

GENERAL PARTICULARS ABOUT THE TENDER IN BRIEF

**JAIPUR VIDYUT VITRAN NIGAM LTD
OFFICE OF THE SUPERINTENDING ENGINEER(PROC.)
OLD POWER HOUSE, BANI PARK, JAIPUR-302006.**

TELEFAX : 0141 - 2208098

**TENDER SPECIFICATION NO.JPD/SE/PROC./SPO.II/TN-4320 FOR SUPPLY OF
GALVANISED M.S.ROD TYPE EARTHING SET WITH CLAMPS AND WIRE AGAINST
TN-4320**

LAST DATE & TIME FOR RECEIPT OF TENDERS : 11.05.2011 upto 2.30 PM

DATE AND TIME OF OPENING OF TENDER : 11.05.2011 at 3.00 PM

COST OF SPECIFICATION : Rs 2500/-

VALIDITY : 120 days from the next date of
Opening of techno commercial bid

EARNEST MONEY : Rs. 5.0 lac (Rupees five lac
only) or Exemption certificate or
vender registration of Class-A or above
category

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

SECTION-III**TECHNICAL SPECIFICATION FOR SUPPLY OF GALVANISED M.S.ROD TYPE EARTHING SET WITH CLAMPS AND G.I. WIRE AGAINST TN-4320****1. SCOPE**

This specification covers design, manufacture, inspection and testing before dispatch, supply and delivery at consignees headquarter of Galvanised M.S.Rod type earthing sets with clamps and G.I. wire. The earthing sets shall be used to protect the 33 KV, 11 KV & LT lines and sub-stations from faulty currents.

2. CLIMATIC CONDITIONS

I. Peak ambient temperature	50 Degree C
II. Maximum average ambient temperature	40 Degree C
III. Maximum temperature attainable	60 Degree C
IV. Maximum relative humidity	100 %
V. Minimum relative humidity	50 %
VI. Average number of thunder storm days per annum	40
VII. Average number of rainy days per annum	100
VIII. Average annual rainfall	10-100 cm
IX. Maximum wind pressure	100 Kg/sq.m
X. Altitudes not exceeding	1000 mtrs.

3. REQUIREMENT

The quantities mentioned in the schedule-I of requirement are provisional. However, the type of structures and the net quantity shall be determined later-on at the time of finalization of this tender. The purchaser also reserves the right to increase or decrease the tendered quantity/ weight of structure. The purchaser also reserves the right to split the quantity and to entrust the order for the supply on one or more suppliers. The tenderer shall agree to supply part quantity ordered on him at the rates/ prices mentioned in the tender or accepted by the purchaser.

4. DELIVERY

The maximum commencement period allowed shall be 30 days from the date of receipt of purchase order and entire ordered quantity shall be completed in 8 (eight) months thereafter at equal rate bimonthly. The bidder is required to quote bimonthly delivery. In case ordered quantity is different than quoted quantity, delivery shall be adjusted proportionately. Tender in which bimonthly delivery is not indicated likely to be ignored.

5. STANDARDS

The relevant ISS: to which this material shall conform is indicated as below:-

For fabricated material

- (i) Raw material test (Manufacturer's Raw material test certificate as per ISS: 2062-Grade 'A')

- (ii) Galvanisation test as per relevant IS:2633.
- (iii) Checking/verification of Dimension etc. as per approved drawing.
- (iv) Sampling for workmanship and dimension checking 3% of each lot and as per ISS-4711-1976.

For Bolt & Nuts:

- (i) Sampling as per IS:2614 (1969)
- (ii) Dimensions as per IS:6639(1972)/12427 (1988) for bolts and IS:1363 Part-III (1984) for nuts.
- (iii) Galvanisation (sampling) as per IS:1367 part-12 1983, mechanical properties and chemical composition (as per IS:1367 part-III-1991/ IS:12427 (1988) for bolts and IS:1367 Part-IV 1980/IS12427-1988 for nuts.

