

INDEX

		Remarks
Section-I	Instructions to bidders	For e-Tendering
Section-II	General Conditions of Contract	
Section-III	Technical Specification for G.I. Earth wire	
Schedule-I	Schedule of Requirement	
Schedule-II	Price Variation Formula	
Schedule-III	Details of Standards	
Schedule-III A	Pre Qualification Requirement (PQR)	
Schedule-III B	Performa for Bank Guarantee in lieu of Type Test	
Schedule-IV	BOQ (Price Schedule)	Online
Schedule-IV-A	Details of tendered quantity, quantity offered along with justification with reference to qualification requirement.	The bidder is required to justify quantity offered as per qualifying requirement.
Schedule-V	Departure from Guaranteed Technical Particulars	
Schedule VA	Guaranteed Technical Particulars	
Schedule-VI-A	Departure/deviation from Technical Specification.	
Schedule-VI-B	Departure/deviation from commercial terms & conditions of the specification.	
Schedule-VII	List of past supplies.	
Schedule-VII A	C.A Certificate for quantity justification	
Schedule-VIII	Delivery Schedule	
Schedule-IX	List of equipment & technical hands available with the firm.	

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 can be downloaded from website of Jodhpur Discom www.jdvvnl.com & <http://eproc.rajasthan.gov.in> & www.sppp.rajasthan.gov.in can be uploaded on the website <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 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 (MM&C), Jodhpur Discom, Jodhpur then the copy available with Superintending Engineer (MM&C), Jodhpur Discom, Jodhpur will be considered as final document for all purposes. The scheduled date and time to deposit the cost of Bid document, EMD or Valid Vendor Registration Certificate (if applicable) and furnishing of tender processing fee, be as stated / mentioned in published Notice Inviting Tender / tender document.

JODHPUR VIDYUT VITARAN NIGAM LIMITED
(MATERIAL MANAGEMENT & CONTRACT)
NEW POWER HOUSE, INDUSTRIAL AREA, JODHPUR -342003

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TENDER SPECIFICATION NO. JdVVNL/SE(MM&C)/EIIAI/TN-1326

Tenders are hereby invited in e-procurement system for purchase of **G.S. Wire of Size 6 SWG AND 8 SWG.**

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
1.	G S WIRE OF SIZE 6 SWG (5 mm)	728 MT
2.	G S WIRE OF SIZE 8 SWG (4 mm)	719 MT

A	NIT No.	TN-1326
B	Cost of tender specifications	Rs. 2500.00 (Two Thousand Five Hundred Only)
C	Processing fee of RISL	Rs. 1000.00 (One Thousand Only)
D	Earnest money	Rs. 2.00 Lacs /Exemption Certificate / Vendor Registration of Class A
E	Validity	120 days from the next date of opening of techno- commercial bid
F	Base date for price variation	1st day of one month prior to the date of opening of technical bid.

IMPORTANT DATES

S.N.	Events	Date & Time	Location
1	Date of downloading of tender specifications	Up to 11.07.17 (06:00 PM)	www.jdvvn.com & http://eproc.rajasthan.gov.in & www.sppp.rajasthan.gov.in
2	Deposit of cost of Tender Specifications & Earnest Money and furnishing of Processing fee	Up to 11.07.17 (06:00 PM)	Office of Sr. A.O (Cash & CPC) / SE (MM&C), JdVVNL , New Power House, Industrial Area, Jodhpur
3	Last Date & time of submission of electronic bid	Up to 12.07.17 (12:00 PM)	http://eproc.rajasthan.gov.in
4	Opening of Technical Bid	12.7.2017 (03:00 PM)	http://eproc.rajasthan.gov.in
5.	Opening of Price Bid	To be intimated separately to the qualified bidders	http://eproc.rajasthan.gov.in

SECTION-III**1. SCOPE**

This specification covers design, manufacture, inspection, testing before dispatch & delivery at consignees headquarter of following sizes of hot dip heavily galvanized steel wire, complete in all respect as per GTP/ISS.

