

GENERAL PARTICULARS ABOUT THE TENDER IN BRIEF

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

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**TENDER SPECIFICATION NO.JPD/SE/PROC./SPO.II/TN-4327 FOR SUPPLY OF
UNGALVANISED 42' LONG LATTICE STRUCTURE (SUITABLE FOR 33 KV D/C
LINE) WITH 3 NOS. CROSS ARMS (CHANNEL), NUT & BOLTS AGAINST
TN-4327**

LAST DATE & TIME FOR RECEIPT OF TENDERS : 09.05.2011 upto 2.30 PM

DUE DATE & TIME OF OPENING OF TENDER : 09.05.2011 at 3.00 PM

EARNEST MONEY : Rs. 2.0 Lacs (Rupees two
lacs)
or exemption certificate or
vender registration of required
category

COST OF SPECIFICATION : Rs 2500/-

VALIDITY : 120 days from the next date
of opening of Techno-
Commercial Bid

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

SECTION-III

TECHNICAL SPECIFICATION FOR SUPPLY OF UNGALVANISED 42' LONG LATTICE STRUCTURE (SUITABLE FOR 33 KV D/C LINE) WITH 3 NOS. CROSS ARMS (CHANNEL), NUT & BOLTS AGAINST TN-4327.

1. SCOPE

This specification covers manufacturing, fabrication, inspection, testing & delivery of fabricated steel items as a complete package in all respect, as per GTP/Drawings (to be provided by the purchaser to the successful bidder). The steel sections generally used, tentative unit weight & BOM of the item is enclosed at Schedule-I. The final bill of material for the purpose of payment shall be prepared and submitted by the supplier after approval of model assembly by the purchaser.

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 tentative requirement of tendered item(s) is indicated in the Schedule-I (schedule of requirement along with approximate weight).

The quantities mentioned in the schedule of requirement (Schedule-I) are provisional. However, the net quantity shall be determined later-on at the time of finalization of the tender. The purchaser 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 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 8 (eight) months thereafter with 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 :

All materials and equipments shall comply in all respect with the requirements of the latest edition of the relevant Indian Standard Specification(s) except as modified in this specification. Where the relevant ISS is not available, the material / equipment should comply the latest BSS. All the items should be made / fabricated/tested from steel sections conforming to IS:2062 (latest amended).

6. FINANCIAL RESOURCES AND EXPERIENCE

The bidder shall furnish the details regarding his previous experience in performing same or 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. Approximate qty, fabricated so far at his works on monthly basis.
- c. Testing facilities available at his works.

7. MATERIAL:

The Supplier shall make his own arrangement for the procurement of steel sections before commencement of work. The purchaser shall be at liberty to have samples of steel used, tested / checked in any laboratory at his own cost and reject the supply, if it is found below the required standard.

All the material required for fabrication shall be stocked in adequate quantity by the Supplier to ensure the progress of the work is not jeopardized. **No relaxation in the delivery time shall be allowed on the pretext of non- availability or short supply of raw materials.**

8. WORKMANSHIP:

The fabrication shall be done in such a way that there is a good finish of the fabricated structures. The steel structure shall be fabricated accurately adhering to dimensions as per the approved drawings. All the steel sections shall be carefully leveled/ straightened and made true to method which shall not injure the material so that when assembled the adjacent surface are in close contact through out. No rough edges shall be permitted anywhere throughout the work. Holes must be perfectly circular. The tolerance(s) as per drawing/ clause hereunder is permissible. All burrs left by drills or punches shall be removed completely. No bolts holes shall be more than **1.5 mm** bigger than the corresponding bolt diameter.

In general all fabrication work shall conform to provision of IS-802 (part-I) 1978 latest amended. However the details given in this specification shall prevail in specified items. The overlapping of the M.S.Flat on M.S.angle shall be minimum 30 mm.

The holes near the bend lines of absent member, on both sides of bent lines shall be punched/ drilled after bending and relative position of these holes, shall be maintained with the use of proper templates/jigs and fixtures.

Punched holes must be square to the plates and the wall of the holes parallel. The following maximum tolerance of accuracy of punched holes is permissible.

- a) Holes must be perfectly circular and no tolerance in this respect is permissible.
- b) The maximum allowable difference in diameter of the holes on the two sides of plates or angle is 0.8mm i.e. the allowable taper in punched holes should not exceed 0.8 mm on diameter.
- c) Holes must be square with the plates or angles and slant holes will not be permitted.

