



EC/TN-1820/Three phase Meter Box/P (1/50)

JODHPUR VIDYUT VITARAN NIGAM LIMITED
OFFICE OF THE SUPERINTENDING ENGINEER (MM&C)
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SPECIFICATION NO. JDVVNL/SE/MM&C/TN-1820 FOR SUPPLY OF THREE PHASE METER BOX”

Tenders are hereby invited in e-tender system for purchase of “Three Phase Meter Box” Tenders are to be submitted online in electronic format on website <http://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. /No.
1.	THREE PHASE METER BOX	20000 Nos.	440.00

A.	NIT No.	TN-1820
B.	Last date for receipt of tenders	08.07.2022 up to 12:00 PM
C.	Date & time of tender opening	08.07.2022 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. 1,76,000.00 Sick Unit of Rajasthan: Rs. 88,000.00 SSI unit of Rajasthan: Rs. 44,000.00*
G.	Validity	120 days from the next date of opening of techno-commercial bid.

***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 attest documentary 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 07.07.2022 (04:00 PM)	www.jdvvn.com & http://www.eproc.rajasthan.gov.in
2.	Deposit of cost of:- (i) Tender Specifications (ii) Processing fee (iii) Bid Security	Up to 07.07.2022 (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 08.07.2022 (12:00 PM)	http://www.eproc.rajasthan.gov.in
4.	Opening of Technical Bid	08.07.2022 (03:00 PM)	http://www.eproc.rajasthan.gov.in
5.	Opening of Price Bid	To be intimated separately to the qualified bidders	http://www.eproc.rajasthan.gov.in

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NOTE:

1. Tender documents will be made available on e-Tendering portal 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 . 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.

SECTION-III**TECHNICAL SPECIFICATION FOR MOULDED POLYCARBONATE METER CUP-BOARD SUITABLE FOR THREE PHASE STATIC ENERGY METERS AGAINST TN-1820****1.0 A) SCOPE:**

This specification covers the moulding and supply of moulded cup-board suitable to house the three phase energy meters. The meter cup-boards shall be suitable for wall mounting.

B) REQUIREMENT :

The requirement of Three Phase Moulded Meter Boxes is 20,000 Nos. This quantity is tentative which may be increased or decreased at the time of placement of order.

2.0 TECHNICAL REQUIREMENT & STANDARDS**2.1 MATERIAL AND STANDARDS:**

The meter cup-board i.e. base and cover shall be made of injection moulded, unbreakable, high grade flame retardant polycarbonate with minimum thickness of 2.0 mm having good dielectric and mechanical strength. The top cover of the meter cup-board must be totally transparent without any provision of the separate window arrangement. The material must be 'UV' stabilized to ensure that the moulded meter cup-board should not change in colour shape, size, dimension when subjected to 200 hrs. on U-V ageing test.

The cup- board should have tapered surface / corners to prevent stay of rain water at the top of the meter cup board.

The cup board should be capable of withstanding the mechanical, electrical and thermal stresses as well as the affects of humidity which are likely to be encountered in service, at the same time ensuring desired degree of safety. The plastic material should be adequately stabilized against detrimental effects of light and weather. The surface appearance of moulded part must be smooth, non-porous and homogenous, free of ripples, defects and marks. No fillers or fibers should be visible at any place. The cup-board shall comply in all respect with the requirement of latest amended IS:14772/2000 "General requirements for enclosures for accessories for household and similar fixed electrical installations". Applicable degree of protection shall be IP 54 or better.

2.2 PROPERTIES OF PLASTIC MATERIAL:

The plastic material which is to be used by the bidder for these moulded meter cup-boards, must have the following properties:

S.No.	Property	Units	Value
1.	Physical Water Absorption	%	Max. 0.35
2.	Thermal HDT	Deg. C	Min. 125.
3.	Flammability a) Rating		FV 2

	b) Glow wire test @ 650 Deg. C		Passes
4.	Mechanical a) Tensile Strength b) Flexural strength c) Modulus of Elasticity d) Izod impact strength notched 23 deg. C.	MPa Mpa Mpa KJ/Sq.m	Min. 50 Min. 90 Min. 2000 Min 8

2.3 SERVICE CONDITIONS:

- | | | |
|----|---|--|
| a) | Maximum ambient air temperature | :50deg.C |
| b) | Maximum ambient air temperature in shade | :45deg.C |
| c) | Maximum temperature attainable by the meter exposed to sun.d) | :60 deg. C
Minimum ambient temperature :(-) 5 deg.C |
| e) | Average daily ambient air temperature | :40deg.C |
| f) | Maximum relative humidity | :95 % |
| g) | Number of months of tropical monsoon condition | :4 months |
| h) | Maximum altitude above mean sea level | :1000 meters |
| i) | Average annual rain fall | :10-100 cms |
| j) | Maximum annual rain fall | :1450 mm |
| k) | Maximum wind pressure /sq.m | :200 kg |
| l) | Isoceraunic level (days per year) | :40 |
| m) | Seismic level (horizontal accn.) | :0.30 g |
| n) | Permitted noise level | :45. db |

