

SCHEDULE-I**SCHEDULE OF REQUIREMENT**

S.No.	Particulars	Qty in Sets
1	Hardware fittings for <u>11KV 45 KN Disc Insulator Tongue & Clevis type</u> having clevis ended aluminium alloy clamp suitable for ACSR conductor (7/2.59 mm weasel) and upto 7/3.35 mm (Rabbit). The ultimate strength of clamps shall not be less than 3000 Kgs. The fittings shall conform to IS:2486 /Pt.II/IS:2486/ Part.IV with the latest amendments thereof and drawing attached.	11,19,000
2	Tension hardware fittings suitable for <u>11KV, 45 KN Disc Insulator Ball & Socket type</u> comprising of four pieces, having special, envelops type aluminium alloy clamp, suitable for ACSR conductor having diameter 12.27 mm to 14.15 mm. The ultimate strength of clamps shall not be less than 4500 Kgs. The fittings shall conform to IS:2486/Pt.I/ IS:2486/Part.II/1984 and 1971 and IS:2486/Part.III/1976, IS:2486/Part.IV/1981 with the latest amendments thereof and drawing attached	1,40,000
3	<u>Bolted type single tension clamp suitable for ACSR panther conductor & linked with 120KN Disc Insulator</u> and conforming to IS:2426, other particulars as per schedule and consisting of :- i) Ball Eye ii) socket clevis iii) Tension clamp without arcing horn iv) Anchor shackle	15,000

The requirement as indicated above is tentative and can be increased or decreased at the time of placing of the order.

SCHEDULE-II**IEEMA/PVC/TL-A&H/2001(R-1)****Effective from 1st sept.2008****PRICE VARIATION CLAUSE FOR TRANSMISSION LINE ACCESSORIES AND HARDWARES.**

CONTAINING:(A) BOTH ALUMINIUM & STEEL (B) ONLY ALUMINIUM
(C) ONLY STEEL

The price quoted/confirmed is based on the input cost of raw materials/components and labour cost as on the date of quotation and the same is deemed to be related to the prices of raw materials and all India average Consumer Price Index Number for Industrial Workers as specified in the price variation clause given below. In case of any variation in these prices and index numbers, the prices payable shall be subject to adjustment, up or down in accordance with the following formula:

(A) Transmission line accessories & hardware containing both **aluminium & steel**

$$P = \frac{P_o}{100} (20+40 \frac{Al}{Al_o} + 5 \frac{Zn}{Zn_o} + 20 \frac{LA}{LA_o} + 15 \frac{W}{W_o})$$

(B) Transmission line accessories and hardware containing only **aluminium** :

$$P = \frac{P_o}{100} (20+65 \frac{Al}{Al_o} + 15 \frac{W}{W_o})$$

(C) Transmission line accessories and hardware containing only **steel**:

$$P = \frac{P_o}{100} (20+58 \frac{LA}{LA_o} + 7 \frac{Zn}{Zn_o} + 15 \frac{W}{W_o})$$

Wherein :

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

P_o = Price quoted/confirmed.

Al_o = Price of EC grade aluminium ingots (refer notes) .

Zn_o = Price of electrolytic high grade zinc (refer notes).

LAo = Price of Lighter angles (refer notes).

Wo = All India Average Consumer Price Index number for Industrial Workers, as published by the Labour Bureau, Ministry of Labour, Govt. of India. (Base 2001=100)

The above prices and indices are as published by IEEMA vide Circular reference NO. IEEMA (PVC)/ TLA&H (R-1) / _ / _ of the Month of **Feb, 2011**.

Al = Price of EC grade aluminium ingots. (refer notes).

This price is as applicable on the 1st working day of the month, **two** month prior to the date of delivery.

Zn = Price of electrolytic high grade zinc. (refer notes).

This price is as applicable on the 1st working day of the month, **two** month prior to the date of delivery.

LA = Price of Lighter angles. (refer notes).

This price is as applicable on the 1st working day of the month, **two** month prior to the date of delivery

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

This index number is as applicable on the first working day of the month, **four** months prior to the date of delivery.