For Spring washers:

- (i) Sampling as per IS:6821 (1973)
- (ii) Dimension and testing IS:3063 (1972) and permanent set test – DIN-257 part 264.2.2 and 4.2.3
- (iii) Electroplating IS:1573 (1986)
- (iv) Chemical composition IS:4072 (1975)

For Galvanised steel wire:

- (i) As per IS: 280(latest addition)
- (ii) Testing as per IS:7887 Grade-III

6. FINANCIAL RESOURCES AND EXPERIENCE

The tenderer shall submit along with the tender, the details regarding his previous experience in performing similar comparable work, the technical strength and manufacturing facilities available and also financial capability. The tenderer is further requested to furnish the information, particularly on the following points :-

- (i) Standing of the firm as manufacturer or authorized dealer/sole selling agent/ sole distributor
- (ii) Approximate tonnage, fabricated so far at his works on monthly basis.
- (iii) Testing facilities available at their works.

7. WORKMANSHIP:

The galvanized M.S. Rod shall be made to the dimension specified. The Rod shall be solid and free from all defects and shall be uniformly galvanized. The requirement for chemical composition of the rod, clamp, Nut-Bolts etc. shall conform to relevant ISS as mentioned against each item of earthing sets.

8. QUALITY ASSURANCE PLAN

The supplier shall invariably furnish the following information alongwith his offer, failing which his offer shall be liable for rejection.

- (i) Names of sub-suppliers for the raw materials, list of standards according to which the raw materials are tested, list of tests normally carried out on raw materials in the presence of supplier's representative and copies of test certificate.
- (ii) Information and copies of test certificates as in (i) above in respect of bought out material.
- (iii) List of manufacturing facilities available.
- (iv) Level of automation achieved and list of areas where manual processing exists.

- (v) List of areas in manufacturing process, where stage inspections are normally carried out for quality control and details of such test and inspection.
- (vi) List of testing equipments available with the supplier for final testing of Galvanised M.S.Rod type earthing sets and test plant limitation if any vis-à-vis the type, special acceptance and routine tests specified in the relevant standards. These limitations shall be very clearly brought out in schedule of deviation from specified test requirements.

9. INSPECTION, TESTING & CHECKING :

All the tests and inspection shall be made at the works of manufacturer unless otherwise especially agreed upon by the bidder and purchaser at the time of purchase. The bidder shall afford the inspecting officer(s) representing the purchaser all reasonable facilities without charges, to satisfy him that the material is being furnished in accordance with this specification. The purchaser has the right to have the tests carried out at his own cost by an independent agency whenever there is a dispute regarding the quality of supply.

The inspection may be carried out by the purchaser at any stage of manufacture/ before dispatch as per relevant standard.

Inspection and acceptance of any material by the purchaser, shall not relieve the bidder of his obligation of furnishing material in accordance with the specification and shall not prevent subsequent rejection if the material is found to be defective. The bidder shall keep the purchaser informed in advance, about manufacturing programme so that arrangements can be made for inspection.

The bidder shall give 15 days advance intimation to enable the purchaser to depute his representative for witnessing the acceptance and routine tests. The inspection charges would be to the purchaser's account.

TEST BEFORE DESPATCH:- The Galvanised M.S. Rod type earthing sets shall be subject to the following tests as per ISS at manufacturer's works before dispatch.

ROUTINE/ACCEPTANCE TEST AS PER RELEVANT STANDARD:

For fabricated material

- I) Raw material test (Manufacturer Raw material certificate as per ISS: 2062 Grade A).
- II) Galvanization test as per relevant IS:1367(Pt. 13th)1983.
- III) Checking of Dimensions etc. as per approved drawing.
- IV) Sampling of workmanship and dimension checking 3% of each lot and as per ISS: 4711-1976.

For Bolt & Nuts

- i) Sampling as per IS:2614 (1969)
- ii) Dimensions
- iii) Galvanization

For spring washers:

- I) Sampling
- II) Dimensions
- III) Galvanization
- IV) Chemical composition

Galvanised steel wire as per IS:12776/1989 latest addition.

In case bidder use the steel sections manufactured by prime producers then the inspecting officer shall verify and record in the inspection report regarding stamping and mark of prime producers.