2.4 GENERAL & CONSTRUCTIONAL REQUIREMENTS:

2.4.1 DIMENSIONS:

The meter box shall be suitable to house meters with maximum outer dimensions of Three Phase moulded meters are as under :-

S.No.	Overall height	Breadth	Depth
1.	max. 320 mm	max. 200 mm	max. 130 mm

The size of meter cup-board (length, breadth and height) shall be such that there should be a minimum of 30 mm clearance on all sides from the meter sides except the bottom side (which should be minimum 75 mm from the lower edge of terminal block) and 15 mm clearance on front and 10 mm clearance from back of the meter. These meter boxes should be capable of housing meters of various makes like M/s Avon, M/s. Himachal, M/s. HPL Electric & Power Ltd, M/s. Genus Infrastructure Ltd, M/s. Genus Innovation Ltd, M/s. LinkwellTelesystems Pvt Ltd. M/s. Larsen & Toubro, M/s. Landis &Gyr Ltd, M/s. Secure Meters etc.

(b)Tolerance

The tolerance of meter box(es) shall be to a maximum of +/- 2 % on the overall dimensions and weight.

2.4.2 BASE & COVER DETAILS:

The cover shall be made overlapping type having collars on all four sides. The cover of the cup-board shall be provided with semicircular / circular gasket of sufficient size to completely fit in the grooves of the base. The gasket should be made of neoprene rubber. The base of the cup board must have a groove to hold the gasket and the overlap of the top cover with the base must be minimum 6 mm (with gasket).). The cover of the meter box shall be transparent and the base shall be off-white

2.4.3 METER CUP-BOARD SEALING AND SELF LOCKING ARRANGEMENT:

A) SELF LOCKING ARRANGEMENT:

The cover should be fitted with base by non-detachable push fit type arrangement. It should have knobs provided with the cover such that if pushed once inside the arrangement in the main body of the base and fitted in the arrangement, it becomes a part of the cup-board and cannot be detached from the base without breakage.

The cover shall rest on the base of cup-board in such a way that any access from outside to the meter is not possible. The cover in closed position should be overlapped on collar of base such that direct entry of screw driver or any other tool/ wire is not possible.

A protective lock device shall be provided so that during transportation or before installing the cup-board at site the lock should not operate. The device shall be disabled before the meter cup-board is locked.

The snap fit lock (male part) must be inserted in groove (female part) by at least 5mm to ensure proper locking of the meter cup board.

The top cover when opened after installation must have visible cracks/damages to make visible that the meter cup board has been forcibly opened up.

At least four snap lock fitting arrangements must be made and snap fitting arrangement should not be on the periphery of the meter box base.

Both male and female portions shall be an integral part of the meter box base and cover mould and not affixed separately by any method.

2.4.4 SEALING ARRANGEMENT

In order to make the above self locking arrangements of meter box fool proof from tampering, two numbers of push-fit moulded seals shall be provided on the meter case-cover boundary as below:

The meter box shall be sealed with two specially designed and moulded coloured polycarbonate tamper proof seals, to be inserted on each side of meter box case, with internal locking arrangement embossed or indelibly marked or laser etched with serial number and JdVVNL and manufacturer's logo visible from the front.

The provision of sealing shall be integral part of the meter box. The seal inserting arrangement shall also be integral part of moulded meter box. The seals shall become unserviceable and shall be irreplaceable in case of any attempt to tamper the meter box (cup-

board)These seals shall be placed in the meter box at specified place (not in loose condition) for inserting them at site after installation. The meter and terminals shall be rendered inaccessible after the meter box is self locked and sealed with such seals.

The serial no. of meter box shall be alphanumeric with 2 alphabets. The min. no. of digits including alphabets shall be 7. The serial number on seals shall be same as the serial number of the meter box. Provision for all the seals should be made on front side of the meter box. The serial number of meter box shall be embossed or indelibly marked or laser etched on the base as well as the cover of the meter box which can be easily viewed. The supplier shall provide one additional polycarbonate security seal in transparent Red colour with non-corrosive stainless steel sealing wire in unsealed condition for providing the same on terminal cover of the meter to be installed in the meter box. The serial no. of this shall also be same as Sr. No. of the meter box. This seal shall have embossing of word JdVVNL on bottom side.

2.4.5 METER MOUNTING INSIDE THE CUP-BOARD:

The meter base support inside the box is raised by about 10mm in the box for ease of wiring. An insulated frame shall be provided on inside base of meter box in such a manner that all make of meters can be installed on it. The meter holding frame with sliding bakelite strip shall be provided as per drawing attached.