For example, if the date of delivery falls in July,2009, the applicable price of Aluminum (Al) ,Zinc (Zn) and Lighter angle (LA) should be for the month May,09 and all India average consumer price index number (W) should be for the month of March,2009 .

The date of delivery (i.e. date of readiness of material) is to be considered as per clause No. 1.10 of Section-I(Instructions to bidder).

**JAIPUR VIDYUT VITRAN NIGAM LIMITED****A Govt. of Rajasthan Undertaking****Prescribed technical specification for supply of**

(Name of Material/Equipment/Machinery/T&P etc.)

HARDWARE FITTINGS FOR 11KV ,45 KN DISC INSULATOR `T&C' & 'B&S' TYPE

S.No.	Technical specification to which material/equipment/ Machinery/T&P shall confirm	Name of IS/other standard specification to which material should confirm	Other particulars if any.
1.	H/w fittings for 11 KV disc insulators	ISS:2486 (Part.I/1993), ISS:2486 (Part.II) 1989, ISS:2486 Part.III / 1974 ISS:2486(Part. IV), 1981	
2.	Small fittings like spring washers, nuts etc. may be electro plated with zinc	IS:1573:1970 Grade-4	
3.	All fittings except strain clamp shall be made of drop forged or upset forged steel	IS-2004/1978	
4.	The strain clamp for aluminium AAC and ACSR Conductor shall be high strength Aluminium alloy	IS 6051/1970	
5.	The split pin to be used on the cotter pin shall be of phosphors -bronze	IS-7814/1975	
6.	Stainless steel	IS-5522/1992	
7.	Brass	IS-410/1977	
8.	The aluminium alloy of the clamp	A-6 of IS:617	
9.	All nuts shall be made of material	IS:1367:1967 (Class-V)	
10.	Cotter pins shall be made of forged steel	ISS:2004:1962(cl.2) ISS:2004:1978.	
11.	For galvanising, zinc	Grade Zn-98 of IS:209/1966 IS 209/1979	
12.	The uniformity of zinc coating of hot dipped galvanised parts	IS:2633:1972 with latest amendments thereof, if any	

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

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

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

JAIPUR VIDYUT VITRAN NIGAM LIMITED
A Govt. of Rajasthan Undertaking
Prescribed technical specification for supply of

(Name of Material/Equipment/Machinery/T&P etc.)

HARDWARE FITTINGS FOR 120 KN DISC INSULATOR 'B&S' TYPE

S.No.	Technical specification to which material/equipment/Machinery/T&P shall confirm	Name of IS/other standard specification to which material should confirm	Other particulars if any.
1.	H/w fittings for 120 KN disc insulators	ISS:2486 (Part.I/1993), ISS:2486 (Part.II/ 1989), ISS:2486(Part. IV), 1981	
2.	All nuts shall be made of material conforming to	clause 4.8 of IS:1367/1967 (first revision)	
3.	Cotter pins should be made of forged steel conforming to	clause 2 of IS:2004/1970 (first revision) with latest amendments	
4.	All ferrous parts shall be hot dip galvanised electro galvanised ferrous fittings shall be in accordance with	IS:1573/1970 (first revision).	
5.	The H/w fittings are required to be used with Disc Insulators string units containing insulators of type-B	clause-5 "Classification" of IS:731/1971	
6.	ACSR Panther conductor	IS:398/pt.II/1976.	
7.	The security clips shall be of phosphor bronze conforming to	IS: 1385/1968	
8.	Brass of suitable temper with minimum hardness of 100 HV conforming to	IS: 410-1967 (second revision) with latest amendments	
9.	For galvanising, zinc	Grade Zn-98 of IS:209/1966 IS 209/1979	

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

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

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

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

The bidder should fulfill following qualification requirements for successful participating in the bid 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 bid 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 shall meet both past supply and performance criteria as detailed below for opening of bids.

a) The bidder is required to quote for minimum 10% of bid 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 bid material / equipment in last three financial years from the date of opening of technical- commercial bid. **Material supplied under Turnkey Projects 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 certificates shall be reduced to 25% for Rajasthan based units.

In support of fulfillment of the past supply criteria, 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 for information diverted format will not be considered & rejected.