The purchaser reserves the right to conduct all tests on M.S. Rod type earthing sets. (Name of the equipment/material) after arrival at site and the contractor shall guarantee test certificate figures under actual service conditions.

10. MARKING

Each bundle of earthing sets shall be legibly marked with the physical condition, weight, date of manufacture, trade mark or the name of manufacturer. The material which is inspected and cleared for dispatch shall be sealed with the JVVNL seal.

11. PACKING AND FORWARDING

The Galvanised M.S.Rod type earthing sets shall be supplied in bundles (containing all items) and shall be suitably bound and fastened compactly and shall have a maximum weight of 400 Kgs. The bundles will be suitably protected by wrapping round by hession cloth/polythene cover to avoid damage in transit and corrosion

12. TEST CHECKING OF MATERIAL AT STORES.

The material received in stores shall be subject to test checking in the test laboratory of Nigam (CTL) before final acceptance of material. The procedure for the same shall be as under:-

(i) One sample out of each sub-lot/lot of 2000 sets or part thereof from each inspected lot received in stores shall be selected for test checking of material and shall be got tested. The sample selection shall be done as soon as material is received in stores without the presence of representative of supplier. However testing of sample(s) at CTL shall be carried out in presence of representative of supplier after identification of sample by supplier's representative.

(ii) Tests

The following tests shall be carried out on the selected samples at CTL .

- (i) Visual examination
- (ii) Verification of dimension as per specification/ GTP/approved drawings.
- (iii) Galvanization uniformity test
- (iv) Weighment of selected sample

Test of the material shall be got done at the test laboratory of the Nigam i.e. CTL. For witnessing of the testing clear 7 days notice shall be given to the supplier stating date, time and place where the test is to be conducted. In case the suppliers do not attend for witnessing the test, the testing shall be proceeded / completed and action shall be taken as per the contract.

The Executive Engineer (CTL) shall send copies of test reports to the purchaser, consignees, supplier and Sr. A.O.(CPC).

13. CRITERIA FOR ACCEPTANCE

(A) Verification of dimension.

The sample(s) shall be subjected to verification of dimension check up as per specification/GTP/approved drawings and will be accepted as per tolerances specified in specification/ relevant IS: The material will be accepted to any extent if tolerances are in positive side. If tolerances are in negative side then the material shall be accepted to the extent as specified in IS, without any deduction. If the dimensions are in negative side beyond the specified tolerances in IS then it will be accepted to the extent double the negative side tolerance as specified in IS but with following deductions:-

(a) for M.S.Rod:- 2% of the cost of material

(b) Other parts :- 1% of the cost of material

If the dimensions are beyond double the permissible negative tolerance then material shall be rejected and the supplier shall replace at his own cost.

(B) Galvanization (Uniformity) test

(i) The sample shall be first tested for (n-2) number of dips where (n) is specified number of dips in the contract. If the sample(s) does not pass the uniformity of galvanization test for (n-2) dips, the **material shall be rejected** and the material relating to relevant lot/sub-lot to which sample(s) pertains shall have to be replaced by the supplier free of cost.

(ii) If the sample(s) has passed the uniformity of galvanization test for (n-2) dips, then it shall be tested for (n-1) dips. If the sample has not passed the uniformity of Galvanization Test with (n-1), then material pertaining to relevant lot/sub-lot shall be accepted with a **deduction @ 10% of cost of material**.

(iii) If the sample(s) has passed the uniformity of Galvanization Test with (n-1) dips, then sample shall be tested for last one dip of one minute to complete the test for 'n' dips. If the sample does not pass the uniformity test with specified number of dips i.e. 'n' dips, then material pertaining to relevant lot/sub-lot shall be accepted with a **deduction @ 5% of cost of material**.