2.4.6 INCOMING AND OUTGOING CABLE ARRANGEMENT:

Suitable circular holes shall be provided at the box, each on both side (right and left) at the lower side of the box for inlet and outlet cables with glands suitable for 25 sq mm four core aluminum cable made of Brass or engineering plastic for the cable securely fixed to the bottom of the cup-board on both side by chuck nuts. A suitable arrangement like clamping nut may be provided with the gland so that opening dia can be reduced to the size of cable.

2.4.7 ARRANGEMENT OF METR CUP-BOARD:

For fixing the cup-board to wall or wooden board, 4 nos. holes (two top side holes to be key holes) of minimum 6 mm dia shall be provided at the four corners of meter cup-board. The meter is to be installed in the cup-board and the cup-board in assembled condition shall have provision to fix it to a pole or on wall. The 4 nos. wooden screws of min. size of 4mm dia and 40 mm long shall be provided with each meter cup-board.

2.4.8 MARKING / EMBOSISNG:

The following information shall be clearly & indelibly embossed (not printed) on the cover and base of the meter cup-board (except Sr. No. which may be indelibly printed inside the base of meter box and also on the meter box cover with inkjet printing).

- i) TN- 1820.
- ii) Property of JdVVNL.
- iii) Name/ Brand name of Manufacturer.
- iv) Sr. No. (printed on both the base & cover of meter box)
- v) Sign of danger

2.5 SAMPLE

The successful bidder shall furnish one Pre-Commencement sample of meter box (cup board) to the Superintending Engineer (MM&C), Jodhpur Discom, Jodhpur for our approval after placement of Purchase Order. The manufacturer shall start production only after obtaining approval of Pre-Commencement sample from S.E.(MM&C). The sample approval shall be only for physical, dimensional and operational purpose only. The meter box shall be suitable to comply with the requirement of all tests.

2.6 TESTS

A) Type Tests

The meter cup board offered shall be fully type tested as per relevant standards and this technical specification (table 2). The bidder must furnish one set of type test reports along with the technical bid or shall submit such type test reports within thirty days of technical bid opening in respect of material offered. The type test report should be from independent recognized testing laboratory / house whose calibration of testing instruments should have traceability to NABL/NPL/ or equivalent. The type tests mentioned below must not have been conducted earlier than three years from the date of opening of bid.

TABLE 2
LIST OF TESTS TO BE CARRIED OUT ON MOULDED PLASTIC METER CUP-BOARDS

S. o.	Name of Indian Standard/ Equivalent International	Clasue Ref.	Test requirement	Test particulars		
				Type	Routi ne	Accep t-ance
1.	IS:14772	Clause 7	Marking	T		A
2.	As per Bidder's drawing		Dimensions	T		A
3.	IS:14772	Clause 9	Protection against electric shock	T	R	A
4	IS:14772	Clause 11	Construction	T		
5.	IS 14772	Clause 12	Resistance to ageing, to humid condition, to ingress of solid object and to harmful ingress of water.	T		
6.	IS : 14772	Clause 13	Mechanical strength	T		
7.	IS :14772	Clause 14	Resistance to heat	T		
8.	IS:14772	Clause 16	Resistance to rusting	T		
9.	IS:14772	Clause 17	Resistance to tracking			
10	IS:14772		Test for resistance to heat & fire. Glow w/ire test at 650 deg. C as per cl. 4 to 10 of IEC 695-2-1	T		
11.	IS:13411	Annexure H	Heat deflection temperature	T		

			(Min. 125 degC.)			
12.	IS : 4249		Self Extinguishing property of spirit burner test.	T		
13	IS:8623/1993	(Part-1) 18.2.2.2	Verification of die electric properties, insulation test with 500V DC magger	T		
14.	CIPET/IR Spectrometry		Material identification.	T		
15.	IS:13411/1992	Annexure D	Test for water absorption (Max. 0.35)	T		

Note : Applicable degree of protection shall be IP 54 or better.

Legend :-

T = Type Test, R = Routine Test, A = Acceptance Test

B) Acceptance test

The acceptance test as indicated in the table 2 shall be carried out at the time of inspection of the offered material.

C) Routine test

The routine tests as stipulated in the table 2 shall be carried out and routine test certificates / reports shall be submitted to the purchaser's inspecting officer at the time of inspection of the offered material.

Note: Where facilities do not exist at supplier's works for carrying out one or more above tests such test(s) may be got carried out at any of the approved laboratories such as CIPET centers / IIT, Delhi / Shriram test house, Delhi.

