At least two bolts at diagonally opposite corners of secondary terminal box shall be suitable for sealing arrangement. All other bolted covers and inspection windows covers, where provided shall also have sealing bolts for sealing purpose. Suitably shorting links shall be provided for individual CT shorting and PT secondary neutral.
- xviii) The secondary terminal box shall have cable gland/ flange suitable to receive two Nos. control cable of size 6 core X 4 sq.mm. and 4 core x 2.5 sq. mm at the bottom of the secondary box for metering connections to secondary winding of 11 KV CT-PT circuits respectively.

- xix) The 11 KV CT PT Set shall have 3 Nos. incoming and 3 Nos. outgoing outdoor type bushing. The 11 KV CT-PT Sets shall have 6 Nos. bimetallic terminal connectors suitable for Dog Conductor for ratio 200/5 Amp. These should be type tested from CPRI/ NABL accredited Labs. These test reports should not be older than 7 years for Short Circuit Test. The dimension & drawing shall be furnished along with tender duly signed and sealed by testing authority. Inspecting officer shall verify the original type test reports at the time of inspection for terminal connectors & bushings.
- xx) No oil drain plug at the bottom of the CT-PT Sets be provided.
- xxi) Embossing/ punching with minimum height of 10mm of Sr. No., ratio & TN No. be done on the tank of the CT-PT Sets.
- xxii) Manufacturer's name in short should be embossed/ punched.
- xxiii) CT Ratio should be painted on tank body so that it should be visible clearly.
- xxiv) The under base of CT-PT Sets of 11 KV shall be provided with 2 Nos. 75x40x6mm channels as shown in the figures detailed in Annexure-I to make them suitable for fixing to a plate form or plinth. These channels shall be provided through continuous welding with tank of the CT-PT Sets.
- xxv) For feeder metering CT-PT sets i.e. rating of 200/5 A Amp. HV Metal parts (Primary terminal) shall be of 20 mm dia and made of copper. The primary terminal shall be along the entire length of bushing.
- xxvi) The equipment shall be suitable to withstand for loading conditions when supply for one phase is disconnected from primary side.
- xxvii) Bushing rod of 20 mm dia made of copper shall be used for 11KV CT-PT Sets for feeder metering.
- xxviii) 2 Nos., 5/8" dia, 3" length earthing bolts with 2 nuts, 2 flat & 2 Nos. Spring washers shall be provided with each CT-PT Set.
- xxix) Spring loaded pressure release device shall be provided on each 11 KV CT-PT Set for releasing of accumulated gases.
- xxx) The CT-PT Set (for outdoor installation) top shall be taper / slanting with minimum slant of 10 mm.
- xxxi) The following sealing arrangement for providing seals on each 11 KV CT-PT set shall be made by the manufacturer.
  - i) 4 Nos. holes of 2.5 mm dia on each bushing clamp bolts of 6 nos. HT bushings for providing two polycarbonate seals at diagonally opposite bolts of each bushing clamp in M&P lab after successful testing as required.
  - ii) 4 Nos. holes of 2.5 mm dia on the bolts provided at four corners of top cover for providing two polycarbonate seals at diagonally opposite corner of CT-PT set by the inspecting officer after successful testing and providing polycarbonate seals in M&P lab after successful testing as required.
  - iii) 4 nos. sealing holes on the name plate (R&D plate so that our inspecting officer may provide numbered seal on one side of the plate covering top & bottom holes whereas on the remaining two holes of other side, the one numbered seal will be provided by MT Lab after successful testing.

**3.06 FITTING AND ACCESSORIES:**

The outdoor platform/ pole mounting type metering equipments shall be complete with tank, fittings and accessories as detailed below:

- 1 No. Electrically welded sheet steel tank/ enclosure for accommodating above instrument transformers with suitable bolted cover.
- 6 Nos. Outdoor single terminal porcelain/ Cycloaliphatic bushing of reputed make without arcing horns. 3 Nos. for incoming and 3 Nos. for outgoing.
- 1 No. Secondary terminal box. The terminal box opening door/cover shall have suitable sealing arrangement. The necessary gland/ socket shall be in the scope of supply.
- 1 No. Oil filling hole with cap/plug.
- 1 No. Toughened prismatic oil level indicator with min. oil level marking.
- 2 No. Lifting lugs for lifting the complete CT-PT unit.
- 2 Nos. Earthing terminals.
- 1 Set Under base channels with suitable fixing holes for mounting on plat-form/poles.
- 1 Set Detachable collar assembly.
- 1 No. Rating and diagram plate.
- 6 Nos. Bimetallic Terminal Connectors. [For each 11 KV CT-PT Set of ratio 200/5 Amp.]

**3.07 BUSHING:**

The bushing shall conform to IS:5621-1980 and IS:2099-1986 and its subsequent amendment, if any, the bushing shall be of standard make. The make and catalogue No. of bushing shall be clearly stated in the guaranteed technical particulars. The type tests certificates of bushings not older than seven years shall also be furnished along with tenders. The bushing rods and nuts shall be made of material as per cl.3.05 (xxv).The dimensions of 12 KV class bushings and their related parts shall conform to the relevant Indian Standards as detailed below:

Voltage class	Indian Standard	
12 KV bushing	For porcelain parts IS:3347 (Part-III) Sec.I-1972 or the latest version thereof	For metal parts IS:3347 (Part-III) Sec.II-1967).

The minimum electrical clearance of 255 mm between phases shall be obtained with the bushings mounted and phase to earth clearance should be maintained as specified in relevant IS/ Indian Electricity rules.

On the bushings clamp bolt of CT-PT Sets two holes on two bolts of size 2.5mm (total 12 holes on 12 bolts) at diagonally opposite sides be provided to enable metering wing to seal these bolts after successful testing in Meter Labs.

**3.08 GUARANTEED TECHNICAL PARTICULARS, DRAWINGS AND QUALITY ASSURANCE PLAN:**

Guaranteed Technical Particulars in the proforma enclosed with this specification shall be furnished along with the detailed general arrangement dimensional drawings mounting arrangements, connection diagrams and quality assurance plan etc. with the tender. Particulars which are subject to guarantee shall be clearly marked in GTP appended at Schedule-V.

### **3.09 INSTRUCTION MANUALS:**

The successful tenders shall have to supply required number of operation and maintenance instruction manuals along with the requisite sets of approved drawings of the equipments covered under this specification. One set of above manuals and drawings shall also be sent along with the delivery of 11 KV CT PT unit to the consignee.

