


**GENERAL PARTICULARS ABOUT THE TENDER IN BRIEF**

	<b>AJMER VIDYUT VITRAN NIGAM LIMITED</b> <b>OFFICE OF THE SUPERINTENDING ENGINEER (MM)</b> Corporate Identification Number (CIN) – U40109RJ2000SGC016482 Regd. Off. Vidyut Bhawan, Makarwali Road, Panchsheel Nagar, Ajmer 305 004. TEL. 0145-2644529 FAX 0145-2644542. email- <a href="mailto:semmavvnl@gmail.com">semmavvnl@gmail.com</a> . Website – <a href="http://www.avvnl.com">www.avvnl.com</a>
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**TENDER SPECIFICATION NO. AVVNL/SE/MM/E4-A2/TN-1106 FOR SUPPLY OF GALVANISED M.S.ROD TYPE EARTHING SET WITH CLAMPS AND WIRE AGAINST TN-1106**

LAST DATE & TIME FOR DOWN LOADING OF TENDERS	13.02.2017 up to 1:30 PM
LAST DATE & TIME FOR SUBMITTING OF TENDERS	13.02.2017 up to 05:00 PM
DATE OF OPENING OF TENDERS	14.02.2017 at 02.30 PM
COST OF SPECIFICATION	Rs. 2,500.00 (Rs. Two Thousand Five Hundred only)
TENDER PROCESSING FEES	Rs. 1,000.00 (Rs. One Thousand only)
VALIDITY	120 days from the next date of opening of Techno commercial bid.
EARNEST MONEY	Rs. 5,00,000.00 (Rs. Five Lac only) / Exemption Certificate / Vendor Registration of Class “A” Category.
TENDERING QUANTITY	M.S. Rod Type Earthing Sets- 3,50,000 Sets
CONTACT PERSON (AUTHORISED BID SIGNATORY)	Superintending Engineer (MM) AVVNL, Ajmer
CORRESPONDENCE ADDRESS:	Makarwali Road, Panchsheel Nagar, Ajmer
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Address of RISL:-

Raj Comp Info Services Limited (RISL)  
1<sup>st</sup> Floor, Yojana Bhawan, Tilak Marg, C-Scheme,  
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**Note: The bidders in their own interest are advised to go through the complete specification carefully.**

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**Note:-** The bidders, in their own interest, are requested to read very carefully Section-I (Instruction to bidders), Section-II (General Condition of Contract) & Section-III (Technical Specification) before filling the bid. The Bid documents be downloaded from AVVNL website [www.avvnl.com](http://www.avvnl.com) or [www.http://eproc.rajasthan.gov.in](http://eproc.rajasthan.gov.in) and upload the tender on website of RISL [www.http://eproc.rajasthan.gov.in](http://eproc.rajasthan.gov.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 (MM), Ajmer Discom, Ajmer then the copy available with Superintending Engineer (MM.), Ajmer Discom, Ajmer 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-1106****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 bimonthly rate. 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 along with 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 Galvanized 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. 13<sup>th</sup>)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 AVVNL 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 hessian 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) Weightment 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), AVVNL, AJMER

#### **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 01.01.2017, 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-1106.**

S.No.	Name of Item	Tendered qty. in sets	Remark
1	<b>Galvanized MS Rod Type Earthing Sets</b>	3,50,000	
	<b>Total</b>	<b>3,50,000</b>	

**BILL OF MATERIAL**

The bill of material for galvanized M.S. Rod type Earthing set with clamps and wire against TN-1106 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****PRICE & PRICE VARIATION FORMULA**

The bidder shall quote the rates in **Rs. per set**, on variable price basis for items as detailed at **schedule-IV(BOQ)** of the specification. The price variation shall be calculated on the basis of formula detailed below :

$$P = P_o (0.11 + 0.66 (SBIR/ SBIR_0) + 0.23 (W/W_0))$$

where :

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

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

SBIR = Price of Steel Billets-Retail. (refer notes).  
This price is as applicable on the 1st working day of the month, **two** month prior to the date of delivery

SBIR<sub>o</sub> = Price of Steel Billets-Retail (refer notes).  
This price is as applicable on the 1st working day of the month, one month prior to the date of tendering.

W = All India Average Consumer Price Index number for Industrial Workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India. (Base 2001=100).  
This index number is as applicable on the first working day of the month, **four** months prior to the date of delivery.

W<sub>o</sub> = All India Average Consumer Price Index number for Industrial Workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India. (Base 2001=100)

**The base date of price variation shall be 01.01.2017, 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****QUALIFICATION REQUIREMENT**

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

**1.0 STATUS OF BIDDER:-**

- a) The bidder should be a Manufacturer of offered items. The offers from sole selling agent/ authorized dealers shall not be entertained.
- b) Old/ New suppliers:- Any bidder located within or outside the state of Rajasthan has participated for the first time in a particular Discom & meeting minimum qualification requirement and has supplied the tendered material/or of higher rating in other utility shall be treated as an old supplier. Rajasthan's firms although supplied in past but not meeting minimum quantity supplied criterion including altogether new units which have not supplied any quantity but having adequate & required manufacturing and testing facility and technical know-how of the tendered material shall be considered as new firms and would be eligible for trial order only. In case of supply made to the licensed power utility outside India, the C.A. certificate furnished by firm shall be considered.