2.7 INSPECTION AND TESTING

The inspection and testing shall be carried out by the purchaser's representative as per provisions of relevant ISS, Specification and GTP & shall be governed by clause No.1.27 entitled "Inspection and Testing" of section-2 "General conditions of Contract" except mentioned hereunder.

a) The supplier shall arrange fifteen days advance notice to enable the purchaser to depute the inspecting officer for conducting necessary testing at supplier's works. Any delay beyond fifteen days in arranging the inspection shall be to the purchaser's account.

b) In case the manufacturer does not have adequate facilities for getting all the required tests conducted in his Laboratory, the purchaser at his option may get these tests conducted in any reputed testing laboratory. All the expenses for such tests to be conducted outside shall be borne by the supplier.

c) In case material/equipment is not found ready by the representative of the purchaser deputed for inspection to the extent of the quantity indicated in the inspection call with tolerance of (-) 10% or if the inspection is not got carried out by any reasons on account of the supplier the re-inspection charges shall be Rs. 7,500.00 for the supplier works located in Rajasthan and Rs.15,000.00 for the supplier works located outside Rajasthan will become payable by the supplier on this account to the Sr. Accounts Officer (MM&C) JdVVNL, Jodhpur.

d) No material shall be dispatched without prior inspection and approval by our inspecting officer, unless permission to do so is issued by the purchaser.

e) The Routine/Acceptance tests shall be carried out as per relevant ISS and IEC (Latest Amended), P.O. and GTPs on each equipment at your works.

(f) Inspecting officer shall also verify the Guaranteed Technical particulars attached with the purchase order.

g) Verification of testing of materials supplied

i) After receipt of approval of sample meter box and seals before commencement of supplies, the successful bidder shall offer first lot of meter box comprising minimum 25% of ordered quantity for inspection within 30 days. After satisfactory testing & clearance from purchaser, the material shall be dispatched to Nigam's stores.

ii) Three samples of meter box for type tests shall be selected & sealed from the first lot received in Nigam's stores. The selected samples shall be sent to CIPET/NABL Accredited laboratory along with complete details of meter boxes & seals for all tests i.e. as per Table 1 (for material) & Table 2 as per relevant standard and specification of TN-2736. Such type test charges shall be borne by the supplier. Payment shall only be released after successful type test reports.

The complete type test report under a cover of registered letter shall be sent directly to the purchaser. The purchaser however in first instance may pay testing charges to the testing agency which shall be recovered by Sr. AO(Cash &CPC) from the bill of the supplier alternatively a sum of Rs.50,000 may be got deposited by the supplier with first inspection call.

iii) The supplies, at the option of purchaser, may be utilized in the field. The supplier can continue supplying material in anticipation of successful type test(s) results.

iv) In case of successful type test results, supplies shall be continued. However, in case the meter box(es) do not meet the requirement as per ISS/Specification in type test(s), three more samples shall be selected from the supplies already received to get them type tested at supplier's cost. In case of repeat failure in type test(s), the order of balance quantity including the quantity lying unused in the stores/ field shall be cancelled. The guarantee period of quantity already supplied & used shall be doubled and payment for used meter boxes shall be arranged after deducting 10% cost.

v) However, purchaser may allow the supplier to re-offer the material after change/ modification in the design of meters. The balance material shall be accepted only after successful type testing. The type testing charges shall be borne by the supplier.

(h) SAMPLING PLAN

Samples from the offered quantity for inspection shall be selected by inspecting officer as per provisions of IS:5133/1969 (part-II) (Latest amended) for inspection and testing of material. The same shall be inspected in reference of P.O/specification, Guaranteed Technical Particulars and the sample approved by this office.

2.8 PACKING AND FORWARDING

The meter box shall be suitably packed in corrugated box in order to avoid damage during transit or handling. The packing cases may be marked to indicate the fragile nature of the component.

2.9 MAINTENANCE & GUARANTEE

It shall be governed by clause 1.40 of GCC except that the guarantee shall be for a period of 5 years from the date of dispatch. The bidder shall replace the defective meter boxes at the purchaser's stores within a period of 30 days from the date of intimation (from the concern ACOS) of failure. In case defective material are not replaced in stipulated period the penalty as per clause of delay in delivery shall be applicable.

3.0 GUARANTEED TECHNICAL PARTICULARS

The tenderer shall furnish all the necessary information as desired in the schedule of GTP appended at Schedule V (A). If the tenderer desire to furnish any other information in addition to the details as asked for the same may be furnished against the last item for box of this schedule.

3.1 Prices:

Tenderer must quote 'FIRM' prices. The quoted prices shall be exclusive of GST which shuld be mentioned separately along with F&I and if GST is applicable at concessional rate, the same shall be clearly mentioned.

3.2 Delivery

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.

SECTION -III-B (VOLUME - 'III')**TECHNICAL SPECIFICATION FOR TAMPER EVIDENT TRANSPARANT POLY-CARBONATE SECURITY SEALS TO BE SUPPLIED ALONG WITH THREE PHASE METER BOXES AGAINST TN-1820**

The specification covers the supply of tamper evident poly-carbonate security seals (heat resistant) for sealing of Meter Box. These seals shall be used on meter boxes as per the specification.