All burrs left by drills or punches shall be removed completely. Drifting or riming to enlarge defective holes shall not be permitted. Minimum edges distance from the centre of any bolt holes shall not be less than what has been indicated hereunder

Dia of bolts in mm	Min. flange width of section in mm	Min.rolled edge distance in mm	Min. sheared edge distance in mm
16	45	20	23

9. DRAWING & MODEL ASSEMBLY :

3 sets of drawing shall be furnished by the successful bidder based on JVVNL drawing for according approval of the purchaser before commencement as per clause No.1.12.1 of GCC(Section-II).

The Supplier shall offer one set of model assembly (proto type) for the respective structure as per the drawings provided to him for checking/ approval of the purchaser before commencement of supplies. The firm who have already supplied same item under previous TNs as per same drawing/design and specification shall be exempted from approval of model assembly.

In case any deviation is detected, during the process of preparing the model assembly, the Supplier shall intimate the purchaser or his authorized representative at the time of inspection of model assembly. The final bill of material shall be as per approved bill of material.

After inspection and checking of the model assembly, the same shall be type tested for Radiography inspection (X-rays) of welding at any independent NABL Accredited Laboratory or CPRI/Govt. approved lab.

The Supplier shall take-up the mass fabrication of the structure(s) only after the purchaser has approved the model assembly along with bill of material.

Any period taken beyond 30 days for approval of model assembly shall be to bidders account. No extra time shall be allowed in commencement period in getting the prototype approval.

10. MARKING

Each individual structure / section shall carry a code number conforming to component number given to it in the drawing / Bill of material. The code number of approved size shall be stamped with a metal die of 16 mm size on the member and shall be legible. The name of manufacturers in suitable code and the word “**JPD**” & “**TN No**” shall also be stamped / punched on each individual section with metal die of not less than 16 mm size.

If the above marking is not found on the material received in the stores, the receipted challan shall not be given by the concerned stores. The challan shall only be issued after verification of material by the Store officer.

11. INSPECTION, TESTING & CHECKING :

The finished product before acceptance shall be subject to inspection in respect of workmanship, checking of dimension/weight & testing as per requirement of relevant IS:2062 (latest amended), approved drawings and bill of material, at the suppliers works if not supported by test certificates of main producers viz. SAIL/TISCO/RINL. The certificate for type test (chemical composition & mechanical properties test) issued by prime producer(s) shall be furnished along with the inspection call to the SE(Proc.), otherwise testing shall be arranged at independent Lab on the cost of supplier. The certificate and relevant invoices shall be in the name of the firm on whom the order is placed by the Nigam. **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 certificate(s) in the name of other parties/ sources shall not be accepted and in such cases the tests for chemical and mechanical properties shall have to be arranged in the presence of inspecting officer(s) at recognized lab.

The supplier shall present the latest Calibration Certificate(s) of testing instruments/ equipments to be used for the testing of the material covered in the purchase order to the authorized inspecting officer/inspecting agency of the purchaser. The testing instruments/ meters/ apparatus etc. should be got calibrated by the supplier from time to time from independent test laboratory/ house having valid accreditation from National/ Accreditation Board for testing and calibrating laboratories for testing equipments/ original manufacturer having trace ability to NABL/NPL or equivalent.

The calibration certificate(s) should not in any case be older than one year at the time of presenting the same to the inspecting officer/inspecting agency of the purchaser. The testing instruments/equipments should be duly sealed by the Calibrating agency and be indicated in the calibration certificate(s).

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

- (a) Suitable accommodation.
- (b) Local conveyance between arrival point, place of stay, works and departure point.
- (c) The supplier shall assist in arranging return ticket and reservation on the request of the inspecting officer for which the payment shall be made by the

inspecting officer. In case of joint inspection, single or shared double room accommodation shall be provided.

12. TESTS

Test before dispatch:-

The various steel section/structure before dispatch shall be subject to following test as per IS:2062(latest amendment) at the manufacturer's works
Routine test/acceptance test

- (i) Visual inspection and checking of Dimension
- (ii) Weight checking
- (iii) Chemical composition test
- (iv) Mechanical property test
- (v) Checking of welding

13. SAMPLING:

The inspection shall be carried out on each lot separately. The following number of pieces selected at random shall be subject to inspection/ testing and checking.

- a) Workmanship and dimension checking : 3 % samples from finished item.
- b) Chemical test : One sample of each steel section from the entire lot of material offered for inspection.
- c) Tensile test : One sample of each steel section from every 50 MT or Part thereof.
- d) Bend test : One sample of each steel section from every 50 MT or Part thereof.