### **3.10 STAGE INSPECTION:**

Each equipment shall comply with and shall be subjected to all routine tests prescribed in the relevant Indian Standard Specification besides routine tests, stage inspection at firm's works during manufacture shall also be carried out if desired by purchaser with out any extra charges. Production schedule in advance by 15 days shall have to be given to arrange stage inspection.

### **3.11 INSPECTION, TESTING AND CHECKING:**

**3.11.1** In the event of order, the supplier shall have to get type tests conducted as per requirement of relevant standards/ specification on one sample of lowest ratio out of first offered lot for inspection comprising of minimum 25% of ordered quantity of lowest ratio in presence of JdVVNL inspecting officer without any extra cost. **However the supplier who are already having valid type test of lowest ordered or better (lower ratio) conducted in the last 7 years (Reckoning From Technical Bid Opening Date) for similar CT-PT sets having similar specification shall be exempted from conducting type test from first lot.** The Impulse test shall be carried out on all the three phases and short circuit test on any one phase selected by the witnessing officer. For this supplier shall make arrangement for type testing to be got conducted from any NABL accredited laboratory and arrange transportation of sample selected from first offered lot for inspection to testing lab & from testing lab to supplier's works. The supplier shall offer the type tested CT-PT set after its re-assembling in subsequent lot. The supplies shall only be accepted & payment against supplies shall be released only after receipt of successful type testing for all type tests on sample.

**3.11.2** Routine tests as per relevant standard along with accuracy test of CT as per IS:2705 (Pt-II)-1992 and that of PT IS:3156 (Pt.II)-1992 shall be carried out on each equipment covered by this specification in the presence of purchaser's representative. All test reports shall be submitted and got approved from the purchaser before despatch of the equipment.

**3.11.3** The supplier shall simulate single phase condition in their laboratory for testing one 11 KV CT-PT set of any ratio from each lot offered for inspection under such condition for 24 hours. The errors of PT shall be measured before and after application of single phasing condition for at least 24 hours and results shall be within permissible limits of specified accuracy class. This test shall be done as acceptance test.

**3.11.4** One CT-PT set of each ratio in each offered lot should be subjected to temperature rise test .The test shall be carried out simultaneously application of rated current (1.2 lb) and rated voltage (12 KV) and also ISF test, at firm's works free of cost.

**3.11.5** During routine/ acceptance test, errors for CTs shall be conducted at 1 %, 5%, 20%, 100% and 120% of rated current and in case of PT at 80%, 100% and 120% of rated voltage.

**3.11.6** Algebraic summation of errors of standard CTs/PTs to the errors observed on CTs/PTs under test should be made to get final errors on specified percentage current/ voltage/ burden. If class of accuracy of standard CT-PT is less than 10 times of the accuracy of CT-PT set under test.

**3.11.7** Leak test :- One CT-PT set of each rating in each offered lot should be subjected to 'Leak Test' through Nitrogen gas for a pressure of 10 PSI (Pound sq. inch) for half an hour and pressure shall not drop more than 2 PSI. There should be no leakage observed at any part of CT-PT set.

**3.11.8** One CT-PT set of each rating in each offered lot shall be opened for verifying the diameter and cross sectional area of primary coil conductors including verification of GTP.

The verification of diameter & cross sectional area of primary coil conductor of the CT-PT Set shall be verified for any ratio at stores also. If CT-PT set fails in above verification at stores, entire lot shall be rejected and the supplier shall lift the rejected lot. In case it founds within



specific limits, the supplier at his own cost shall reassemble/replace the physically opened CT-PT set at works/stores.

- 3.11.9** One sample of oil shall be selected for each ratio and shall be tested for a) Break down voltage b) Tan delta at 90 Deg.C.

The oil supplied with CT PT set shall be of EHV grade Transformer oil suitable for insulation and coding of the electric transformers of extra high voltage and shall conform to IS 335 (with latest amendments)

If CT-PT set fails in any of the above tests/verification at works, entire lot shall be rejected.

- 3.11.10 during the inspection at firm's works, inspecting officer / agency shall provide polycarbonate seals on each CT-PT set as under -**

- i) One polycarbonate seal on one side of the plate covering top & bottom holes.
- ii) Two polycarbonate seal at diagonally opposite corner of top cover of CT-PT set.

**3.12 TYPE TEST:**

- 3.12.1 Certified copies of all type tests as per IS-2705-1992, IS:3156-1992 with latest amendments listed below obtained from any accredited CPRI/NABL accredited test laboratory on similar equipments of **lowest offered ratio or better (lower ratio)** included in this specification shall be furnished alongwith tenders-

- i) Short Time Current Test.
- ii) Lightning Impulse voltage withstand Test.
- iii) Temperature Rise Test.
- iv) Wet Power Frequency Voltage Withstand Test.
- v) Determination of Errors according to the requirement of the appropriate Accuracy Class.
- vi) Instrument Security Factor Test.

Participating firms may furnish BG/DD/pay order of Rs. 5 lac (Rs.1.25 lac for Rajasthan based units) in absence of furnishing any type test report alongwith their bid.

- 3.12.2** The bidder shall submit all Type Test reports for lowest ratio of offered CTPT sets along with tender. The type test reports shall not be older than **seven** years from the date of opening of tender.
- 3.12.3** Bidder shall furnish the calculations of short time thermal current of all ratios of offered CT PT sets, on the basis of cross-sectional area of primary conductor of Type tested CT PT set.
- 3.12.4** The purchaser shall have right to get conducted type test during currency of the contract on the sets received in the Stores at purchaser's cost. In case of failure in type tests, following provisions shall be applicable: -

**3.13 Failure in type tests**

In the event of failure/ unsatisfactory results of the CT-PT Set(s) in Impulse/Short Circuit test, the supplier shall have to replace the supplies already made and no further CT-PT Sets shall be accepted. The purchaser, however, at his option, may accept the CT-PT Sets already supplied with the following conditions:-

- i) Guarantee Period of the supplied CT-PT Sets issued to the failed shall be increased by double the normal guarantee period.
- ii) Bank Guarantee shall be extended to cover the additional guarantee period.
- iii) For failure in any of the type tests, i.e. Impulse Withstand test and Short Circuit Test, no further supplies shall be accepted. The type test charges in this case shall be borne by the supplier.
- iv) The CT-PT Sets lying in the stores shall be replaced as per Sub-para (v) below.
- v) The bidder shall, however, be allowed to check the reasons of failure and if need be, to improve/ modify the design. Further supplies, including replacement against supplies already made, shall be accepted only after successful type test(s) are arranged on the fresh CT-PT set selected by the purchaser. All the type tests shall be arranged in case

there is change in design, otherwise, type test shall be repeated only for the tests in which failure has occurred. Charges for such test(s) shall be borne by the supplier. However, in the event of failure of CT-PT Sets, in the repeat type test, the Company (JdVVNL) may take following actions:-

- a) Cancel pending orders of the rating in which failure(s) has occurred, and
- b) Not place any order of CT-PT Sets on the firm for one year.