**2.0 PAST SUPPLY & PERFORMANCE CRITERIA:-**

The bidder shall meet both past supply and performance criteria as detailed below for opening of tenders:-

**2.01 PAST SUPPLY:-**

- 2.01.1 The bidder is required to quote for minimum **10%** of tendered quantity failing which their offer may be considered Non-Responsive.
- 2.01.2 The bidder should have designed, manufactured / fabricated, tested and supplied to utility / Discoms / Govt. Departments at least 2 X QQ (QQ being the quoted quantity) of similar item / higher rating of tendered material / equipment in last 3 financial years from the date of opening of technical-commercial bid.

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

- 2.01.3 In support of fulfillment of the past supply criteria, the bidder shall furnish documentary evidence in the form of certificate from Chartered Accountant in the enclosed prescribed Performa only. This prescribed Performa should be furnished either in original or copy duly attested by Notary. The bidder shall also sign and affix seal on the C.A. Certificate. The certificate should have membership number with the name & address of the chartered accountant. Certificate should clearly indicate the quantity supplied, period of supply, voltage Class, Rating of the Transformer etc. in the format prescribed, any deviation to format or information diverted format, will not be considered and rejected.

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

## 2.02 PERFORMANCE CRITERIA:-

2.02.1 i) If a bidder has supplied up to 50% of ordered quantity in previous tender up to date of opening of subsequent tender and scheduled delivery period expired, the bid of such bidder will not be opened in the Discom for that item.

ii) However, if the supplies have been completed for a quantity more than 50% but not completed up to date of opening of subsequent tender and scheduled delivery period expired, the quantity equal to the quantity pending in previous tender for that item shall be reduced from the subsequent tender quantity to be allocated to the bidder.

## 3.0 POOR RECORD OF PERFORMANCE AND DELIVERY:

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

i) When vendor does not accept order awarded on its accepted price and terms and conditions or does not comply with contractual formalities.	Forfeiture of EMD/cancellation of vendor registration to recover amount of EMD along with Severment of business relations for three years from the date of issue of order.
ii) When vendor complies with contractual formalities but does not commence supplies.	Levy of maximum recovery on account of delay in delivery along with Severment of relations for a period of 2 years from the date of issue of order or in next two bids whichever is later along with forfeiture of EMD / cancellation of vendor registration.

## 4.0 (A) Black listing of a firm:

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

- (i) There are sufficient and strong reasons to believe that the supplier or his employee has been guilty of malpractices such as manhandling/misbehavior with Government official by supplier or his partner/employee, bribery, corruption or abatement of such a offence in a position where he could corrupt Nigam's official, fraud, vitiating fair tender process including substitution of or interpolation in tender, mis-representation, pilfer-aging or unauthorized use or disposal of Nigam's material issued for specific work etc.
- (ii) Where a supplier or his partner or his representative has been convicted by a court of Law for offences involving moral turpitude in relation to the business dealing or where security considerations including suspected disloyalty to the Nigam/state so warrant the blacklisting.
- (iii) If the State Bureau of Investigation or any other authorized investigating agency recommends for blacklisting after completing the investigation.

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

- Note:- 2 A register containing the reasons for blacklisting the supplier as also the names of all the partner of the suppliers and the allied concerns coming within the effective influence of the blacklisted supplier will be maintained.
- Note: - 3 A register of black listed supplier will be maintained which will not only include suppliers enlisted with the Enlisting Authority but also black listed suppliers in Nigam.
- Note :-4 A Black listed supplier (i) shall not be entitled for registration in any of the Discom (ii) shall not be awarded any supply order in future in any Discom during the notified period.(iii) his registration if any shall stand cancelled immediately and his registration security /EMD/S.D. shall stand forfeited. (iv) In case of blacklisting of the firm by any one of Discom for the cogent prescribed reason(s) as stipulated above, the same shall be applicable to all the three Discoms and as a consequence of blacklisting, all the pending orders to that firm, will be cancelled in all three (3) Discoms with immediate effect. However in respect of completed/executed contract G.P. obligations as well as other liabilities shall be fulfilled by the supplier.

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

- (a) After having given Show Cause Notice of 30 days, and having established & cogent reasons for Severment of business relation as given below, the firm should immediately be severed the business relations for a period of 2 to 3 years indicating reasons of doing so, in the letter itself, and a copy of such Severment should be given to the firm, with the approval of CLPC:-
- (i) The supplier continuously refuses to pay Nigam dues without showing adequate reasons and where the purchasing authority is satisfied that no reasonable dispute attracting reference to Settlement Committee or Court of Law exists for the supplier's action of non-supply.
- (ii) When vendor does not accept LOI/detailed purchase order awarded on its accepted prices and terms & conditions or does not comply with the contractual formalities.
- (iii) When vendor/supplier who otherwise completed contractual formalities but does not commence supplies on the date of opening of technical bid of the fresh tender/completion of schedule delivery period whichever is later.
- Note-1**-In case supplier does not deposit outstanding dues towards Nigam, even after completion of Severment period, the period of Severment will continue.