- i) Hot dip galvanized steel wire of 550-900 N/mm
Quality confirming to IS-280/1978(latest amended)
in all respect including chemical composition
(Heavily coated Hard quality) of dia 4 mm
- ii) Hot dip galvanized steel wire of 550-900 N/mm
Quality confirming to IS-280/1978(latest amended)
in all respect including chemical composition
(Heavily coated Hard quality) of dia. 5 mm

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 tendered quantity is provisional. However, 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. The purchaser also reserves the right to split the quantity and to entrust the order for the supply on one or more suppliers. The bidder 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 completed in **8 (eight) months** thereafter at equal monthly rate The bidder is required to quote monthly delivery. In case ordered quantity is different than quoted quantity, monthly delivery shall be adjusted proportionately. Tender in which monthly delivery is not indicated likely to be ignored.

5. STANDARDS

- i) The hot dip galvanized steel wire (heavily coated) shall comply with the ISS:280/1978, with latest amendments thereof, if any, corresponding to grade-4, 550-900 N/mm sq. minimum tensile strength quality in all respects, except herein otherwise stated.
- ii) The galvanization coating of galvanized steel wire and technical supply conditions shall conform to IS: 4826/1979 and IS: 6594/1977 or latest amendment thereof if any.
- iii) Goods meeting other authoritative standards which ensure an equal or higher quality than the standards mentioned above will also be accepted.
- iv) The galvanized steel wire shall be capable of withstanding the normal handling necessary for transportation and erection.

6. FINANCIAL RESOURCES AND EXPERIENCE

The bidder shall furnish the details regarding his previous experience in performing similar comparable work, the technical strength and manufacturing facilities available and also financial capability along with the tender. The bidder is also required to furnish the following information:-

- a. Standing of the firm as manufacturer/supplier
- b. Approx. qty., manufacture/supplied so far at his works on monthly basis.
- c. Testing facilities available at his works.

7. WORKMANSHIP

The galvanized steel wire shall be well and clearly drawn to the dimension specified. The wire shall be free from scale, irregularities, imperfections, flaws splits and other defects and shall be uniformly galvanized having smooth and even zinc coating. The requirement for chemical composition of the wires shall conform to those given in IS/7887/1975 as mentioned in the IS:280/1978 or latest amended.

The wire shall be manufactured from steel made by any suitable process(es) as mentioned in IS:2141/2000 & 7887/1975 and shall not contain sulphur and phosphorus exceeding 0.060 percent each.

Each coil of G.S. Wire shall be warranted to contain the joints only as permitted under relevant IS:2141/2000.

8. ISI CERTIFICATION AND TYPE TEST CERTIFICATE

The supplier must hold the license of ISI mark. If supplier does not have ISI mark license at the time of submission of tender documents, the same must 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.

9. QUALITY ASSURANCE PLAN

The supplier shall invariably furnish the following information along-with his offer, failing which his offer shall be liable to be ignored.

- (i) Statement giving list of important raw materials, 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 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 G.S. wire 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.

10. INSPECTION, TESTING & CHECKING:

All the tests and inspection shall be carried out at the works of manufacturer unless otherwise specifically agreed upon by the bidder and purchaser at the time of purchase. The bidder shall provide all reasonable facilities to the inspecting officer(s) without charges.

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

Inspection and acceptance of any material under the specification by the purchaser shall not relieve the bidder from 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 at-least 15 days advance intimation to enable the purchaser to depute his representative for witnessing the acceptance and routine tests.

(A) TEST BEFORE DESPATCH: The G.S wire shall be subject to the following tests as per ISS at manufacturer's works before dispatch:-

ROUTINE TEST/ACCEPTANCE:- The following tests as per relevant standard shall be got conducted in presence of purchaser's representative:-

- i) Tensile and Elongation test
- ii) Adhesion and wrap test
- iii) Zinc uniformity and coating test
- iv) Chemical analysis test
- v) Dimension and weighment checkup of sample coils.
- vi) Lay ratio

(B) SAMPLING PLAN: As per the provisions of IS:280/1978.