Further, it shall be ensured that all meters and instruments used during inspection/ testing are calibrated from NABL approved test house and date of calibration should not be older than one year at the date of presenting the same to the inspecting officer.

### **3.14 COMPLETENESS OF EQUIPMENT:**

Any fittings, accessories or apparatus which may not have been specifically mentioned in the specification for 11 KV CT-PT metering sets covered under the scope of this enquiry-, but which are usual or necessary in the equipment of similar type shall be deemed to be included in the contract and shall be supplied by the contractor without extra charges. All plants and equipment shall be complete in all respect whether such details are mentioned in the specification or not.

### **3.15 NAME PLATE AND MARKING:**

- a) The equipment shall have a non detachable type name plate which should be clearly visible and effectively secured against removal having markings as per requirement of IS. In addition, Sr. No., Ratio and date of despatch shall have to be engraved on bushing side of tank with letters of suitable depth & 25 mm height filled with red colour.
- b) The- main and load are to be stencilled on top cover on main and load side respectively.

### **3.16 MAINTENANCE AND GUARANTEE:**

Performance guarantee of the equipment shall be for the period of 36 months from the date of receipt in stores. The month & year of expiry of guarantee period shall be marked on the name plate. Equipment failed within such guarantee period shall have lifted from the respective circle stores and after replacement/ repairment to be deposited at the stores, free of cost within 90 days of intimation. Bidder shall furnish successful routine test reports of the equipment. If purchaser desires inspection prior to despatch an inspecting officer shall be nominated for verification for the test reports. Failed equipment (s) shall only be lifted after receipt of replacement for the same. Transportation for lifting of defective material & delivery of replaced material shall be borne by the supplier.

**If defective CT-PT is not replaced within the specified period as above, the following clause shall be applicable:-**

- i. Firms shall lift the G.P. failed Instrument Transformer(s) within a period of 60 days from the date of intimation by the respective consignee and will replace Instrument Transformers against G.P. failed within 30 days from the date of lifting positively. In case firm fails to deliver replaced Instrument Transformer(s) within 90 days from date of intimation, the cost of the Instrument transformer(s) shall be withheld from firm's financial hold and in case firm fails to deliver replaced Instrument transformer within 90 days from date of intimation, a penalty at the rate of ½% per week subject to maximum 10%, shall be levied for the late delivery of replaced Instrument Transformer(s).
- ii. In case firm fails to lift the G.P. failed Instrument Transformer(s) beyond 3 months (90 days period as mentioned in point no. (i)) from date of intimation by the consignee, ground rent shall be recovered @ 1% per week or part thereof (for actual delay in lifting the material beyond 3 months (90 days) from the date of intimation from the consignee, subject to a maximum of 15%. This amount of 15% will be in addition to (i). After this clause following clause will also come into effect.
- iii. In case firm fails to lift the G.P. failed Instrument Transformer(s) within 6 months from date of first intimation from consignee, then Nigam may proceed for auction of these GP

failed Instrument Transformer at the risk and cost of the supplier after giving 30 days final notice to the firm. The amount recovered through auction may be adjusted in any type of recoveries (if any). The recoveries of this point will be in addition to recoveries mentioned in point no. (i) and (ii).

- iv. If such material / equipments and any part thereof is disposed off through sales, 5% of the sale value liable to be deducted on account of cost incurred in sales proceedings and after deduction, the balance value shall be “Net realized sale value”.

**3.17 PRICE VARIATION**

The prices of 11 KV CT-PT sets are on ‘VARIABLE’ basis as per prevailing New IEEMA formula w.e.f. 1.1.2021 (Appendix-C) with base date 01.05.2022. Rates quoted with ‘FIRM’ prices are likely to be ignored.

**3.18 DELIVERY SCHEDULE**

The bidder is required to quote monthly delivery. The delivery of quoted quantity should be completed in 8 months period including commencement period of 30 days. In case ordered quantity is different than quoted quantity then monthly delivery shall be adjusted proportionately. Tenders in which monthly delivery schedule is not indicated shall be ignored.

**3.19 SCHEDULE OF REQUIREMENT**

The following is the requirement for 11 KV CT PT metering sets of various ratios: -

S. NO.	RATIO	REQUIREMENT
1.	75/5 A	50 sets
2.	30/5 A	150 sets
3.	7.5/5 A	350 sets
	<b>TOTAL</b>	<b>550 sets</b>

Note: The quantities mentioned above are tentative & may be increased or decreased to any extent.

- 3.20 Bidder** shall furnish relevant documents as per qualification requirement annexed at schedule –III-A

**3.21 ADDITIONAL ORDER**

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

- 3.22.** As GST act has been effected from 01.07.2017, therefore, BOQ has been prepared accordingly with applicability of GST. Further, old tax structure wherever appearing in ITB/GCC/Specification may be replaced by GST as per notification. Further, GST registration number of Jodhpur Discom is 08AAACJ8578R1ZJ.

- 3.23.** Every Micro, Small & Medium enterprises of Rajasthan shall be required to submit an affidavit in schedule-XI, along with duly filled bid document.

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**SCHEDULE OF REQUIREMENT**

<b>S.No.</b>	<b>Ratio</b>	<b>Quantity</b>
<b>1.</b>	11 KV CTPT SETS 75/5 A	50 sets
<b>2.</b>	11 KV CTPT SETS 30/5 A	150 sets
<b>3.</b>	11 KV CTPT SETS 7.5/5 A	350 sets
	<b>Total</b>	<b>550 Sets</b>

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

**PURCHASE OF 11 KV CTPT METERING SETS OF VARIOUS RATIOS AGAINST TN-  
1810**

The prices of 11 KV CT-PT sets are on 'VARIABLE' basis as per prevailing New IEEMA formula w.e.f. 1.1.2021 (Appendix-C) with base date 01.05.2022.