14. TOLERANCE IN DIMENSIONS :

The tolerance(s) shall be permissible as per IS: 1852-1985 (latest amended). Further the following tolerance(s) on fabricated items will also be allowed.

- i) Tolerance in over all length $\pm 3\text{mm}$
- ii) Tolerance in edge dimensions (centre of hole to end) $\pm 2\text{mm}$
- iii) Tolerance in hole centre $\pm 2\text{mm}$
- iv) Circular holes No tolerance
- v) Weight Tolerance +2% to (-) 4%

15. GUARANTEED TECHNICAL PARTICULARS :

The bidder shall furnish the guaranteed technical particulars of the material as required in the schedule-V by mentioning specific figures therein. Any item of the GTP left unfilled or simply written as per ISS etc. shall be considered as incomplete GTP and such tender is liable to be rejected.

16. PACKING AND FORWARDING

The finished items complete in all respect dully inspected and cleared for dispatch, shall have to be delivered in Nigam's stores located anywhere in Jaipur Discom by Road. Unloading of material at store(s) is Suppliers responsibility.

17. CRITERIA FOR ACCEPTANCE

The inspected material should be strictly in accordance to the GTP of the specification otherwise the material shall be treated as rejected and shall not be accepted.

18. PRICES AND PRICE VARIATION

The prices shall be quoted on F.O.R. destination basis in Rs. per MT indicating ex-works price, Excise duty, CST/VAT, F&I and Entry tax etc. The bidder shall quote the prices in **Schedule-IV** strictly in the manner prescribed in Clause No. 1.09 of section-I (Instructions to bidders) and Clause No.1.33 of section-II (G.C.C).

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

19. WEIGHT

The weight of structure shall mean the weight of structures calculated by using standard sectional weights of all steel structural members of the sizes indicated in the fabrication drawings and/or subsequently revised drawings and bill of material without taking into consideration the reduction in weight due to drilling of bolt-holes, skew cuts, chamfering etc. or the increase in weight due to galvanization.

The material shall be acceptable if found within permissible tolerance limit i.e. +2% and (-) 4%.

20. PAYMENT

Payment for the supplied material shall be made as per the actual weight or weight as per BOM whichever is less. No payment shall be made for excess weight, but in case the weight is observed within permissible negative tolerance, the payment shall be made on actual weight basis, verified by consignee(s) in the store, accordingly.

Payment shall be governed in accordance with the clause No.1.42 of GCC.

21. QUANTITY TOLERANCE

A quantity tolerance of $\pm 2\%$ (plus minus two percent) shall be allowed on ordered quantity for completion of supply.

22. 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) " .

23. 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.

24. 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.

Any item not covered under the above technical specification shall be governed as per section-II (GCC).

SCHEDULE-I

SCHEDULE OF REQUIREMENT FOR 33 KV (D/C) LATTICE STRUCTURE (42' LONG) UN-GALVANISED WITH 3 NOS. CROSS ARM (CHANNEL) AND NUT & BOLTS UNDER TN-4327.

S.No.	Type of structure	Unit wt. in MT.	Provisional qty. in Nos/ sets	Total wt. in MT	Generally section invoice
1	33 KV (D/C) Lattice Structure(42' long)	0.508060	3159	1604.96	M.S.Angle 65x65x6 mm 75x75x6 mm 50x50x6 mm M.S.Flat 50x6 mm 50x10 mm
2	33 KV Cross Arm (Channel)	0.022179	9477	210.19	Channel 100x50 mm
3	M.S.Nuts & Bolts (M16x45N)	0.000133	151632	20.17	
	Total weight			1835.32	

SCHEDULE-II

PRICE & PRICE VARIATION FORMULA

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

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

where :

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

Po= Ex-works price quoted/confirmed

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

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

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

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

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

SCHEDULE-III

DETAILS OF APPLICABLE STANDARDS / SPECIFICATION/ MANUALS :

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

S.No.	IS No.	Particulars
1	IS:2062: (Latest amended)	Quality of material and Method of testing
2	IS:1852/1973 (Latest amended)	Rolling & cutting Tolerance

All materials and sections 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. All the item should be made/ fabricated from steel sections conforming to IS:2062 / 1999 (latest amended). Rolling and cutting tolerances for hot rolled steel products shall be governed as per IS:1852 / 1985 (latest amended).

SCHEDULE-III (A)

PRE-QUALIFICATION REQUIREMENT

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

1.0 STATUS OF BIDDER:

a) The bidder should be manufacturer of offered item. The offers from authorized dealer/ sole selling agent/sole distributor shall not be entertained.