3. PERFORMANCE CRITERIA

(i) If a bidder could supply upto 50% of ordered quantity in previous bid upto date of opening of subsequent bid 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 bid and scheduled delivery period expired, then quantity equal to the quantity pending in previous bid for that item shall be reduced from the subsequent bid quantity to be allocated to the bidder.

iii) If a bidder doesn't fulfill G.P. failed contractual obligations in previous bid(s), then quantity equal to the G.P. failed quantity pending for repair/ replacement shall be reduced from the subsequent new bid quantity for fresh item to be allocated to the bidder. This action will be in addition to the penal provisions applicable in respective bids where supply is incomplete.

4. TYPE TEST CRITERIA:-

a) The bidder shall furnish valid and authenticated type test certificates from a Govt. approved/ a Govt. recognized/ NABL accredited laboratory/ ILAC i.e. International Laboratory Accredited laboratory / ILAC i.e International Laboratory Accrediation Cooperation (In case of foreign laboratory). Such type test certificates should not be older than three years as on the date of bid opening. For this purpose date of conduction Type Test(s) will be considered.

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

c) 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)

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

e) 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.

f) However, in the following cases the bid of the bid may be considered meeting the type test criteria if the bidder furnishes an undertaking stating that valid type test certificates from a Govt/ a Govt. approved/ a Govt. recognized/ NABL accredited laboratory/ ILAC accredited shall be furnished from first lot (without asking for any

delivery extension) along with Bank Gurantee, with the technical bid from a Nationalized/ Scheduled Bank in prescribed proforma at Schedule-III B or DD/ Pay order amounting **Rs. 5.00 Lac.** The initial validity of BG shall be 9 months with claim period of 3 months in addition

- i) Where a new Rajasthan based firm is participating & is technically competent.
- ii) Where one or more type test(s) is/ are older than 3 years.
- iii) Where Rajasthan/outside Rajasthan firm furnishes requisite type test reports of higher rating material

5. 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.

(i) 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.
ii) 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 bids whichever is later alongwith forfeiture of EMD/cancellation of vendor registration.

5. BLACK LISTING

Bids of the firms black listed shall not be opened. Bids are liable for black listing for 5 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 bids, pilfering or unauthorized use or disposal of Nigam's material 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 bid received after due process.

Note:-

- 1. If a supplier after having bid for a work/ supply or after negotiations acceptance of order gives applications voluntarily vitiating the fair bid process, it shall also tantamount to malpractice.**
- 2. Severment one 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.

APPEALS AND APPLICATIONS:

Appeal against the order of blacklisting, debarment and severment can be filed before BOD. The BOD may reduce or wave 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 Specification 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 summarily rejected.

However, copy of BIS license may be submitted by the bidder upto the official working hours of one working day prior to the scheduled/ notified date of opening of price bids.

Schedule-III-B**BANK GUARANTEE IN LIEU OF FURNISHING OF TYPE TEST CERTIFICATE**

(On Rajasthan Non-Judicial Stamp Paper worth Rs. 100/-)

To,

The Superintending Engineer(Proc.),
Jaipur Vidyut Vitran Nigam Limited,
Old Power House Premises,
Near Ram Mandir, Bani Park,
Jaipur

Dear Sir,

Whereas Jaipur Vidyut Vitran Nigam Limited, Jaipur (hereinafter called the Purchaser) has issued a bid enquiry under TN_____for procurement of _____(name of material).

Whereas M/s _____(hereinafter called the bid) has furnished a bid for supply of _____to the Superintending Engineer(Proc.), Jaipur Vidyut Vitran Nigam Limited.

Whereas in accordance with the provision of the specification of the aforesaid TN_____, the bidder can deposit a bank guarantee in lieu of the requirement of furnishing the 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 bid, 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 bid, on receipt of the order and/or after the acceptance of this bid, makes default in furnishing the required type test certificates as to whether the occasion or ground has arisen for such demand the decision of the Superintending Engineer(Proc.), Jaipur 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 bid 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 bid.

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

The Bank further undertake not to revoke this guarantee during its currency except with the previous consent of the Superintending Engineer(Proc.), Jaipur Vidyut Vitran Nigam Limited,Jaipur.

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 within three months from that date, the Bank shall be released and discharged from all liabilities thereunder. 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)
EXECUTANT

Witnesses:

1.