**JODHPUR 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 material/equipment/Machinery/T&P shall confirm	Name of IS/other standard specification to which material should confirm	Other particularsto which if any.
-------	--	--	-----------------------------------

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 material/equipment/Machinery/T&P shall confirm	Name of IS/other standard specification to which material should confirm	Other particularsto which if any.
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**(Signature)  
Name & Designation  
with seal of the bidder.**

**QUALIFICATION REQUIREMENT****ITEM-PURCHASE OF 11 KV CT PT SETS OF RATIO 75/5 Amp., 30/5 Amp. & 7.5/5 Amp. AGAINST TN-1810**

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.
- b) The bidders should be qualified, not be insolvent, not be in receivership, not be bankrupt or being wound up, should not have affairs administered by a court or a judicial officers, should not have business activities suspended, should not be blacklisted or debarred by any utility/ government agency, should not have a conflict of interest. For this bidder is required to furnish a Declaration as per **Appendix-B**, on Rajasthan Non-judicial Stamp Paper of Rs. 100/ (excluding surcharge on Stamp Paper, as per rules).
- c) 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.

**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:-**

**2.01.01** The bidder is required to quote for minimum 10% of tendered quantity, failing which the offer may be considered Non-Responsive

**2.01.02** The bidder should have designed, manufactured / fabricated, tested and supplied to utility / Discoms / Govt. Departments at least 2XQQ (QQ being the quoted quantity) of 11 KV CT-PT Sets of various ratios in last three 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 shall be reduced to 25% for Rajasthan based units.

**2.01.03** 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 following manner:-

1. The CA certificate should be furnished by the firm duly notarized by the notary public along with the signature of CA.
2. The CA certificate should be furnished on the letter head of CA and information should be in prescribed format of QR.
3. The CA certificate should have the membership no. with name & address of the CA.
4. The CA certificate clearly indicate the quantity supplied, type of material supplied, voltage, current and accuracy class etc. of the material year wise.
5. The CA certificate should be signed by concerning firm/supplier along with seal.

Any deviation to format or information diverted format, will not be considered and rejected.

Note:- The material supplied and accepted for same or better rating for Turnkey projects to a licensed power utility/Govt. shall be considered for the purpose of evaluation 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 / a Govt. recognized / NABL Accredited laboratory / ILAC i.e. International Laboratory Accreditation Cooperation (in case of foreign laboratory) **of lowest ratio or better (lower ratio)** and design of offered material / equipment. Such type test certificates should not be older than 7 years as on the date of bid opening. For this purpose date of conducting type test will be considered. **The type test reports which could not be revalidated due to COVID pandemic, since 23.03.2020 may be considered valid up to 30.09.2022 in accordance to guidelines issued by Central Electricity Authority vide letter no.CEA-PS-80/1/2019-PSETD Division-Part(2)/564-640 and CEA-PS-14-80/1/2019-PSETD Division-Part(2) /517-96**

The type test certificate by in house laboratory of bidding firm even if it is a Govt. approved / Govt. recognized / NABL accredited laboratory / 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.

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).

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

3.02 A new Rajasthan based units who does not possess valid type test reports be considered responsive subject to furnishing of Bank Guarantee in lieu of type test reports and technically competent.

The Rajasthan & outside Rajasthan firm who does not possess valid type test reports may be considered responsive, if type test reports of higher ratings are furnished along with the Bank Guarantees as per existing provisions. The B.G. or D.D. / Pay Order shall be amounting to Rs.5 Lac. The initial validity of Bank Guarantee shall be 9 months with claim period of three months in addition.

3.03 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.

## 4.0 Documents:-

4.01) The bidder shall clearly indicate the deviations such as Technical Deviations & Commercial Deviations in the prescribed proforma only. The deviations indicated elsewhere in the bid shall not be accepted.

4.02) The bidder must clearly fill up each and every particular of Guaranteed Technical Particulars annexed with Technical Specification otherwise he will be responsible for Technical Non-Responsiveness.

4.03) The bidder should possess adequate testing facilities for carrying out routine & acceptance test of items as per relevant standard at their works. The bidder shall furnish documentary evidence in support for conducting routine & acceptance test.

## 5.0 POOR RECORD OF PERFORMANCE AND DELIVERY :



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.

#### **6.0 (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. On severment of business, the EMD/SD/vendor registration security will be forfeited.

4. 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.

**(D)** A Bidder debarred under section 46 of the RPPP Act 2012 shall not be eligible to participate in any procurement process undertaken by-

- (a) any Procuring Entity, if debarred by the State Government; and
- (b) a Procuring Entity if debarred by such procuring Entity

**7.0 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.

**8.0** "The bidders should be qualified, not be insolvent, not be in receivership, not be bankrupt or being wound up, should not have affairs administered by a court or a judicial officers, should not have business activities suspended, should not be blacklisted or debarred by any utility/ government agency, should not have a conflict of interest.

For this bidder is required to furnish a Declaration as per **Appendix-B**, on Rajasthan Non-judicial Stamp Paper of Rs. 100/ (excluding surcharge on Stamp Paper, as per rules)."

**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.**

**BANK GUARANTEE IN LIEU OF FURNISHING OF TYPE TEST CERTIFICATE**

(On Rajasthan Non-Judicial Stamp Paper worth 0.25% of BG value or maximum upto Rs. 25,000/-)

To,

The Superintending Engineer (MM&C),  
Jodhpur Vidyut Vitran Nigam Limited,  
Jodhpur.

Dear Sir,

Whereas Jodhpur Vidyut Vitran Nigam Limited, Jodhpur (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 Superintending Engineer(MM&C), Jodhpur Vidyut Vitran Nigam Limited, Jodhpur.

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 Superintending Engineer (MM&C), Jodhpur Vidyut Vitran Nigam Limited, Jodhpur 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 Jodhpur in Rajasthan.

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

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 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&C),  
Jodhpur Vidyut Vitran Nigam Limited,  
Jodhpur.**

Dear Sir,

With reference to your invitation to tender against specification No. JDVVNL/SE (MM&C)/TN-1810 we agree to supply the following quantity:-

S. No	Particulars of item	Tendered Quantity (set)	Qty. Offered	Justification of quantity offered as per Qualifying Requirement.	Status of Type Test Certificates.
1	2	3	4	5	6
1	<b>11KV CT-PT Sets of ratio:</b> i) 75/5 Amp ii) 30/5 Amp iii) 7.5/5 Amp	<b>50</b> <b>150</b> <b>350</b>			

- The offer is valid for a period of 120 days from the date of opening of this tender.
- 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. JdVVNL /SE/ MM&C/ TN-1810 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. JdVVNL /SE/ MM&C/ TN-1810 and there are no deviations other than as specified in the **Schedule VI (A&B)**.