The intent of the specification is the general guidelines to provide sealing arrangement, which can be easily justified in the court of law if violated without authority by the consumer.

The poly-carbonate seals shall conform to the Nigam's specification as under:

1. **Material of Poly-carbonate Seals :**

The raw material used for poly-carbonate seals shall be of M/s. Dow Caliber Ltd., Switzerland (Gade-201- 15), M/s.GE Plastic, Singapore (Grade 143R), M/s. Dupont, Japan (Grade IV-20) or any other manufacturer having better properties as under :-

Sr.No.	Properties	Poly-carbonate
1.	Melting temperature	>140 ° C
2.	USE	Engineering
3.	Softness	Hard
4.	Durability	Weather effect resistance
5.	Transparency	Fully transparent (long time transparency) for female and transparent/ opaque for male portion.

2. **Colour of Seal :**

The female portion of the Poly-carbonate Seal(s) shall be available in Clear / Red/ Blue / Yellow/ Green colour and should be transparent (see through) type, which shall give complete visualization of its fixing mechanism and shall show clear indication if tampered. Male body to be transparent/ opaque in colours of Clear / Red / Blue / Yellow/ Green colour. i.e. variety of colours are available for colour coding.

3. **Design and Construction of Seal :**

- a) **Design :** The seal shall be anchor (Push Fit) type tamper evident with double locking or rotating type system. There shall not be any change in size, shape or design of the seal than

the approved samples. If the seal is found different than the approved design / shape / size, the same shall be out rightly rejected.

- b) **Thickness :** The wall thickness of seal should be minimum 0.8mm.
- c) **Serial No. of the Seal :** The serial number of the seals shall be same as the serial no. of the meter box with which it is supplied. The serial numbers shall be laser etched or embossed during moulding (it shall not be screen printed unless the printing is protected with additional tamper proof cover) in contrast colour on front side of capsule body. The Sr. No. shall also be laser etched / embossed on top of the male part / insert.
- d) **Monogram :** The seal shall have laser etched printing/embossed of monogram of JdVVNL on front side and month and year of manufacturing in figure on the back side. The laser etched printing should be through complete thickness of polycarbonate.

4. General Construction :

The seal shall be capable to withstand temperature upto 140° C without any damage / deformation.

The seal shall be designed for a single use only and if tampered with the help of pliers, knife or any other sharp instruments, the seal shall be damaged and due to its transparent property, the sign of tampering shall be easily detected. Also once opened, it can not be re-used. The seal shall be made in such a way that, it can be easily locked with the help of finger and thumb pressing or rotating and no tools shall be required to close the seal in the laboratory or at site. Both the parts shall be designed in such a way that they can not be separated and the attachment shall be flexible and shall not break. After inserting the seal through female part, the cap of the male part shall be fitted in the female part in such a way that it should not leave any space to avoid insertion of any sharp tools for opening of seal body of the female part in hot or cold condition.

The seal shall have also the following features :-

- a) Tamper resistance and reliable.
- b) Environmentally safe as it does not contain any lead.
- c) Withstand long-term exposure to direct sunlight.
- d) Required no tools for installation.
- e) Transparent for easily viewing the seal No. & locking arrangement.
- f) Heat resistance.

5. Testing :

The seals shall be inspected / tested at the manufacture's works before dispatch in presence of authorized representative of purchaser for the following tests:

- i) **Physical Check-up :** The seals shall be subjected to visual check-up for verification of workmanship and other features as mentioned above including shape / design / dimensions as per approved drawing / samples.
- ii) **Boiling Water Test:** The seal when emerged in the boiling water for more than one hour there shall not be any affect on the seal and it shall remain intact condition i.e. the seal should not become soft, but instead should turn out to trail and easily break thus showing easily the tampering signs if it eventually happens. Even, with the help of any sharp instrument, pulling with plier i.e. by applying mechanical force, the male portion shall not

come out from the female part (body seal). In case, it comes out, the same shall damage the seal, so that it can not be re-used.

- iii) **Pull Out Test:** After locking the seal, if the male part / insert is pulled with mechanical force with the help of plier or any other instrument, sharp instrument etc. at normal condition, the seal should not get unlocked without any damage and when such condition occurs, it should leave traces of tampering.
- iv) **Serial No. Verification test:** It shall be verified in random inspection that the Sr. No. of the meter and meter box seals are matching with the Sr. No. of the meters with which they are packed.

In short, if the seal is tested for any of the above tests, in no condition the male and female part shall be separated out without affecting / damaging the seal. In case, if they are separated, the seal shall have sufficient tamper evident.

6. **Sampling Criteria :**

For carrying out above acceptance tests at manufacturer's works minimum 5 samples shall be selected at random from the each offered lot.