2.

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

Notes:-

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

Signature of bidder with rubber stamp

Schedule-IV `A`**Must be filled in by the bidder and attached with Technical Bid (Part-I)**

To,

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

Dear Sir,

With reference to your invitation to bid against specification No.JPD/SE/Proc/TN-4310, we agree to supply the following quantity :

S. No.	Particulars of Items	Bid Quantity (in sets)	Qty. Offered	Justification of quantity offered as per Qualifying Requirement	Status of Type Test Certificates.
1.	2.	3.	4.	5.	6.
1	H/w fittings for 11 KV 45 KN Disc Insulator "T&C" type	11,19,000			
2	H/w fittings for 11 KV 45 KN Disc Insulator "B&S" type	1,40,000			
3	H/w fittings for 120 KN Disc Insulator "B&S" type	15,000			

1. The offer is valid for a period of 120 days from the date of opening Techno commercial bid.
2. The prices are variable as per P.V. Formula given at Schedule-II.
3. It is noted that the quantity as mentioned in the specification are approximate and we agree to supply any quantity as per your requirement.
4. The delivery shall strictly be in accordance with our delivery schedule as given in Schedule-VIII of this specification. In case we fail to deliver the materials as indicated in the clause No.1.23 of GCC (Section-II), we are liable to pay recovery for delay in delivery as per clause No.1.24 of this Schedule-II of this specification. The material shall conform to your specification No.JPD/SE/Proc/ TN-4310 and as per relevant ISS in all respect.
5. We conform that we agree to all the terms & conditions as well as the technical stipulation of your specification No.JPD/SE/Proc/TN-4310 and there are no deviations other than as specified in the Schedule-VI (A & B).

Yours faithfully,

**Signature of bidder with stamp
Dated.**



Schedule – V

JAIPUR VIDYUT VITRAN NIGAM LIMITED

A Govt. of Rajasthan Undertaking

Statement of guaranteed technical particulars and other performance data for supply of (Name of material) against specification no.....

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

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

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

(Signature)

Name & Designation
with seal of the bidder.

SCHEDULE-V-A(i)**GUARANTEED TECHNICAL AND OTHER PARTICULARS OF
H/W FITTINGS FOR 11KV 45KN DISC INSULATORS `T&C' TYPE**

S. No.	Description	Particulars
1. i)	Manufacturer's name and address.	
ii)	Place of manufacture.	
2.	Standard specification to which	
i)	Hardware fittings shall confirm.	ISS:2486/Pt.I/1993, 2486/Pt. II/1989, IS:1971 & IS:2486 Pt. III/1976 IS:2486 Part.IV/1981 with latest amendments.
ii)	Galvanisation shall confirm.	IS:2633/1972
iii)	Dimension shall confirm.	Fig. 26 of IS:2486/ Part.II/1974 and as per approved drawings.
3.	Breaking strength of the clamp.	3000Kgs
4.	Slipping strength of the clamp.	90% of UTS of conductor.
5.	Material for	
a)	Dead end straps	MS hot dip galvanised.
b)	Strain bolts	MS hot dip galvanised
	Hexogonal nut	MS hot dip galvanised
c)	Spring washer	Spring steel electro plating
d)	Flat washer	Mild steel electro plating.
e)	Cotter pin	MS(Forged)hotdip galvanised
f)	Clevis ended strain clamp	Aluminium alloy.
6.	Marking :	i) Name of Manufacturer or trade mark. ii)Year of manufacturer to be filled by bidder
7.	Packing details.	
i)	Net weight per set in Kg.	1.250
ii)	Weight of steel parts per set in Kg.	1.050
iii)	Weight of Al. parts per set in Kg	0.200
iv)	Type of packing	As per IS:2486/Part.I/1993 clause No. 14
v)	Contents of each package	
vi)	Gross weight of each package.	Less than 50 Kg.
8.	Verification of dimension	As per IS:2486/Part.I/1993 and latest amendments. The following tolerances are allowed on all dimensions Dimension Tolerance. Upto & including 35 mm (+/-)0.7 mm over 35 mm(+/-) 2%
9.	ISI certification mark, if any	
10.	Drawing to which the material shall confirm	
11.	Any additional information which the bidder may to furnish	

Signature,Name & Desg. with seal of firm.