Yours faithfully,

**Signature of tenderer  
with stamp  
Dated**

**JODHPUR 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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<b>S.No.</b>	<b>Particulars of technical &amp; other performance data guaranteed.</b>
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Certified that we agree to all the aforesaid technical particulars and other performance data except following:-

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

## SCHEDULE VA

**GUARANTEED AND OTHER TECHNICAL PARTICULARS FOR  
11KV CT-PT SETS OF RATIO 75/5 A, 30/5 A & 7.5/5 A (TN-1810)**

**(I) FOR 11 KV SINGLE PHASE CURRENT TRANSFORMERS**

PARTICULARS				
NAME & ADDRESS OF MANUFACTURER.				
MANUFACTURER'S TYPE & DESIGNATION.				
NOMINAL SYSTEM VOLTAGE (KV rms)				
HIGHEST SYSTEM VOLTAGE (KV rms)				
INSULATION LEVEL :				
a) IMPULSE WITHSTAND VOLTAGE(KV PEAK)				
b) ONE MINUTE POWER FREQUENCY DRY WITHSTAND VOLTAGE (KV r.m.s)				
(i) PRIMARY(KV rms)				
(ii) SECONDARY (KV rms)				
c) ONE MINUTE POWER FREQUENCY WET WITHSTAND VOLTAGE (KV Peak)				
RATED FREQUENCY (Hz)				
TRANSFORMATION RATIO.				
RATED OUTPUT (VA BUDEN)				
CLASS OF ACCURACY.				
SHORT TIME THERMAL CURRENT FOR THREE SECON.(KA rms)				
RATED DYNAMIC CURRENT (KA PEAK)				
RATED CONT. THERMAL CURRENT (KA rms)				
MAX. INSTRUMENT SECURITY FACTOR.				
DETAIL OF WINDINGS.				
PARTICULARS	CT RATIO	No. of Turns	Cross sectional Area of each Turn in Sq.mm (Aprox.)	Total weight of winding in Kg. per Unit
i) PRIMARY	75/5 A 30/5 A 7.5/5 A			
ii) SECONDARY	75/5 A 30/5 A 7.5/5 A			
GURANTEED RATIO ERROR (MAX.)				
GURANTEED PHASE ANGLE ERROR (MAX.)				
MAX. TEMP. RISE OF THE WINDING OVER AN AMBIENT TEMP. OF 50 DEG. C AT RATED CONTINUOUS THERMAL CURRENT,AT RATED FREQUENCY & WITH RATED BURDEN.				

Specification TN-1810

i) INSULATION CLASS	
ii) INSULATION MATERIAL USED.	
CORE DETAILS:	
i) MATERIAL	
ii) WEIGHT OF CORE	
TYPE OF INSULATING OIL WHETHER AS PER IS-335 AND LATEST AMENDMENT.	
WHETHER SHORT CIRCULATING ARRANGMENT FOR CTs.	
BUSHING DETAIL	
a) MAKE	
b) CATALOGUE NO.	
c) TOTAL CREEPAGE DISTANCE (mm)	
d) IS TO WHICH BUSHING CONFORMS.	
e) ARCING DISTANCE (mm)	
f) MAX. CREEPAGE FACTOR.	
g) Type : Porcelain / Cycloaliphatic	
WHETHER CURRENT TRANSFORMER USED ARE OF RESIN CAST OIL IMMERSED TYPE OR OTHERWISE.	
IS TO WHICH CT CONFORMS.	
MAKE OF TERMINAL CONNECTOR	

**(II) FOR SINGLE PHASE POTENTIAL TRANSFORMERS**

NAME & ADDRESS OF MANUFACTURER.	
MANUFACTURER'S TYPE & DESIGNATION.	
NOMINAL SYSTEM VOLTAGE (KV rms)	
HIGHEST SYSTEM VOLTAGE (KV rms)	
INSULATION LEVEL :	
a) IMPULSE WITHSTAND VOLTAGE(KV PEAK)	
b) ONE MINUTE POWER FREQUENCY WITHSTAND VOLTAGE (KV PEAK)	
RATED FREQUENCY (Hz)	
RATED TRANSFORMATION RATIO.	
RATED OUTPUT (VA BUDEN PER PHASE)	
CLASS OF ACCURACY.	
RATED VOLTAGE FACTOR AND TIME.	
WINDING CONNECTIONS	
a) PRIMARY	
b) SECONDARY	
DETAIL OF WINDINGS.	
PARTICULARS PT RATIO	NO.OF TURNS (approx.)
	CROSS SECTIONAL AREA OF EACH TURN IN SQ.MM.
	TOTAL WEIGHT OF WDG. In Kg.
i) PRIMARY WINDING (COPPER) 11 KV	

ii) SECONDARY WINDING (COPPER) 110 V	
GURANTEED RATIO ERROR (MAX.)	
GURANTEED PHASE ANGLE ERROR (MAX.)	
GURANTEED MAX. TEMP. RISE OF THE WINDING OVER AN AMBIENT TEMP. OF 50 DEG. C AT RATED CONTINOUS THERMAL CURRENT,AT RATED FREQUENCY & WITH RATED BURDEN.	
BUSHING DETAIL	
a) MAKE	
b) CATALOGUE NO.	
c) TOTAL CREEPAGE DISTANCE (mm)	
d) IS TO WHICH BUSHING CONFORMS.	
e) ARCING DISTANCE (mm)	
f) MAX. CREEPAGE FACTOR.	
g) Type : Porcelain / Cycloaliphatic	
i) INSULATION CLASS	
ii) INSULATION MATERIAL USED.	
CORE DETAILS:	
i) MATERIAL	
ii) WEIGHT OF CORE	
WHETHER ANY FUSE HAVE BEEN PROVIDED IN SECONDARY SIDE OF PT ?	
WHETHER NEUTRAL OF PT FOR HT SIDE IS ISOLATED/FLOATED ?	