The payment shall be released only after receipt of successful test report of the sample(s) selected at purchaser's store for mandatory test checking to be carried out at CTL. However, the due date for payment shall be considered from the date of submission of bills along with receipted challans to A.O.(CPC), JVVNL, Jaipur

14. PRICES AND PRICE VARIATION

The prices shall be quoted in Rs. per set on F.O.R. destination basis in the manner detailed in schedule of Prices(Schedule-IV) indicating details of ex-works price, Excise Duty, Sales tax / VAT, freight & Insurance charges and Entry Tax, etc. for delivery at our stores. The offers in which prices have not been quoted in prescribed manner are liable to rejection.

The quoted price shall be variable as per Price Variation formula given in this specification at Schedule-II without any ceiling. **The base date of price variation shall be 01.04.11, and shall be governed as per clause No.1.10. of Instructions to bidders.**

If the price variation formula is changed, the same shall be applicable for the price variation. During the transit period when both old and new indices are being circulated, then the admissible Price Variation shall be applicable, which is advantageous to Nigam, and the period from which the old indices are discontinued then the P.V. shall be admissible with the new indices.

15. PAYMENT

Payment for the supplied material shall be made as per the actual weight received and verified by consignee(s) in the store. Payment shall be governed in accordance with the clause No.1.42 of GCC with following modifications:-

16. QUANTITY TOLERANCE

The quantity ordered can be supplied with a tolerance of plus minus 2%.

17. DEPARTURE FROM SPECIFICATION

Technical deviation including GTP and commercial deviation including delivery if any shall be mentioned in schedule-VI-A & Schedule-VI-B "departure from specification" attached with this specification. Mentioning of such deviations elsewhere in the offer will not be considered as deviation. The printed terms and conditions of sales and other if any attached with the offer will not be considered.

18. PRICE FALL CLAUSE:

If lower rates are received /finalized in subsequent tender for this item then price fall clause shall be applicable as per clause 1.60 of GCC.

19. DELAY IN DELIVERY & DELAY IN DESPATCH

i) The delay in delivery shall invoke provisions of clause No. 1.24 of the GENERAL CONDITIONS OF CONTRACT (Sec.II) "

SCHEDULE-I**SCHEDULE OF REQUIREMENT FOR PURCHASE OF GALVANIZED MS ROD TYPE EARTHING SET AGAINST TN-4320**

S.No.	Name of Item	Tendered qty. in sets	Remark
1	GALVANIZED MS ROD TYPE EARTHING SETS	3,19,099	
	Total	3,19,099	

BILL OF MATERIAL

The bill of material for galvanized M.S.Rod type earthing set with clamps and wire against TN- as per enclosed drawing is as under:-

S.No.	Particulars	Unit	Quantity
1	Galvanised M.S. Rod 20 mm dia electrodes having 3 Meter length	No.	1
2	Galvanised Earthing clamp of M.S.Flat of size 50x6 mm 220 mm length. One welded with earth electrode and loose to be bolted	Set (Two Pieces)	2
3	Galvanised Bolts, Nuts and Spring washers.	No.	2
4	G.I.Wire Size 8 SWG of 15 Meter length	No.	1

SCHEDULE-II**PRICES AND PRICE VARIATION FORMULA**

The price quoted/confirmed is based on the input cost of raw material / components and labour cost as on the date of quotation and the same is deemed to be related to prices of raw material and all India Average consumer price index number for industrial workers as specified in the price variation clause given below.

$$P1 = P_0 (0.11 + 0.66 (SB1/ SB0) + 0.23 (L1/L0))$$

where :

P1= Ex-works price payable as adjusted in accordance to above formula

P₀= Ex-works price quoted/confirmed

SB1= Ex-stockyard price of MS Channel of size 100x50 mm of SAIL,Jaipur, prevailing as on first working day of the month, one month prior to the date of delivery.

SB₀= Ex-stockyard price of MS Channel of size 100x50 mm of SAIL, Jaipur, prevailing as on first working day of the month, one month prior to the date of tender opening.

L1= All India Average consumer price index No. for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India(base 2001= 100). This index number is as applicable on the first working day of the month, 4 months prior to the date of delivery.

L₀= All India Average consumer price index number for industrial workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India(base 2001= 100). This index number is as applicable on the first working day of the month, 3 months prior to the date of tender opening.