(C) TOLERANCE ON TEST RESULTS as per IS:280/1978

- i) Weight of the coil – 40-60 Kg per coil.
- ii) Dia. of wire
- iii) Lay length, wrap test
- iv) Tensile and elongation test
- v) Zinc uniformity and coating test
- vi) Chemical composition test

11. MARKING:

Each coil of wire shall be legibly marked with the physical condition, size of wire, weight, and date of manufacture, trade mark or the name of manufacturer. The material which is inspected and cleared for dispatch shall be sealed with the Nigam's seal.

12. PACKING AND FORWARDING:

The galvanized steel wire shall be supplied in coils. Each coil of G.S. wire shall have single continuous length and shall be suitably bound and fastened compactly and shall weight 40 kgs. to 60 kgs. The coils will be suitably protected by wrapping round by hession cloth / polythene cover to avoid damage in transit and corrosion. Each coil shall be marked as mentioned above.

13. TYPE TEST / TEST CHECKING OF MATERIAL AT STORES:

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

SAMPLING:

One sample out of each lot / sub-lot of 400 Nos. coils or part thereof from each inspected lot received in stores shall be selected subject to maximum 7 samples for test checking of material and shall be got tested at the CTL of JdVVNL. The sample selection shall be done in the presence of supplier or his authorized representative for which advance notice shall be given to the supplier.

TESTS AT CTL

The following tests shall be carried out on the selected samples of G.S. wire as per relevant standards:-

- (a) Uniformity of galvanization test
- (b) Tensile test
- (c) Dimensional check

For witness the test, advance notice to the supplier shall be given by CTL, stating date and time. In case the supplier does not attend for witnessing the testing, the testing shall be proceeded and completed and action shall be taken as per the contract.

The test reports shall be furnished to the purchaser, consignee and supplier.

TYPE TEST ON SAMPLES SELECTED FROM MATERIAL RECEIVED IN STORE FROM 1ST OFFERED LOT

The following tests shall constitute the type test;

- (a) Chemical composition test as per ISS:7887/1992, 2141/2000
- (b) Mechanical properties test as per ISS:2141/2000 Gr.IV
- (c) Galvanization test as per ISS:4826/1979

The first lot offered shall not be less than 10% of the ordered quantity.

If the bidder's has already got conducted the requisite type test from the 1st lot of material received in Nigam's Store against any previous / earlier tender of JdVVNL & such type test reports are valid i.e not older than 5 Years on the date of opening of Techno-Commercial Bid, then the requirement of conducting Mandatory type test on the sample selected from 1st Lot of supply received in Nigam's store is RELAXED. For this purpose date of conducting type test will be considered.

ALTERNATIVELY

In case the bidder do not meet above requirement then one sample of 5 Mtr. Length from the 1st Lot of G.S. wire as received in purchaser's store shall be selected and sealed in presence of representative of supplier for getting it type tested at a Govt. approved / Govt. Recognized / NABL Accredited laboratory / ILAC Accredited. The transportation charges of sample(s) from store to test house shall be borne by Nigam, whereas the charges incurred towards type test of the material at test house shall be borne by the supplier. The testing charges should be remitted through D.D. in favour of Test House. The name of test house shall be intimated separately.

In case sample(s) from first lot fails in type tests then:

- a) Supplier shall have to replace the full quantity of the respective inspected lot supplied to various stores and is lying unused.
- b) For the quantity already utilized against the order in field a deduction of 30% (thirty percent) of F.O.R. destination price of the material supplied shall be made.
- c) Sample(s) from next lot shall be selected again for type test. All test charges incurred towards type test of the material for second time shall be borne by the supplier for which the testing charges should be remitted through D.D. in favour of the Test House by the supplier with the 2nd inspection offer.

In case sample again fails in the type test then:

- a) The quantity supplied / received in stores and lying unused in stores shall stand rejected and shall be lifted back by the supplier.
- b) For the quantity already utilized against the order in field a deduction of 30% (thirty percent) of F.O.R. destination price of the material supplied shall be made.
- c) Further supplies shall not be accepted and order shall stand cancelled.