### III OTHER PARTICULARS FOR 11 KV COMPLETELY ASSEMBLED CT-PT SETS.

<b>PARTICULARS</b>	
OVERALL DIMENSIONS OF CT-PT SET.	
MOUNTING DETAILS.	
i) TOTAL MASS OF COMPLETELY ASSEMBLED CT-PT SET WITH OIL.	
ii) MASS OF IST FILLING INSULATION OIL.	
iii) VOLUME OF OIL (LITRES)	
i) MATERIAL OF TANK/ENCLASURE SHEET.	
ii) THICKNESS OF THE TANK SHEET.(mm)	
a) BOTTOM.	
b) TOP COVER	
c) SIDES	
MAKE/MANUFACTURER'S NAME FOR INSU- LATING OIL TO BE USED IN CT-PT SETS.	
WHETHER ALL THE FITTINGS AND ACCESSORIES AS PER CLAUSE 3.06 OF SPECIFICATION PROVIDED ?	
WHETHER CT-PT SETS ARE SUITABLE FOR SATISFACTORY OPERATION OUNDER ABNORMAL SYSTEM CONDITION VIZ., SINGLE PHASING SUPPLY ARRANGEMENT BY LOOPING SUPPLY PHASE WITH OTHER LINE PHASE	



Specification TN-1810

?	
MIN. ELECTRICAL CLEARANCE BETWEEN PHASES. WITH BUSHINGS MOUNTED (MM)	
MIN. ELECTRICAL CLEARANCE BETWEEN PHASES. TO EARTH WITH BUSHING MOUNTED (MM) ?	
WHETHER OIL CONSERVATOR PROVIDED ON CT-PT SET ?	
ARRANGEMENT PROVIDED TO TAKE CARE OF EXPANSION AND CONTRACTION IN OIL.	
WHETHER PRESSURE RELIEF DEVICE PROVIDED ?	
TEST RESULTS OF OIL AS PER IS : 335	
BREAK DOWN VOLTAGE	
TAN DELTA AT 90 DEG. C	
COLOUR OF OIL (SHALL BE COLOURLESS)	

JODHPUR 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.
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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.**

**JODHPUR 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.**

## JODHPUR 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 items supplied	Qty in sets	Order No. & Date	Name & details of purchasing authority	Date of Completion	of
1	2	3	4	5	6	

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

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

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

**TO WHOMSOEVER IT MAY CONCERN**

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

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

S. No	Financial year in which material supplied	Detailed particulars of item(s) supplied	Name & particulars of purchasing authority	Order No. & Date against which item(s) supplied	Unit	Ordered		Actual Supplied Up to		Remarks
						Qty	Value (Rs.)	Qty	Value (Rs.)	

Signature

Signature &amp; seal of C.A.

Name & Designation  
With Seal of the Bidder  
Date \_\_\_\_\_  
Place \_\_\_\_\_

Name:  
Address

Membership No.

UDIN 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 on the letter head of C.A. 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.**

**UNDERTAKING FOR CA CERTIFICATE (TO BE FURNISHED ON NON-JUDICIAL  
STAMP WORTH Rs.100/- & DULY NOTARIZED)**

I/WE UNDERTAKE THAT THE CA CERTIFICATE SUBMITTED AS PER THE REQUIREMENT OF PRE-QUALIFICATION REQUIREMENTS, FOR ADJUDGING THE PAST SUPPLIES ,UNDER THE SUBJECT TENDER, TN-\_\_\_\_\_ , IS CORRECT AND I, UNDERSIGNED WILL BE SOLELY RESPONSIBLE FOR ANY DEVAITION/ DISCREPANCY/ IN-CORRECT INFORMATION , IF EVER NOTICED IN THE CA CERTIFICATE.

FURHER, IN CASE, IF ANY DEVAITION/DISCREPANCY/IN-CORRECT INFORMATION IS NOTICED IN THE CA CERTIFICATE FURNISHED WITH THE BID, AT ANY STAGE DURING PROCESSING/ CURRENCY OF TENDER, DISCOM CAN TAKE THE ACTION AGAINST THE FIRM

M/s\_\_\_\_\_

\_\_\_\_\_AS PER THE RULES & REGULATIONS.

**(SIGNATURE)**  
NAME & DESIGNATION  
WITH SEAL OF THE BIDDER

## JODHPUR VIDYUT VITRAN NIGAM LIMITED

## DELIVERY SCHEDULE

TN-1810PART-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.	11 KV CT-PT SETS OF RATIO 75/5 A, 30/5 A & 7.5/5 A	After 30 Days from the date of receipt of detailed Purchase Order.	----- Nos. Per month (to be quoted by tenderer)	In 8 months period including commencement period of 30 days

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.

**JODHPUR 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 (With landline, fax and mobile no.)	
2.	Official email ID	
3.	GSTIN No.	
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.



**GENERAL PARTICULARS ABOUT THE TENDER IN BRIEF**

**JODHPUR VIDYUT VITARAN NIGAM LIMITED  
OFFICE OF THE SUPERINTENDING ENGINEER (MM&C)  
NEW POWER HOUSE, INDUSTRIAL AREA, JODHPUR –342 003**

TELEPHONE: 0291-2651376

FAX: 0291-2746539

**BID DOCUMENTS FOR PURCHASE OF 11 KV CT PT SETS OF VARIOUS RATIOS UNDER SPECIFICATION NO. JDVVNL/SE (MM&C)/TN-1810**

A	NIT No.	TN-1810
B	Last date for receipt of tenders	17.06.2022 up to 12:00 PM
C	Date & time of tender opening	17.06.2022 at 3:00 PM
D	Cost of Specification	Rs. 2,950.00 (Two Thousand Nine Hundred & Fifty only) For MSME of Rajasthan: Rs. 1,475 (One Thousand Four Hundred & Seventy Five only)
E	Processing of RISL	Rs. 1,000.00 per set (One Thousand only)
F	Bid security	General Bidder: Rs. 3,90,254.32 Sick Unit of Rajasthan: Rs. 1,95,127.16 SSI unit of Rajasthan: Rs. 97,563.58*
G	Validity	120 days from the next date of opening of techno-commercial bid.
H	Base Date for price variation	01.05.2022

**\*In case SSI unit of Rajasthan quotes the less than the tendered quantity , then they are required to furnish Bid security @ 0.5% of the value of the quantity offered by them, failing which bid shall be considered non-responsive.**

**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 attestdocumentary evidence duly attested by notary to claim the above.**

**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 XI) shall be rejected.
8. Bids shall be furnished through online.
9. JdVVNL 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. JdVVNL 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 (JdVVNL):-
  - 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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**(TO BE FURNISHED ON NON-JUDICIAL STAMP WORTH Rs.100/- & DULY NOTARIZED)**

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**FORMAT OF AFFIDAVIT**

I \_\_\_\_\_ S/o \_\_\_\_\_ Aged \_\_\_\_\_ Yrs. \_\_\_\_\_  
Residing at \_\_\_\_\_ Proprietor/Partner/Director of  
M/s \_\_\_\_\_ do hereby solemnly affirm and declare that:

(a) My/Our above noted enterprise M/s \_\_\_\_\_ has been issued acknowledgement of Entrepreneurial Memorandum Part II by the District Industries Centre \_\_\_\_\_. The acknowledgement No. is \_\_\_\_\_ dated \_\_\_\_\_ and has been issued manufacture of following items:

Name of Items	Production Capacity (Yearly)
(i)	
(ii)	
(iii)	
(iv)	
(v)	

(b) My/Our above noted acknowledgement of Entrepreneurial Memorandum Part-II has not been cancelled or withdrawn by the Industries Department and that the enterprise is regularly manufacturing the above items.