The base date of price variation shall be 1.4.2011, and shall be governed as per clause No.1.10. of Instructions to bidders.

SCHEDULE-III**DETAILS OF APPLICABLE STANDARDS / SPECIFICATION/ MANUALS :**

The material shall comply with the relevant provisions made in the following Indian Standards Specification (now BIS) with latest amendments.

1	IS:2062/ 1999 (Latest amended)	Hot rolled low medium and high tensile structural steel
2	IS: 2633/1986	Methods for testing uniformity for coating of zink coated articles
3	IS:4711/1976	Methods for sampling of steel pipes, tubes and fittings
4	IS:1367/1983	Technical supply conditions for threaded steel fasteners
5	IS:1363/1984	Hexagon head bolts screws and nuts of products grade-C
6	IS:6639/1972	Specification for hexagon bolts for steel structures
7	IS:12427/1988	Fasteners, headed steel fasteners, hexagon head bolts
8	IS:6821/1973	Methods for sampling non threaded fasteners
9	IS:3063/1972	Fasteners single coil rectangular section spring lock washers
10	IS:1573/1986	Specification for Electroplated coatings of zink on iron and steel
11	IS:4072/1975	Specification for steel washers
12	IS:280/	Mild steel wire for general engineering purpose
13	IS:7887/1992	Mild steel wire rods for general engineering purpose

All materials shall comply in all respect with the requirement of latest addition of relevant Indian Standard Specification except as modified in this Specification . Where the relevant ISS is not available, the material / sections should comply with the latest BSS.

Signature of bidder
With stamp

SCHEDULE-III (A)**PRE-QUALIFICATION REQUIREMENT**

The bidder should fulfill following qualification requirements for successful participating in the tender alongwith 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 manufacturer of offered item. The offers from authorized dealer/ sole selling agent/sole distributor shall not be entertained.

b) Old / New Suppliers:- Any bidder having their works located within or outside the state of Rajasthan has albeit participated for the first time in particular Discom & meeting minimum qualification requirement (whether Raj. Or outside Rajasthan) has supplied the tendered material / higher rating in other utility shall be treated as an old Supplier. Rajasthan based firms not meeting minimum quantity supplied criterion but having manufacturing and adequate testing facility and technical know-how shall be considered as new firms and would be eligible for trial order only.

2.0 PAST SUPPLY AND PERFORMANCE CRITERIA:

The bidder should meet both past supply and performance criteria as detailed below for opening of tenders.

- a) The bidder is required to quote for minimum 10% of tendered quantity, failing which the offer may be considered non responsive.
- b) The bidder should have designed, manufactured/fabricated, tested and supplied to utility/ Discoms/ Govt. Departments at least 2xQQ/ (QQ being the quoted quantity) of similar item / higher rating of tendered material / equipment in last three financial years from the date of opening of technical- commercial bid. Material supplied under Turnkey Project shall be considered for qualifying requirement if bidder either furnishes a certificate of the Discoms/Utility that same material/equipment has been supplied to them or furnishes proof of supply i.e. receipted challans of the material/equipment supplied to Discoms/Utility

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

- c) The bidder shall furnish documentary evidence in the form of certificate from C.A. in the prescribed proforma only. This prescribed proforma should be either in original or copy duly attested by the Notary. The bidder shall also sign and affix seal on the prescribed format C.A. Certificate. The certificate should have membership number with the name and address of the chartered accountant. Certificate should clearly indicate the quantity supplied, period of supply in the format prescribed. Any deviation to format or information diverted format will not be considered and rejected.

3. PERFORMANCE CRITERIA

- i) If a bidder could supply upto 50% of ordered quantity in previous tender upto date of opening of subsequent tender and scheduled delivery period expired, the bid of such bidder will not be opened in the Discom for that item.
- ii) However, if the supplies have been completed for a quantity more than 50% but not completed upto date of opening of subsequent tender and scheduled delivery period expired, then 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.