2. Severment done purely/ mainly on account of non-deposition of dues against the supplier/vendor/contractor could be lifted by CLPC, if the dues are deposited prior to the expiry of such Severment period.
3. Severment done by one Discom for non-supply of material and /or corresponding non-recovery of dues will not be effective in other Discoms except in respect of common purchase cases of three Discoms.
4. On Severment of business, the EMD/SD/vendor registration security will be forfeited.
5. The orders in execution satisfactorily will not be cancelled other than the order on which Severment have been done.

**(C) DEBARMENT**

Reasons on which Debarment can be made:-

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

- (ii) If at any subsequent stage of inspection of firms after award of contract, it is found that firm does not have sufficient tech. staff or required/necessary technical equipments, the purchasing authority can debar the firm for one year or next tenders whichever is later. The debarment will be lifted only on re-inspection of firm's works; the defects noticed earlier are fully rectified to the satisfaction of Nigam.
- (iii) When contract agreement executed and supplies commenced but could supply only up to 50% of ordered quantity and scheduled delivery period expired, then the firm can be debarred for one year or next tender whichever is later in that Discom only for that particular item/rating/ capacity/size etc.
- (iv) The suppliers who have been awarded contract for supply of material is not adhering to the periodic delivery schedule, the contract awarding authority reserve the right to terminate the contract and may debar the firm in participating in tender for a period of 2 to 3 years.

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

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

## **5.0 APPEALS AND APPLICATIONS:-**

Appeal against the order of blacklisting, Severment and debarment can be filed before BOD within a period of 3 months from the date of intimation. The letter of appeal will be addressed to the order placing authority. Who will process the case for placing the matter in B.O.D. with in a period 60 days. The BOD may reduce or waive the penalty, if sufficient reasons/supporting documents are furnished by the supplier.

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

- I) The bidder shall clearly indicate the deviations such as 'Technical Deviation & Commercial Deviations' in the prescribed Performa only. The deviations indicated elsewhere in the bid shall not be accepted.
- II) The bidder must clearly fill up each and every particular of guaranteed technical particulars annexed with Technical Specifications otherwise he will be responsible for Technical Non-responsiveness.
- III) All documents required in the prescribed format are to be furnished along with the bid itself only except an attested copy of BIS license (wherever it is required), failing which the bid will be summarily rejected.

**However, a copy of BIS License may be submitted by the bidder up to the official working hours of one working day prior to the schedule / notified date of opening of price bid.**

**SCHEDULE-IV-A**

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

To,

The Superintending Engineer (MM)  
Ajmer Vidyut Vitran Nigam Limited,  
AJMER

Dear Sir,

With reference to your invitation to tender against specification No. AVVNL/SE/MM/ E4-A2/TN-1106, 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	3,50,000			
2	Total	<b>3,50,000</b>			

- The offer is valid for a minimum period of 120 days from the next date of opening of Techno Commercial Bid of the tender.
- The prices are variable with the base date **01.01.2017** as per price variation formula given at schedule -II
- It is noted that the quantities as mentioned in the specification are approximate and we agree to supply any quantity as per your order.
- 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. AVVNL/SE/MM/ E4-A2/TN-1106 and as per relevant ISS in all respect.
- We confirm that we agree to all the terms and conditions as well as the technical stipulations of your specification No. AVVNL/SE/MM/ E4-A2/TN-1106 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-1106**

<b>S.NO.</b>	<b>PARTICULARS</b>		<b>Description</b>
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	:	$\pm 0.5$ 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**

<b>S.No.</b>	<b>Particulars</b>	<b>Unit</b>	<b>Quantity</b>
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)	1 welded 1 bolted
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)****AJMER VIDYUT VITRAN NIGAM LIMITED  
A Govt. of Rajasthan Undertaking****DEPARTURE/DEVIATION FROM TECHNICAL SPECIFICATION**

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

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

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

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

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

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

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

**Schedule – VII**

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

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

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

**Schedule VII-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****AJMER 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 <b>eight months at equal bimonthly rate</b> 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
1	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****AJMER 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 along with 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 along with 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.

THE BILL OF MATERIALS FOR GALVANIZED M.S.ROD TYPE EARTHING SET FOR LT,11 KV & 33 KV LINES			
S.N	DESCRIPTION	UNIT	QTY.
1	M.S.ROD 20 MM OUTSIDE DIA HAVING LENGTH 3 MTR.	NoS.	1
2	M-12 BOLT & NUT	NoS.	2 EACH
3	SPRING WASHER FOR M-12 BOLTS	NoS.	2
4	G.I.WIRE SIZE 8 SWG OF 15 METER LENGTH	NoS.	1
5	50x6 MM M.S.FLAT FOR CLAMP WELDED WITH ROD	NoS.	1
6	50x6 MM M.S.FLAT FOR CLAMP LOOSE / COVERS	NoS.	1