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

2.0 PAST SUPPLY AND PERFORMANCE CRITERIA:

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

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

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

- c) The bidder shall furnish documentary evidence in the form of certificate from C.A. in the prescribed proforma only. This prescribed proforma should be either in original or copy duly attested by the Notary. The bidder shall also sign and affix seal on the prescribed format C.A. Certificate. The certificate should have membership number with the name and address of the chartered accountant. Certificate should clearly indicate the quantity supplied, period of supply in the

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

3. PERFORMANCE CRITERIA

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

4. POOR RECORD OF PERFORMANCE AND DELIVERY

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

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

5. BLACK LISTING

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

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

where security considerations including suspected disloyalty to the Nigam so warrant.

- iv) If a registered supplier being non-renderer for supply but still submits applications giving his offer after receipt/opening of tenders received after due process.

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

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

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

6. GENERAL

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

Signature of bidder
With stamp

SCHEDULE-IV**JAIPUR VIDYUT VITRAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking
SCHEDULE OF PRICES**

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

The Superintending Engineer (Proc. /MM)

_____Vidyut Vitran Nigam Limited _____

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

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

Notes:-

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

Signature of bidder with rubber stamp

SCHEDULE-IV-A

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

To,

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

Dear Sir,

With reference to your invitation to tender against specification No. JPD/SE/Proc./ TN-4327 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
	Ungalvanised 42' long Lattice structure (suitable for 33 KV D/C line) with 3 nos. Cross arms (channel) and nut & bolts	3159 sets			

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 base date as on 1.4.2011.
3. It is noted that the quantities as mentioned in the specification are approximate and we agree to supply any quantity as per your order.
4. The delivery shall strictly be in accordance with delivery clause. In case we fail to deliver the material, we are liable to pay recovery for delay in delivery as per clause No. 1.24 of this Section-II of this specification.
The material shall conform to your specification No. JPD/SE/Proc./TN-4327 and as per relevant ISS in all respect.
5. We confirm that we agree to all the terms and conditions as well as the technical stipulations of your specification No. JPD/SE/Proc./TN TN-4327 and there are no deviations other than as specified in the Schedule-VI (A&B).

Signature of bidder
With stamp
Dated

SCHEDULE-V
(to be filled by the bidder)

GUARANTEED & OTHER TECHNICAL PARTICULARS FOR UNGALVANISED 42' LONG LATTICE STRUCTURE (SUITABLE FOR 33 KV D/C LINE) WITH 3 NOS. CROSS ARMS (CHANNEL) AND NUT & BOLTS

A. GENERAL :

1. Name of firm :
2. Address for correspondence :
3. Address of Works :

B. STANDARDS & SPECIFICATION :

1. Dimension : As per approved drawing.
2. Testing
 - a) Steel : As per IS:2062 (Latest amended). If not supported by test certificate of prime producers.

C. TOLERANCE :

- a) Steel : As per IS:1852-1973(Latest amended)
- b) Length : +/- 3 mm
- c) Edge dimensions : +/- 2 mm
- d) Hole centre : +/- 2 mm
- e) Weight tolerance : +2% to (-) 4%

D) GUARANTEED WEIGHT OF STRUCTURE : As per BOM

E) Properties of steel (for class `A')

(a) Chemical composition.

- | | |
|--------------------------|------|
| (i) Carbon % (Max.) | 0.23 |
| (ii) Manganese % (Max.) | 1.50 |
| (iii) Sulphur % (Max.) | 0.05 |
| (iv) Phosphorus % (Max.) | 0.05 |
| (v) Silicon % (Max.) | 0.40 |
| (vi) C.E. % (Max.) | 0.42 |

(b) Mechanical Properties :

- | | |
|----------------|-----|
| UTS(Mpa) Min. | 410 |
| Y.S.(Mpa) Min. | 240 |
| EI (%) Min. | 23 |

Signature of Bidder

Name _____
Designation _____
Common authorized seal of Bidder



JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking

DEPARTURE/DEVIATION FROM TECHNICAL SPECIFICATION

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

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

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



JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking

**DEPARTURE FROM COMMERCIAL TERMS & CONDITIONS OF THE
SPECIFICATION**

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

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

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

Schedule – VII



JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking

LIST OF PAST SUPPLIES

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

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

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

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

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

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

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

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

The above particulars are true and correct based on explanations, records and books of accounts produced before us. Further the above certificate issued on the request of the Company.