4. POOR RECORD OF PERFORMANCE AND DELIVERY

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

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

5. BLACK LISTING

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

- i) There are sufficient and strong reasons to believe that the supplier or his employee has been guilty of malpractices such as bribery, corruption, fraud, vitiating fair under process including substitution of or interpolation in tenders, pilfering or unauthorized use or disposal of Nigam's materials issued for specific works etc.
- ii) The supplier continuously refuses to pay Nigam dues after registered notice even after lapse of six months without showing adequate reasons and where the registering authority is satisfied that no reasonable dispute attracting reference to Settlement Committee or Court of Law exists for the supplier's action.
- iii) Where a supplier or his partner or his representative has been convicted by a Court of law for offences involving moral turpitude in relation to the business dealings or where security considerations including suspected disloyalty to the Nigam so warrant.
- iv) If a registered supplier being non tenderer for supply but still submits applications giving his offer after receipt/opening of tenders received after due process.

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

Note:- 2 . Severment once done will continue for the notified period of debarment even if the dues are deposited prior to the expiry of such severment period.

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

6. GENERAL

- i) The bidder shall clearly indicate the deviations such as Technical Deviation & Commercial Deviations in the prescribed proforma only. The deviations indicated elsewhere in the bid shall not be accepted.
- ii) The bidder must clearly fill up each and every particular of Guaranteed Technical Particulars (Schedule-V) with Technical Specification otherwise he will be responsible for Technical Non-Responsiveness.
- iii) All documents required in the prescribed formats are to be furnished along with the bid itself only except an attested copy of BIS license (wherever it is required) failing which the bid will be summarily rejected. However copy of BIS license may be submitted by the bidder up to the official working hours of one working day prior to the scheduled / notified date opening of price bids

Signature of bidder
With stamp



JAIPUR VIDYUT VITRAN NIGAM LIMITED

**A Govt. of Rajasthan Undertaking
SCHEDULE OF PRICES**

(Must be filled by the bidder and returned with the bid)

The Superintending Engineer (Proc.)

Jaipur Vidyut Vitran Nigam Limited Jaipur

with reference to your invitation to bid against specification No-4320, we agree to supply at prices (firm/variable) given as follows

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

Notes:-

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

Signature of bidder with rubber stamp

SCHEDULE-IV-A

Must be filled in by the bidder and attach with technical bid

To,

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

Dear Sir,

With reference to your invitation to tender against specification No. JPD/SE/Proc./TN-4320, we agree to supply the following quantity.

S.No.	Particulars of item	Tendered quantity in sets	Qty. offered	Justification of quantity offered as per Q.R.	Remarks
1	Galvanised M.S.Rod type earthing sets with clamp and G.I. wire	3,19,099			
2	Total	3,19,099			

1. The offer is valid for a period of 120 days from the next date of opening of Techno Commercial Bid of the tender.
2. The prices are variable with the base date **01.04.2011** as per price variation formula given at schedule -II
3. It is noted that the quantities as mentioned in the specification are approximate and we agree to supply any quantity as per your order.
4. The delivery shall strictly be in accordance with delivery clause. In case we fail to deliver the material, we are liable to pay recovery for delay in delivery as per clause No. 1.24 of this Section-II of this specification.
The material shall conform to your specification No. JPD/SE/Proc./TN-4320 and as per relevant ISS in all respect.
5. We confirm that we agree to all the terms and conditions as well as the technical stipulations of your specification No. JPD/SE/Proc./TN-4320 and there are no deviations other than as specified in the Schedule-VI (A&B).

Signature of bidder
With stamp

SCHEDULE-V

(to be filled by the bidder)