"At the option of the purchaser, the material received in the stores may be utilized in the field after receipt of successful test reports from CTL for the mandatory test checking on the sample(s) selected from the material received at stores against first lot and subsequent lot(s) in anticipation of successful type test report(s)."

14. CRITERIA FOR ACCEPTANCE OF ABOVE TEST:

The inspected material should be strictly in accordance to the relevant ISS / GTP of the specification, however, the material shall be accepted on the basis of test results found/observed during test at CTL as mentioned below.

(a) For uniformity of galvanization test.

(i) The sample shall be first tested for (n-1) number of dips where n is specified No. of dips of one minute in the contract. If the sample does not pass the uniformity of galvanization test for (n-1) dips, the material shall be rejected and the relevant lot/sub-lot to which the sample pertains shall have to be replaced by the supplier free of cost.

(ii) If the material has passed the uniformity of galvanization test for (n-1) dips then it 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 of Galvanization Test with 'n' then material pertaining to relevant lot/sub-lot shall be accepted with a deduction @ 5% of cost of material

(iii) If the sample(s) have passed the Test with number of dips as specified in the contract (n), then material pertaining to relevant lot/sub-lot shall be accepted.

(b) Tensile test:

If the material fails in tensile test the same shall stands rejected.

(c) Dimensional check:

If the material fails in dimensional check the same shall stands rejected.

15. PRICES & PRICE VARIATION FORMULA

The prices shall be quoted in Rs. per MT on F.O.R. destination basis in the manner detailed in schedule of Prices(Schedule-IV)/BOQ 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 1st day of one month prior to the date of opening of the bid, 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.

16. 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:-

A) If bidder have submitted valid type test reports with bid:

100% payment shall be released after receipt of successful test reports from CTL for the mandatory test checking on the samples selected from the material received at stores against first lot and subsequent lot(s) in anticipation of successful type test reports.

B) If bidder have not submitted valid type test reports with bid:

- i) 70% payment shall be released after receipt of successful test reports from CTL, Jodhpur for the mandatory test checking on the sample(s) selected from the material received at stores against first lot and subsequent lot(s) in anticipation of successful type test reports.
- ii) The balance 30% payment shall be released after receipt of successful type test reports on the samples selected from the material received in the stores.
- iii) The due dates for payment shall be considered from the date of submission of the bills along-with receipted challans to Sr. Accounts Officer (Cash & CPC), JdVVNL, Jodhpur.

17. QUANTITY TOLERANCE

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

18. 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.

19. 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.

20. 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 G.S. WIRE OF SIZE 6 SWG and 8 SWG AGAINST TN-1326.**

S. No.	Name of Item	Tendered Provisional qty. in MT	Remark
1.	G.S. WIRE OF SIZE 6 SWG	728 MT	
2.	G.S. WIRE OF SIZE 8 SWG	719 MT	

The above mentioned quantity is approximate and may increase or decrease as per the requirement of the Nigam.

SCHEDULE-II

PRICE & PRICE VARIATION FORMULA

The bidder shall quote the rates in Rs. per MT, on variable price basis for items as detailed at schedule-III of the specification. The price variation shall be calculated on the basis of formula detailed below:

The base date of price variation shall be 1st day of one month prior to the date of opening of the bid, and shall be governed as per clause No.1.10. of Instructions to bidders.

The prices quoted shall be variable as per following formula without any ceiling:

For steel:

In case of increase/decrease in the cost of 8 mm mild steel wire rod by Rs. 100.00 per MT the price of finished G.S. Wire shall increase/ decrease by Rs. 100/- (Rs. One Hundred) per MT.

For Zinc:

In case of increase/decrease in the cost of Zinc by Rs. 100.00 per MT the price of finished G.S. Wire shall increase/decrease as under:-

- i) GS Wire 4 mm dia (8 SWG) - Rs. 2.80 per MT
- ii) GS Wire 5 mm dia (6 SWG) - Rs. 3.30 per MT

The base price of 8 mm wire rod (EQ Grade) conforming to IS:7887/1975 and EHG zinc used in the manufacture of GS wire as on first day of calendar month, one month prior to the date of opening of tender shall be clearly indicated in the offer. Further variation in steel shall be allowed on the basis of ex-stock yard Jaipur / Ludhiana prices as intimated by Rashtriya Ispat Nigam Ltd., Jaipur / Ludhiana and in zinc on the basis of IEEMA circular.