Signature

Signature of

Name & designation
With seal of the Bidder

C.A. of firm
With seal & Membership No

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

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

S.No.	Particular of material	Delivery
	UNGALVANISED 42' LONG LATTICE STRUCTURE (SUITABLE FOR 33 KV D/C LINE) WITH 3 NOS. CROSS ARMS (CHANNEL) AND NUT & BOLTS	The bidder is required to quote bimonthly delivery. Commencement period shall be 30 days from the date of receipt of purchase order and entire supply shall be completed in eight months at bimonthly rate thereafter.

Note :- In case ordered quantity is different than quoted quantity, then bimonthly 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 bi month	Period for completion of delivery of entire material
	UNGALVANISED 42' LONG LATTICE STRUCTURE (SUITABLE FOR 33 KV D/C LINE) WITH 3 NOS. CROSS ARMS (CHANNEL) AND NUT & BOLTS			

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

Signature
Name & Designation
With seal of the bidder

Schedule – IX



JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking

List of Equipments and Technical Hands Available with the Firm
(To be filled in by the bidders & enclosed with the bid)

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

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

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

Schedule – X



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

TELEFAX : 0141 - 2208098

BID DOCUMENT FOR PURCHASE OF UNGALVANISED 42' LONG LATTICE STRUCTURE (SUITABLE FOR 33 KV D/C LINE) WITH 3 NOS. CROSS ARMS (CHANNEL) AND NUT & BOLTS AGAINST TN-4327

LAST DATE & TIME FOR RECEIPT OF TENDERS	:	09.05.2011 upto 2.30 PM
DUE DATE & TIME OF OPENING OF TENDER	:	09.05.2011 at 3.00 PM
EARNEST MONEY	:	Rs. 2.0 Lacs (Rupees two lacs) or exemption certificate or vender registration of required category
COST OF SPECIFICATION	:	Rs 2500/-
VALIDITY	:	120 days from the next date of opening of Techno-Commercial Bid

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

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

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

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

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

- i) **First envelope containing proof of deposition of cost of Bid documents & EMD. Name of item, bid no., time of bid submission, due date for opening of bid and the word ‘Envelope-I & Cost of bid documents and Earnest Money / Valid Registration Certificate under relevant class / A certificate of being a Rajasthan / Central Govt. undertaking’ should be clearly written on the front side of the envelope.**
- ii) **Second envelope for techno-commercial bid. Name of item, bid no., time of bid submission, due date for opening of bid and the word ‘Envelope – II & Techno-Commercial Bid’ should be clearly written on the front side of the envelope.**
- iii) **Third envelope for price bid. Name of item, bid no., time of bid submission, due date for opening of bid and the word ‘Envelope – III & Price Bid’ should be clearly written on the front side of the envelope.**

Note : Envelope III containing price bid will be kept in the safe custody of the concerned engineer / officer. It will be opened at a later date in respect of those bidders whose offers are found / adjudged technically and commercially acceptable. The date of opening of “Price Bid” shall be intimated to successful bidders in due course of time. In case of deviation from the stipulated clauses of bid specifications, price bid of the bidder will not be opened.

- iv) **Fourth envelope containing above three envelopes. Name of item, bid no., time of bid submission and due date for opening of bid should be clearly written on the front side of the envelope. (All the above envelopes shall be duly sealed individually).**
- v) **The bidder shall ensure that bid is furnished / submitted strictly in the manner detailed in the Specification.**

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

5. The bids not accompanied with qualification requirement , technical requirement indicated in the specification and other requirement given here under will be considered as incomplete offer and sufficient grounds for offer to be passed over:

- i) Capacity, capability and competency proofing documents.
 - a) Capacity /orders of similar and higher rating of tendered equipment booked as on date of bidding with type and rating and construction details of equipment for which order received be indicated.
 - b) Copy of purchase orders of Erstwhile RSEB /SEB`S / Electric Utilities / Govt. Departments / Discoms for similar or higher rating equipment latest executed.
- i) Year wise past experience for last 5 years of similar or higher rating of tendered equipment.
- iii) The details of testing facilities available at the works and copies of latest type test certificates, carried out on similar ITEM.
- iv) Quality assurance plan.
- v) Complete guaranteed technical particulars, out lines and general arrangement drawings along with Bill of Material.

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

7. Bids shall be furnished in single copy.

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

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

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

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

- i) Suitable accommodation.
- i. Local conveyance between arrival point, place of stay, works and departure point.
- ii. The supplier shall assist in arranging return ticket and reservation on the request of the inspecting officer for which the payment shall be made by the inspecting officer. In case of joint inspection, single or shared double room accommodation shall be provided.