**GUARANTEED & OTHER TECHNICAL PARTICULARS FOR
GALVANISED M.S. ROD TYPE EARTHING SET AGAINST TN-4320**

S.NO.	PARTICULARS		Description
1	Name and address of Manufacturer	:	
2	Manufacturer's works address	:	
3	Standard specification to which the material shall conform.	:	IS: 2062 and other relevant standards.
4	Dimension shall confirm	:	For earthing sets as per approved drawing and for bolts, nuts & S.washer as per relevant standard.
5	Sampling for workmanship and dimension	:	3% of offered lot
6	Galv. Shall confirm to No. of dips employed for galvanization	:	As per IS: 2633/1986 & relevant ISS. 3 dips of 1 minute 1 dip of half minute
7	Electroplating test	:	As per IS:1573 (1986) and relevant ISS
8	Chemical composition	:	As per relevant ISS.
9	Tolerance (i) Mfg. Tolerance (ii) Tolerance in length	:	± 0.5 mm (As per ISS 1852/1985) $\pm 0.5\%$
10	Packing	:	As per clause No.11 of specification.
11	Weight(in Kg.) of earthing set excluding G.I.Wire Bolts and Nuts	:	8.4 Kg. $\pm 3\%$

BILL OF MATERIALS

S.No.	Particulars	Unit	Quantity
1	Galvanised M.S. Rod 20 mm dia electrodes having 3 Meter length	No.	1
2	Earthing clamp of M.S.Flat of size 50x6 mm 220 mm length welded with earth electrode	Set (Two Pieces)	2
3	Bolts, Nuts and Spring washers.	No.	2
4	G.I.Wire Size 8 SWG having length 15 Meter	No.	1

Signature of Bidder

 Name _____
 Designatio _____
 Common authorized Seal of Bidder

Schedule – VI (A)**JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking****DEPARTURE/DEVIATION FROM TECHNICAL SPECIFICATION**

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

S.No.	Main Deviations from Technical Specification.
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Certified that we agree to all the technical specification of the NIT except for the deviation to the extent indicated above.

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

Schedule – VI (B)**JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking****DEPARTURE FROM COMMERCIAL TERMS & CONDITIONS OF THE
SPECIFICATION**

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

S.No.	Main Deviations from Specification.
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Certified that we agree to all the commercial terms & conditions as laid down in General Conditions of Contract to the specification except for the deviation to the extent indicated above.

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

Schedule – VII



JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking

LIST OF PAST SUPPLIES

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

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

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

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

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

ScheduleVII-A**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that M/s _____ have designed, manufactured/ fabricated ,tested and supplied similar item/higher rating of tendered material /equipments in last three financial years from the date of opening of Techno-Commercial bid to the Utilities/ Discoms/ Government Department, as detailed out below:-

S.No.	Financial year in which material supplied	Particulars of items supplied	Name and particulars of purchasing authority	Order No. & date	Unit	Quantity ordered	Value in Rs.	Actual quantity supplied against the order	Value	Remarks
1	2	3	4	5	6	7	8	9	10	11

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.

Signature

Signature of

Name & designation
With seal of the Bidder

C.A. of firm
With seal & Membership No

SCHEDULE-VIII**JAIPUR VIDYUT VITRAN NIGAM LIMITED****DELIVERY SCHEDULE****PART-A**

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

S.No.	Particular of material	Delivery
1	Galvanised M.S.Rod type earthing sets with clamp and G.I. wire	The bidder is required to quote bimonthly delivery. Commencement period shall be 30 days from the date of receipt of purchase order and entire supply shall be completed in eight months at equal bimonthly rate thereafter.

Note :- In case ordered quantity is different than quoted quantity, then delivery shall be adjusted proportionately. Tenders in which bimonthly delivery schedule is not indicated shall be ignored.

PART-B

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

S.No.	Particular of material	Commencement period	Rate of supply bi month	Period for completion of delivery of entire material
	Galvanised M.S.Rod type earthing sets with clamp and G.I. wire			

Note:- (i) During the commencement period, the approval of drawing, B.O.M. and model assembly shall be got completed.

(ii) During the commencement period the contractual formalities shall be got completed.