The base date of mild steel wire rod price of size 8 mm (EQ Grade) as on **1st day of one month prior to the date of opening of the technical bid.**

Note:- The date of delivery (i.e. date of readiness of material) and variable price shall be worked out in accordance to clause 1.10 of Instructions to bidders (Section-I).

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:280/1978: (Latest amended)	Hot dip galvanized steel wire specification
2	IS:2141/2000: (Latest amended)	Hot dip galvanized stay strand-specification
3	IS:4826/1979 (Latest amended)	Hot dipped galvanized coatings on round steel wires
4	IS:6594/1977 (Latest amended)	Technical supply conditions for steel wire ropes and strands
5	IS:7887/1975 (Latest amended)	Mild steel wire rod for general Engineering purposes

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.

SCHEDULE-III (A)

PRE-QUALIFICATION REQUIREMENT

The bidder should fulfill following qualification requirements for successful participating 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 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.

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

2.0 PAST SUPPLY AND PERFORMANCE CRITERIA:

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

2.01 PAST SUPPLY:-

2.01.1 The bidder is required to quote for minimum 10% of tendered quantity failing which their offer may be considered Non-Responsive.

2.01.2 The bidder should have designed, manufactured / fabricated, tested and supplied to utility / Discoms / Govt. Departments at least 2 X QQ (QQ being the quoted quantity) of similar item / higher rating of tendered material / equipment in last 3 financial years from the date of opening of technical-commercial bid.

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

2.01.3 In support of fulfillment of the past supply criteria, the bidder shall furnish documentary evidence in the form of certificate from Chartered Accountant

in the enclosed prescribed proforma only. This prescribed proforma should be furnished either in original or copy duly attested by Notary. The bidder shall also sign and affix seal on the C.A. Certificate. The certificate should have membership number with the name & address of the chartered accountant. Certificate should clearly indicate the quantity supplied, period of supply, voltage Class, Rating of the 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 TYPE TEST CRITERIA

3.0.1 The bidder shall furnish valid and authenticated type test certificate from a Govt. approved/ a Govt. recognized/ NABL accredited laboratory/ ILAC i.e. International Laboratory Accredited laboratory / ILAC i.e International Laboratory Accrediation Corporation (In case of foreign laboratory) of similar rating and design of tendered material.

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 (**If Applicable**) 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 **five** years as on the date of bid opening. For this purpose date of conducting type tests will be considered.

The type test certificates by in house laboratory of bidding firm even if it is a Govt approved/ Govt recognized/ NABL accredited Laboratory / ILAC accredited, shall not be accepted, in case of their own bid. This will not apply if bidding firm is Govt. Company/ Public Sector Undertaking.

3.0.2 The bidder should furnish documentary evidence in support of the laboratory whose type test have been furnished, that the said laboratory

is a Govt/ a Govt. approved/ a Govt. recognized/ NABL accredited laboratory/ ILAC accredited (in case of foreign laboratory)

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

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

3.0.5 However, in following cases the bid of the bidder may be considered meeting the type test criteria if the bidder furnishes an undertaking stating that valid type test certificate from a Govt. approved / Govt. recognized / NABL Accredited laboratory / ILAC Accredited laboratory shall be furnished from first lot received in Nigam store (without asking any delivery extension) along with bank guarantee with the technical bid from a Nationalized / Scheduled Bank in prescribed proforma at Schedule-III C or DD / Pay Order amounting to **value as detailed below** . The initial validity of bank guarantee shall be nine months with claim period of three months in addition

- i) A new Rajasthan based unit who does not possess valid type test reports subject to technically competent.
- ii) Where one or more type test(s) is/ are older than 5 years.
- iii) Where new type test have been added in the specification.
- iv) Where some changes in respect of type test procedure of existing type tests have been introduced in the relevant standard.
- v) Where a new item is being purchased by Nigam for the first time.
- vi) The Rajasthan & outside Rajasthan firm who does not possess valid type test certificates, if type test reports of higher rating are furnished.