The seals used in testing shall be destroyed in the presence of Nigam's Inspecting Officer.

7. **Guarantee :**

The seals shall be guaranteed for a minimum period of five years. In case, if any defect in design and manufacturing is noticed within the guarantee period, the seals of same serial number shall be replaced free of cost within one month. The defective seal found in the field viz. STORES/FIELD OFFICERS shall be collected by the supplier at their risk and cost and shall be destroyed at their works.

8. **Patent :**

The seals shall be **preferably** patented. Copy of patent should be submitted along with the offer. However, the successful bidder(s) may submit copy of patent within 30 days from the award of letter of intent but in any case before commencement of supply.

In case the seals are not patented, the seal design should be substantially original and useful only with the design of the meter box supplied. The purpose is that it should not be possible to mix and match seals (with same numbers) from various suppliers without visible evidence.

9. **SANCTITY AND LIABILITY OF SUPPLIER:**

It is utmost important that the supplier shall ensure, in case the seal manufacturer is different from meter box manufacturer, that it is not possible for the seal supplier to supply to consumers seals of same serial numbers and design with or without his knowledge. Any information leading to any such misappropriation by the supplier or by the seal manufacturer, the successful bidder shall be made liable to this and shall result in immediate debar of the supplies with all three Discoms of Rajasthan, all pending dues will be withheld and all bank guarantees shall be encashed, with immediate effect. Further, the Discoms may decide to pursue a criminal case against the supplier.

10. **Packing and Forwarding :**

The bidder shall be responsible for suitable packing of seals and seals for the meter box shall be packed in each meter box.

11. SAMPLES :

The samples of seal shall be submitted along with the meter box samples before commencement of supplies as per specification, for purchaser's approval. No supply should be made unless the sample is approved by the purchaser.

12. Quality of Supplies:

All materials supplied shall generally as per specification laid down and in strict accordance with and as per the approved standard samples.

13. GUARANTEED TECHNICAL PARTICULARS

The tenderer shall furnish all the necessary information as desired in the schedule of GTP appended at Schedule V (B). If the tenderer desire to furnish any other information in addition to the details as asked for the same may be furnished against the last item of this schedule.

14. 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

15. 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.

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

**SCHEDULE OF REQUIREMENT****PURCHASE OF THREE PHASE METER BOX UNDER SPECIFICATION
NO.JdVVNL/ SE(MM&C) / TN -1820**

S.No.	Description of the equipment required	Quantity (Nos.)
1.	THREE PHASE METER BOX	20,000 Nos.

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

SCHEDULE- II

**PURCHASE OF POLYCARBONATE THREE PHASE MOULDED METER BOX AGAINST
TN-1820**

PRICES ARE `FIRM`

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

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

(Signature)Name & Designation
withseal of the bidder.

JODHPUR VIDYUT VITRAN NIGAM LIMITED**3.1.1 ITEM:-POLYCARBONATE MOULDED METER CUP-BOARD SUITABLE FOR THREE PHASE STATIC ENERGY METERS AGAINST TN-1820**

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

1.0 STATUS OF BIDDER:-

- a) The bidder should be a Manufacturer of offered items. The offers from Sole Distributor / Sole Selling Agent / Authorized Dealer shall not be entertained.
- 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 SINGLE PHASE/ THREE PHASE POLY-CARBONATE METER BOXES in last three financial years from the date of opening of techno-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:-i. 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.

ii. Rajasthan based firms not meeting minimum quantity supplied criterion but having manufacturing and adequate testing facility and technical know how shall be considered as new firms and would be eligible for trial order only.

2.02 **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 AND B.G. IN LIEU OF PRE-COMMENCEMENT (after P.O.) SAMPLE :-**

3.01 Type Test

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 Accredited Laboratory / ILAC i.e. International Laboratory Accreditation Cooperation (in case of foreign laboratory) of similar rating and design of tendered material / equipment. **The bid of the bidders be also considered for meeting the Type Test criterion if the bidder have the requisite type test conducted successfully on the samples selected from the 1st Lot supplied to JdVVNL against previous tenders and its report are available with the Nigam & furnish certified copy of such Type Test Reports with the bid or reference of order / tender be mentioned in Bid document for verification purpose .** Such type test certificates should not be older than **Ten years** as on the date of bid opening. For this purpose date of conducting type tests 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 tendering firm even if it is a Govt. approved / Govt. recognized / NABL accredited / ILAC accredited, shall not be accepted, in case of their own tender. This will not apply if tendering firm is Govt. company / public Sector undertaking.

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.

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

3.02 B.G. IN LIEU OF PRE-COMMENCEMENT SAMPLE

The bidder shall furnish BG / DD / Pay Order for Rs. 5 Lac and undertaking that in case an order is awarded, the samples before commencement of supply shall be furnished conforming fully to the requirement of this specification. In case the bidder fails to furnish sample conforming to our specification before commencement of supplies their Bank Guarantee / DD / Pay Order will be invoked / forfeited (Proforma for submitting undertaking a Bank Guarantee is enclosed at Schedule-IIIB). The initial validity of B.G. shall be nine months.