(c) My/Our enterprise is having all the requisite plant and machinery and is fully equipped to manufacture the above noted items.

(d) The present status of the firm is as per acknowledgment of Entrepreneurial Memorandum Part-II issued on the date of District Industries Center, \_\_\_\_\_.

Place \_\_\_\_\_

Signature of  
Proprietor/Director Authorized Signatory  
With Rubber Stamp and date

**VERIFICATION**

I, \_\_\_\_\_ S/o \_\_\_\_\_ Aged \_\_\_\_\_ Years residing at \_\_\_\_\_  
\_\_\_\_\_ Proprietor/ Partner/ Director of M/s \_\_\_\_\_  
\_\_\_\_\_ verify and confirm that the contents at (a), (b), (c) & (d) above are true and correct to the best of my knowledge and nothing has been concealed therein. So, help me God.

**DEPONENT**

**GENERAL**  
**Amendments in GCC & ITB**

- 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 unit of Rajasthan quotes the less than the tendered quantity, then they are required to furnish Bid Security @ 0.5% of the value of the quantity offered by them, failing which bid shall be considered non-responsive.**

The Bid Security amount (as applicable) to be paid by Demand Draft/Banker's Cheque in favour of SR. AO (CASH & CPC), JDVVNL, Jodhpur (payable at Jodhpur) 342003 **upto 4.00 p.m. upto one WORKING day prior to schedule date of opening** of respective bid or Bank Guarantee, in specified format, of a scheduled bank in favour of Superintending Engineer (MM&C), JDVVNL, Jodhpur, be deposited to the Sr.Accounts Officer (MM&C), JDVVNL, New Power House, Industrial Area, Jodhpur-342003 **upto 4.00 p.m. upto one WORKING day prior to schedule date of opening** of respective bid and obtain a receipt/acknowledgement thereof. No other mode of deposit shall be accepted. At the time of depositing the Bid Security amount or Bank Guarantee, the bidder shall also furnish self attested and duly attested by Notary, the documentary evidence of SSI unit of Rajasthan or of sick unit (as applicable) along with affidavit as per schedule XI on Non-Judicial Stamp of Rs. 100/-.

The Bank Guarantee against Bid Security be issued by Nationalized / Scheduled Bank. The same may be accepted after confirmation by issuing Bank. If any Bid Security Bank Guarantee not in proper format / not confirmed by the issuing Bank the same would not be accepted and the bidder would be immediately shorted out from bid process.

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 **2.5%** of the amount of supply order in case of procurement of goods and services and **3%** of the amount of work order in case of procurement of works. In case of **Micro, small and Medium scale Industries** of Rajasthan it shall be **0.5%** 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 **1%** of the amount of supply order.

- 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.

5) **Due Date of payment:**

Payment shall be due and payable by the purchaser in accordance with the provision of the contract within a reasonable period from the date of receipt of each invoice by the contractor / supplier duly supported by a certificate of the Engineer. The purchaser will take all possible effort to make payment to the contractor / supplier generally on 45<sup>th</sup> day after receipt of duly verified challans / receipts / bill in the office of paying authority {Sr. Accounts Officer (Cash & CPC) Jodhpur Discom, Jodhpur / Concerned Circle Accounts Officer} and completion of contractual formalities. But in case of delay in payment the purchaser shall not be liable to pay any interest on the outstanding amount to the contractor / supplier.

6) The GST will be charge extra at the prevailing rate on all the settlement fees as applicable and amended time to time.

7) **APPEAL:**

i. If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the procuring entity is in contravention to the provisions of this Act or the rules or guidelines issued there under, he may file 1st & 2nd appeal under section 38 of RTPP Act-2012 to the following appeal authorities **within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:**

Sr.No	Type of Appeal	Name & Designation of appellate authority
1	First appeal	Chairman, Discoms
2	Second appeal	Energy Department, Government of Rajasthan

ii) The form of appeal shall be as per Rule 83 of RTPP Rules, 2013 and memorandum of appeal shall be filled as per form-1 as prescribed under RTPP Rules, 2013.

Fee for appeal: - Subject to rule 84 of the RTTP Rule 2013 the fee shall be as under:-

a. For First Appeal:- Rs. 2,500/- (Rupees Two Thousand Five Hundred Only)+GST.

b. For Second Appeal:- Rs. 10,000/- (Rupees Ten Thousand Only)+GST.

iii) It is further intimated that the fee shall be paid in the form of Demand Draft of Bankers Cheque of a Scheduled Bank payable in the name of Sr. Accounts Officer (Cash & CPC), JdVVNL, Jodhpur.

iv) Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings:

v) Provided further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

vi) The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavour to dispose it of within thirty days from the date of the appeal.

vii) If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the Bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

8) The bidders should be qualified, not be insolvent, not be in receivership, not be bankrupt or being wound up, should not have affairs administered by a court or a judicial officers, should not have business activities suspended, should not be blacklisted or debarred by any utility/ government agency, should not have a conflict of interest. For this bidder is required to furnish a Declaration as per Appendix-B, on Rajasthan Non-Judicial Stamp Paper of Rs. 100/ (excluding surcharge on Stamp Paper, as per rules).”

9) **In case the terms & conditions mentioned in PO, ITB & GCC are modified/differ from RTPP Act, then RTPP Act shall supersede**

**ADDENDUM IN ITB**

**Addendum in the provision of Instruction to Bidder (ITB) in the clause No. 1.12.2 for quantity allocation as per award criteria of purchase manual in accordance to the clause no. 74 of RTPP rules:**

**1.12.2 (A) for quantity allocation**

**(i) Trial order under Para No. 22.17 (a) & (b) of purchase manual**

(a) 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 supply made to the licensed power utility outside India, the C.A. certificate furnished by the firm shall be considered.