Amount of Bank Guarantee in lieu of type test	
For Rajasthan based firms	For Outside Rajasthan based firms
1.25 Lacs	5.0 Lacs

4.0 POOR RECORD OF PERFORMANCE AND DELIVERY:

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

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

5.0 (A) BLACK LISTING OF A FIRM:

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

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

Note.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.

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

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

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

(C) DEBARMENT

Reasons on which Debarment can be made:-

- (i) The competent authority may debar the supplier on account of his performance or other disabilities, if it is no longer considered fit to remain under vendor registration as per his obligation under vendor registration.
- (ii) If at any subsequent stage of inspection of firms after award of contract, it is found that firm does not have sufficient tech. staff or required/necessary technical equipments, the purchasing authority can debar the firm for one year or next tenders whichever is later. The debarment will be lifted only on re-inspection of firm's works; the defects noticed earlier are fully rectified to the satisfaction of Nigam.

- (iii) When contract agreement executed and supplies commenced but could supply only up to 50% of ordered quantity and scheduled delivery period expired, then the firm can be debarred for one year or next tender whichever is later in that Discom only for that particular item/rating/capacity/size etc.
- (iv) The suppliers who have been awarded contract for supply of material is not adhering to the periodic delivery schedule, the contract awarding authority reserve the right to terminate the contract and may debar the firm in participating in tender for a period of 2 to 3 years.

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

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

6.0 APPEALS AND APPLICATIONS:-

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

GENERAL CONDITIONS: - (All Conditions be Duly Signed & Sealed)

- I) **The bidder shall clearly indicate the deviations such as `Technical Deviation & Commercial Deviations' in the prescribed proforma only. The deviations indicated elsewhere in the bid shall not be accepted.**
- II) **The bidder must clearly fill up each and every particular of guaranteed technical particulars annexed with Technical Specifications otherwise he will be responsible for Technical Non-responsiveness.**
- III) **All documents required in the prescribed format are to be furnished along with the bid itself only except an attested copy of BIS license (wherever it is required), failing which the bid will be summarily rejected.**
- IV) **However, a copy of BIS License may be submitted by the bidder up to the official working hours of one working day prior to the schedule / notified date of opening of price bid.**

**Signature of bidder
With stamp
Dated**

Schedule-III-B

BANK GUARANTEE IN LIEU OF FURNISHING OF TYPE TEST CERTIFICATE

(On Rajasthan Non-Judicial Stamp Paper worth Rs. @0.25% of BG amount or Rs. 25,000/-, whichever is less)

To,

The Superintending Engineer (MM&C),
Jodhpur Vidyut Vitran Nigam Limited,
New Power House Premises,
Industrial Area,
Jodhpur-342 003.

Dear Sir,

Whereas Jodhpur Vidyut Vitran Nigam Limited , Jodhpur (hereinafter called the purchaser) has issued a bid 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 or his Nominated officer (s) .

Whereas in accordance with the provision of the specification of the afore-said TN..... , the bidder can deposit a bank guarantee in lieu of the requirement of furnishing the type test certificates.

Whereas M/s (the bidder) have requested us (Name of the Bank) to furnish the bank guarantee in lieu of the type test certificate for an amount equivalent to Rs..... (in words also) only.

Under this Bank Guarantee, we (Name of the Bank) hereby undertake unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to the purchaser on his first demand without whatsoever right of objection on our part and without his first claim to the bidder in the amount not exceeding (amount of guarantee in figures and words).

Payment pursuant to this undertaking will be demanded by the purchaser from the Bank and will be met by the Bank without question in the case in which the bidder , on receipt of the order and / or after the acceptance of this bid, makes default in furnishing the required type test certificates. Also 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 3 months from that date.