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 :

1. 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	Forfeiture of EMD/cancellation of vendor
--------------------------------	--

order awarded on its accepted price and terms and conditions or does not comply with contractual formalities.	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 RTTP 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.

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

D) All documents required in the prescribed format are to be furnished along with the bid itself only (wherever it is required), failing which the bid will be summarily rejected.

Schedule-III-B

BANK GUARANTEE IN LIEU OF FURNISHING OF COMMENCEMENT SAMPLE

(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 sample as per specification.

Whereas M/s._____ (the bidder) have requested us (Name of the Bank) to furnish the bank guarantee, in lieu of the sample, 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 to 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 sample. 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 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 9 months from that date.

No indulgence or grant of time by the purchaser to the bidder without 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 VidyutVitran 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 upto_____. Unless demand or claim in writing is presented on the Bank within nine 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 theday _____month_____ and year_____ .

Yours faithfully,

(Bankers)

EXECUTANT

Witnesses ;

1.

2.

SCHEDULE-IV-A**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-1820**, we agree to supply the following quantity:-

S. No	Particulars of item	Tendered Quantity (In Sqm.)	Qty. Offered (In Sqm.)	Justification of quantity offered as per qualifying requirement.	Remarks
1	2	3	4	5	6
1.	POLYCARBOATE THREE PHASE MOULDED METER BOX	20,000 Nos..			

- The offer is valid for a period of 120 days from the next date of opening of Techno-Commercial Bid of the tender.
- The prices are FIRM in all respect.
- 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. In case we fail to deliver the material, we are liable to pay recovery for delay in delivery as per clause No. 1.23 of this Section-II of this specification. The material shall conform to your specification No. **JDVVNL/SE/MM&C/TN-1820** 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-1820** 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.....

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

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

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

(Signature)
Name & Designation
with seal of the bidder

Schedule- V (A)**Guaranteed Technical and other Particulars of Moulded Meter Box suitable for Three Phase Energy Meters.against TN-1820.**

S. No	Particulars				Required	To be furnished by bidder
	Name and Address of the Manufacturer					
1.	Material used for moulded meter box:					
	a)	Base			High grade flame retardant UV stabilized polycarbonate in off-white colour.	
	b)	Cover			High grade flame retardant UV stabilized transparent polycarbonate.	
2.	Thickness of moulded sheet in mm					
	a)	Base			Min. 2.0	
	b)	Cover			Min. 2.0	
3.	Properties of material for moulded meter box.					
	S.No	Property	Units	Value		
	i)	Physical: Water Absorption	%	Max. 0.35	Max. 0.35	
	ii)	Thermal HDT	Deg. C	Min. 125	Min. 125	
	iii)	Flammability				
	a)	Rating		FV2	FV 2	
	b)	Glow wire test @ 650 Deg. C		Passes	Passes	
	iv)	Mechanical				
	a)	Tensile strength	MPa	Min. 50	Min. 50	
	b)	Flexural strength	MPa	Min. 90	Min. 90	
	c)	Modulus of elasticity	MPa	Min. 2000	Min. 2000	
	d)	Izod impact strength, Notched, 23 Deg. C	KJ/Sq M	Min. 8	Min. 8	
4.	Dimension of box in mm					
	a)	Overall Height mm x Breadth mm x Depth				
	b)	Minimum clearance from meter on all 4 sides			30 mm from all three sides and 75 mm from bottom side from lower	

			edge of terminal block.	
	c)	Minimum clearance from meter on front	Min. 15 mm	
	d)	Minimum clearance from back of meter	MIN. 10 mm	
5.	Weight of complete box in Kg, with \pm % tolerance			
6.	Whether details of marking / embossing are as per specification?		Provided	
7.	Is the cover overlapping type having collars on all four sides?		Yes	
8.	Is the cover/base provided with semi-circular / circular gasket of sufficient size to completely fit in the groove of the base?		Yes	
	Material of the gasket		As per specification	
10.	A) Sealing and self locking arrangement			
	i)	Is the cover fitted with base by non-detachable push fit arrangement?	Yes	
	ii)	No. of snap lock fitting arrangement in the box?	Min.4 Nos. snap lock fitting arrangement	
	B) i) Whether two Nos. push fit moulded polycarbonate seals provided as per Cl.2.4.3 B of specification.		Yes	
	ii) Whether above sealing arrangement is integral part of the meter box.		Yes	
	C) i) Whether Sr. No. of seals of meter box is alphanumeric with two alphabets with min. no. of digits 7, including alphabets.		Yes	
	ii) Whether Sr. No. of seals is same as Sr.No. of meter box.		Yes	
	iii) Whether one additional polycarbonate seals is provided for providing the same on terminal cover of meter to be installed in the meter box.		Yes	
	iv) Whether Sr. No. of this seal is same as Sr. No. of meter box.		Yes	
	v) Whether embossing on all the seals is as per specification.		Yes	
11.	Dimensions of holes and screw for mounting meter box			
	i)	Dimensions of holes for box fixing screw (in mm)	6 mm dia holes	
	ii)	Dimensions of box fixing screws (in mm)		
	iii)	Total No. of fixing screws		
	iv)	The top side two fixing holes are Key-holes?		
12.	Colour of the meter box			
13.	Details of cable glands			
	a)	Material		
	b)	Size		