Note:- The material supplied and accepted for same/higher rating for turnkey project (s) 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.

(b) (i) The trial order for a particular item shall not generally exceed 10% of the total quantity considered for placement of order. This ceiling may, however, be relaxed by the corporate level purchase committee up to the extent of 30% to take the advantage of lower price where situation of differential price offering is arising.

(ii) The capacity & capability assessment of a bidder located outside state of Rajasthan who otherwise qualifies but is participating for the first time shall not be carried out.

Similarly, for the tendered item(s) where the valid BIS license is an essential qualification requirement and the bidder possesses the valid BIS but new to the utility. The capacity/capability assessment of such a bidder shall also not be carried out.

**(ii) Award criteria under Para No. 10.2 (iii) of purchase manual**

(a) In case of distribution transformers of rating 40 KVA and below, LT cables & conductors and fabricated steel items, order quantity may be distributed in the following manner:-

**20% to L1**

**15% to L2**

**10% to L3**

**05% to L4**

50% to be distributed equally among other firms subject to the condition that not more than 5% of the quantity to be purchased will be allotted to any one of such firms. The balance, if any will be distributed in the same proportion as indicated above among the first four firms.

(b) In case of other items except poles, order quantity may be distributed in the following manner:-

**40% to L1**

**20% to L2**

**10% to L3**

**06% to L4**

The balance quantity may be equally distributed among other firms subject to the condition that not more than 4% of the quantity to be purchased will be allotted to any one of such firm. The balance, if any will be distributed in the same proportion as indicated above among the first four firms.

(c) In case of poles, the order may be awarded on the basis of landed cost (material and transportation taken together). The allocation of quantity location/destination wise may be made among the eligible firms in equal proportion as far as possible

Bank Guarantee No. \_\_\_\_\_  
 Security Amount : \_\_\_\_\_  
 Issued on dated : \_\_\_\_\_  
 Valid upto : \_\_\_\_\_  
 Claim upto / Grace period: \_\_\_\_\_

**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 Superintending Engineer (MM&C),  
 Jodhpur VidyutVitaran Nigam Limited,  
 Jodhpur.

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. / TN No. \_\_\_\_\_) (hereinafter called "the Bid").
2. KNOW ALL PEOPLE by these presents that WE \_\_\_\_\_ (name and address of branch 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 unconditionally and irrevocably to guarantee as primary obligator and not as surety merely to pay to the purchaser a sum of Rs. \_\_\_\_\_ (in words Rs. \_\_\_\_\_) 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 above three conditions specifying the occurred condition or conditions.
5. The decision of the Superintending Engineer (MM&C), Jodhpur VidyutVitaran Nigam Limited, Jodhpur 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 \_\_\_\_\_(Bank Name) further undertake not to revoke this guarantee during its currency except with the previous consent of the Superintending Engineer (MM&C), Jodhpur VidyutVitaran Nigam Limited, Jodhpur.
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 the Courts in Jodhpur, 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. upto \_\_\_\_\_, 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 (EXECUTANT)  
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.

**Note :** 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.



**Declaration by the Bidder**

**(On Rajasthan Non-Judicial Stamp Paper worth Rs.100/- + Surcharge on Stamp Paper as per rules)**

In relation to my/ our bid submitted to SE (MM&C) JdVVNL, Jodhpur, For procurement of \_\_\_\_\_ in response to their notice inviting bids under TN-\_\_\_\_\_/ We hereby declare under section 7 and 11 of Rajasthan Transparency in Public Procurement Act, 2012, that :

1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the bidding document issued by the procuring entity.
2. I/We have fulfilled my/ our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the bidding document.
3. I/We are not insolvent, in receivership, bankrupt or being wound up, not have my/ our affairs administered by a court or a judicial officer, not have my/ our business activities suspended not blacklisted by any utility/ Govt. agency, not have a conflict of interest and not the subject of legal proceeding for any of the foregoing reasons.
4. I/We further undertake that I/We have not been debarred under the provisions of Section 46 of RTPP ACT, and Rules as mentioned hereunder by any procurement entity/ Govt. agency:-
  - a) We are not convicted of an offence under the prevention of corruption Act, 1988 (Central Act No, 49 of 1988); or
  - b) We are not convicted of an offence under the Indian Penal Code, 1860 (Central Act No,45 of 1860) or any other law for the time being in force, for causing any loss of life or property or causing a threat to public health as part of execution of a public procurement contract; or
  - c) We have not breached the code of integrity prescribed in terms of Code of integrity.
5. I/We do not have, and our directors and officers not have, been convicted of any criminal offence related to my/ our professional conduct or the making of false statements or misrepresentations as to my/ our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings.
6. I/We do not have a conflict of interest as specified in the Rajasthan Transparency in Public Procurement Act, 2012, Rajasthan Transparency in Public Procurement Rules, 2013 and the bidding document, which materially affects fair competition.
7. I/We have complied and shall continue to comply with the Code of Integrity as specified in the Rajasthan Transparency in Public Procurement Act 2012, Rajasthan Transparency in Public Procurement Rules, 2013, and this Bidding Document, till completion of all obligations under the Contract.

Date :

Signature of bidder

Place :

Name :

Designation :

Address :

**COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST**

**(Must be signed by the bidder and attached with Techno-commercial bid)**

**1. COMPLIANCE WITH THE CODE OF INTEGRITY**

Any person participating in a procurement process shall:

- a) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- b) Not misrepresent or omit information that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- c) Not indulge in any collusion, Bid rigging or anti-competitive behaviour to impair the transparency, fairness and progress of the procurement process;
- d) Not misuse any information shared between the procuring Entity and the bidders with an intent to gain unfair advantage in the procurement process;
- e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- f) Not obstruct any investigation or audit of a procurement process;
- g) Disclose conflict of interest, if any;
- h) Disclose any previous transgressions with any entity in India or any other country during the last three years or any debarment by any other procurement entity.

**2. CONFLICT OF INTEREST**

A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:

- a. have controlling partners/ shareholders in common; or
- b. receive or have received any direct or indirect subsidy from any of them; or
- c. have the same legal representative for purposes of the Bid; or
- d. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
- e. the Bidder participates in more than one Bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
- f. the Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the Bid; or
- g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/ consultant for the contract.

**(Bidder's Signature)**

**Name & Designation with seal of the bidder**