No indulgence or grant of time by the purchaser to the bidder without the acknowledgement of the Bank will discharge the liabilities of the Bank under this guarantee.

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

All disputes arising under the said guarantee between the Bank and the bidder or between the bidder and the purchaser pertaining to the guarantee shall be subject to the jurisdiction of Courts only at JODHPUR in Rajasthan.

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

Notwithstanding anything contained herein before, the Bank's liability under this guarantee i.e restricted to Rs..... (Rupees) and the guarantee shall remain in force upto Unless demand or claim in writing is presented on the Bank within three months from that date, the bank shall be released and discharged from all liabilities there under. However, the validity of the bank guarantee shall be extended as and when required by the purchaser.

IN WITNESS WHEREOF the bank has executed these presents the day Month and year.....

Yours faithfully,

(Bankers)
Executants

Witness:

1.

2..

SCHEDULE-IV-A

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

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-1326, we agree to supply the following quantity.

S.No.	Particulars of item	Tendered quantity	Qty. offered	Justification of quantity offered as per qualifying requirement.	Remarks
1	2	3	4	5	6
1	G.S WIRE OF SIZE 6 SWG	728 MT			
2.	G.S WIRE OF SIZE 8 SWG	719 MT			

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 **1st day of one month prior to the date of opening of the bid** 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. JdVVNL/SE/MM&C/ TN-1326 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. JdVVNL/SE/MM&C/ TN-1326 and there are no deviations other than as specified in the Schedule-VI (A&B).

Signature of bidder
With stamp
Dated

SCHEDULE – V

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

SCHEDULE-V-A
(to be filled by the bidder)

**GUARANTEED & OTHER TECHNICAL PARTICULARS OF GALVANISED
STEEL WIRE OF SIZE 4 & 5 MM TO BE SUPPLIED AGAINST TN-1034**

S.No.	Description	Galvanised steel wire	
		4 mm dia.	5 mm dia
1	Manufacturer's name and Address		
2	Place of manufacture (works address)		
3	Standard specification to which the material conform a. For Steel b. For Galvanisation	IS : 280/1978 (with latest amendment) IS : 4826/1979 (with latest amendment)	
4	Size of wire (mm)	4 mm dia.	5 mm dia
5	Ultimate tensile strength of G.S. wire in N/mm sq.	550-900 in N/mm Sq.	
6	Number of dips employed for galvanizing (hot dip galvanised)	3 dips of 1 minute 1 Dip half minute	
7	Weight of zinc coating in gms/M Sq.	260	275
8	Permissible tolerance on diameter of the wire.	Plus minus 2.5 %	
9	Breaking load of wire in KGF.	704.60	1100.96(min.)
10	Packing details indicating bare coil weight	40-60 Kg approx.	
11	Whether material offered shall bear ISI certification mark (if yes give details).	Yes	
12	Any other particulars		

Note: - Except particulars for S.No. 1,2, & 12 which are to be filled in by tenderer as per his information/status, the technical particulars given against S.No. 3 to 11 are to be confirmed by the tenderer. In case he wants to deviate from these, then he should specifically mention those in schedule VI(A&B) i.e. technical deviation from the specification.

Signature of Bidder

Name _____

Designation _____

Common authorized Seal of Bidder

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.
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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)

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.
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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**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. N.	Details of supplied item	Ordered Qty. in M.T.	Order no. & date	Name & details of Purchaser	Qty. Supplied before tender opening	Weather order completed	Remarks
1.	2.	3.	4.	5.	6.	7.	8.

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.

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.N.	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
Name & Designation
With seal of the Bidder

Signature
C.A of Firms
With seal and Membership No.

SCHEDULE-VIII**JODHPUR 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	G.S WIRE OF SIZE 8 SWG	The bidder is required to quote monthly 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 monthly rate thereafter.
2.	G.S WIRE OF SIZE 6 SWG	

Note: - 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.

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 per month	Period for completion of delivery of entire material
1	G.S WIRE OF SIZE 8 SWG			
2.	G.S WIRE OF SIZE 6 SWG			

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

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 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.