Signature
Name & Designation
With seal of the bidder

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

List of Equipments and Technical Hands Available with the Firm

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

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

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

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

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

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

TELE FAX : 0141-2208098

**BID DOCUMENT FOR PURCHASE SUPPLY OF GALVANISED M.S.ROD TYPE
EARTHING SET WITH CLAMPS AND WIRE AGAINST TN-4320**

LAST DATE & TIME FOR RECEIPT OF TENDERS : 11.05.2011 upto 2.30 PM

DATE AND TIME OF OPENING OF TENDER : 11.05.2011 at 3.00 PM

COST OF SPECIFICATION : Rs 2500/-

VALIDITY : 120 days from the next date of
Opening of techno commercial bid

EARNEST MONEY : Rs. 5.0 lac (Rupees five lac
only) or Exemption certificate or
vender registration of Class-A or above
category

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

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

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

3. The bidder shall quote the Prices strictly in the manner prescribed in Clause No. 1.09 of Section-I (Instruction to Bidders) & Clause No. 1.33 of Section-II (General Conditions of Contract) in **Schedule-IV** otherwise their bid is liable for rejection. The price quoted should be variable without any ceiling as per IEEMA price variation formula annexed in **Schedule - II**. The **Base date** for price variation shall be **1.4.2011**.

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

- i) **First envelope containing proof of deposition of cost of Bid documents & EMD.** Name of item, bid no., time of bid submission, due date for opening of bid and the word 'Envelope-I & Cost of bid documents and Earnest Money / Valid Registration Certificate under relevant class / A certificate of being a Rajasthan / Central Govt. undertaking' should be clearly written on the front side of the envelope.
- ii) **Second envelope for techno-commercial bid.** Name of item, bid no., time of bid submission, due date for opening of bid and the word 'Envelope – II & Techno-Commercial Bid' should be clearly written on the front side of the envelope.
- iii) **Third envelope for price bid.** Name of item, bid no., time of bid submission, due date for opening of bid and the word 'Envelope – III & Price Bid' should be clearly written on the front side of the envelope.
Note : Envelope III containing price bid will be kept in the safe custody of the concerned engineer / officer. It will be opened at a later date in respect of those bidders whose offers are found / adjudged technically and commercially acceptable. The date of opening of "Price Bid" shall be intimated to successful bidders in due course of time. In case of deviation from the stipulated clauses of bid specifications, price bid of the bidder will not be opened.
- iv) **Fourth envelope containing above three envelopes.** Name of item, bid no., time of bid submission and due date for opening of bid should be clearly written on the front side of the envelope. (All the above envelopes shall be duly sealed individually).
- v) **The bidder shall ensure that bid is furnished / submitted strictly in the manner detailed in the Specification.**

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

5. The bids not accompanied with qualification requirement , technical requirement indicated in the specification and other requirement given here under

will be considered as incomplete offer and sufficient grounds for offer to be passed over:

i) Capacity, capability and competency proofing documents.

a) Capacity /orders of similar and higher rating of tendered equipment booked as on date of bidding with type and rating and construction details of equipment for which order received be indicated.

b) Copy of purchase orders of Erstwhile RSEB /SEB`S / Electric Utilities / Govt. Departments / Discoms for similar or higher rating equipment latest executed.

i) Year wise past experience for last 5 years of similar or higher rating of tendered equipment.

iii) The details of testing facilities available at the works and copies of latest type test certificates, carried out on similar ITEM.

iv) Quality assurance plan.

v) Complete guaranteed technical particulars, out lines and general arrangement drawings along with Bill of Material.

6. Bids without Section-I, II, III & Schedules (I to X) shall be rejected.

7. Bids shall be furnished in single copy.

8. JVVNL has the right to reject any offer on the basis of track record of poor performance in execution of previous order / equipment supplied /after sales service while evaluating the Techno-Commercial bid.

9. JVVNL reserves the right to accept minor deviations in standard terms and conditions and also in technical and constructional features as specified in the technical specification **(Section-III)**.

10. Deviation of any kind shall not be quoted in price bid, if found quoted, the same shall be ignored.

11. The following facilities are to be provided by the supplier at his own cost to the inspecting officer of JVVNL.

i) Suitable accommodation.

ii) Local conveyance between arrival point, place of stay, works and departure point.

iii) The supplier shall assist in arranging return ticket and reservation on the request of the inspecting officer for which the payment shall be made by the inspecting officer. In case of joint inspection, single or shared double room accommodation shall be provided.