Schedule- V (B)**GUARANTEED TECHNICAL PARTICULARS FOR TAMPER EVIDENT TRANSPARENT POLYCARBONATE SECURITY SEALS (HEAT RESISTANT) TO BE USED AS BODY SEAL OF THREE PHASE METER BOX AGAINST TN-1820**

S. NO.	PARTICULARS	TO BE FURNISHED BY BIDDER
1	NAME & ADDRESS OF MANUFACTURER.	
2	WORK'S ADDRESS	
3	TYPE /MATERIAL OF SEALS	
4	MELTING TEMPERATURE	
5	WITHSTAND TEMPERATURE	
6	STANDARDS TO WHICH MATERIAL OF SEALS/POLYCARBONATE CONFIRMS:	
7	STANDARDS TO WHICH MATERIAL OF NON-CORROSIVE, NON-MAGNETIC SEAL WIRE CONFIRMS	
8	COLOUR OF SEALS	
9	WHETHER SEALS WITHSTAND FOLLOWING TESTS SATISFACTORILY.	
i)	PHYSICAL CHECK UP	
ii)	BOILING WATER TEST FOR 2 HOURS	
iii)	PULLED OUT TEST AS PER SPECS.	
iv)	SEAL WIRE	
v)	Sr, NO. VERIFICATION TEST.	
10	WHETHER SEALS HAVE FACILITY TO PRINT MONOGRAM/NAME OF COMPANY	
11	IF YES, TYPE OF PRINT (LASER ETCHED/EMBOSSING) GIVE DETAILS	
12	WHETHER SEALS ARE PROVIDED WITH INTERNAL ANCHOR-LOCKING SYSTEM.	
13	WHETHER INTERNAL ANCHOR LOCKING SYSTEM IS IR-REVERSIBLE AND TAMPER EVIDENT IN CASE EFFORTS ARE MADE TO TAMPER/BREAK.	
14	WHETHER PROPERTIES OF MATERIAL ARE AS PER SPECIFICATION CL. 1. OF SPECIFICATION .	

Schedule – VI (A)

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.
-------	---

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:-

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

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

(Signature)

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

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 of 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 order	whether still to be executed	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 /Organizations.

(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

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

Signature & seal of C.A.

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.

Schedule-VII B

**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

Schedule – VIII



JODHPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking

DELIVERY SCHEDULE

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

S.No	Particular Of Material	Commencement Period	Rate Of Supply per Month	Period for Completion of delivery of Entire material
1	POLYCARBONATE THREE PHASE MOULDED METER BOX	After 30 Days from the date of issue of detailed Purchase Order	_____ Nos. per month (to be quoted by tenderer)	30 days Commencement Period and supply in 7 months period thereafter in equal monthly proportion

PART-B

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

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

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

2. During the commencement period the contractual formalities shall be got completed.

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

**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 DOCUMENT FOR PURCHASE OF THREE PHASE METER BOX AGAINST TN-1820.

A	NIT No.	TN-1820
B	Last date for receipt of tenders	08.07.2022 upto 12:00 PM
C	Date & time of tender opening	08.07.2022 at 3:00 PM
D	Cost of Specification	Rs. 2,950.00 (Two Thousand Nine Hundred & Fifty only) For MSME: Rs. 1,475 (One Thousand Four Hundred & Seventy Five only)
E	Processing of RISL	Rs. 1,000.00 (One Thousand only)
F	Bid security to be deposited	General Bidder: Rs. 1,76,000.00 Sick Unit of Rajasthan: Rs. 88,000.00 SSI unit of Rajasthan: Rs. 44,000.00*
G	Validity	120 days from the next date of opening of techno-commercial bid.

***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 attest documentary 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.

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

SCHEDULE – XI

(TO BE FURNISHED ON NON-JUDICIAL STAMP WORTH Rs.100/- & DULY NOTARIZED)

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%** of the amount of quantity ordered for supply of goods and in case of sick industries, other than Small Scale Industries, whose cases are pending before the Board of Industrial and Financial Reconstruction (BIFR), it shall be **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 45th 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 RTPP 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

APPENDIX-A

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-_____ I/ 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