SCHEDULE-V-A(ii)**GUARANTEED TECHNICAL AND OTHER PARTICULARS OF H/W FITTINGS
FOR 11KV ,45 KN DISC INSULATORS `B&S' TYPE**

S. No.	Description	Particulars
1. i)	Manufacturer's name and address.	
ii)	Place of manufacture.	
2.	Standard specification to which	
i)	Hardware fittings shall confirm.	ISS:2486/Pt.I/1993, 2486/Pt. II/1989, IS:1971 & IS:2486 Pt. III/1976 IS:2486 Part.IV/1981 with latest amendments.
ii)	Galvanisation shall confirm.	IS:2633/1972
iii)	Dimension shall confirm.	Fig. 26 of IS:2486/ Part.II/1974 and as per approved drawings.
3.	Breaking strength of the clamp.	4500 Kgs
4.	Slipping strength of the clamp.	90% of UTS of conductor.
5.	Material for	
a)	Dead end straps	MS hot dip galvanised.
b)	Strain bolts	MS hot dip galvanised
	Hexogonal nut	MS hot dip galvanised
c)	Spring washer	Spring steel electro plating
d)	Flat washer	Mild steel electro plating.
e)	Cotter pin	MS(Forged)hotdip galvanised
f)	Clevis ended strain clamp	Forged steel.
g)	Socket eye.	Forged steel.
h)	Ball eye	Forged steel.
6.	Packing details.	
i)	Net weight per set in Kg.	3.350
ii)	Weight of steel parts per set in Kg.	2.675
iii)	Weight of Al. parts per set in Kg	0.675
iv)	Type of packing	As per IS:2486/Part.I/1993 clause No. 14
v)	Contents of each package	
vi)	Gross weight of each package.	
7.	Verification of dimension	As per IS:2486/Part.I/1993 and latest amendments. The following tolerances are allowed on all dimensions Dimension Tolerance. Upto & including 35 mm (+/-)0.7 mm over 35 mm(+/-) 2%
8.	ISI certification mark, if any.	
9.	Drawing to which the material shall confirm.	
10.	Any additional information which the bider may to furnish.	

Signature, Name & Desg.
with seal of firm.

SCHEDULE-V-A(iii)

GUARANTEED AND OTHER PARTICULARS FOR H/W FITTINGS FOR 11KV 120 KN DISC INSULATORS `B&S' TYPE (BOLTED TYPE SINGLE TENSION CLAMP SUITABLE FOR ACSR `PANTHER' CONDUCTOR & LINKED WITH 120 KN DISC INSULATOR) AGAINST TN-4310 :

S. No.	Description	Particulars
1	Maker's name & address Office	
2	Place of Manufacturer, Works	
3	Size of the ball and socket	
4	ISS to which the fittings shall conform	
5	Net weight(excluding insulators) (in Kgs.)	
	Al.	
	Steel	
	Total	
6	Tansion Clamps	
i)	Breaking strength of clamp	
ii)	Breaking strength of string	
iii)	Slipping strength of clamp	
iv)	Slipping strength of string	
7	Material used for other components	
a)	Bolt	
b)	Clevis	
c)	Nuts	
d)	Plain washers	
e)	U-bolts	
f)	Spring washers	
g)	`W' clips	
h)	Split pins	
i)	Cotter pins	
8	Length of string	
9	Indian standard specification to which galvanisation shall conform	
10	Whether the hardware shall match with the Insulators conforming to relevant ISS procured from Indigenous suppliers	
11	Quantity and Material Quantity used in components	Material Manufacturing Processing
	SINGLE TENSION STRING	
1	Anchor Shackle	
2	Ball Eye	
3	Socket Clevis	
4	Clevis Eye	
5	Tension clamp without arcing horns	
6	Yoke	
12	Marking	
13	Drawing No. to which the clamps shall	

S. No.	Description	Particulars
	conform	
14	Packing details	
15	Any other information which the bidder may wish to furnish	
16	Have the samples been supplied, if so give the particulars	

Signautre of Bidder

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

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

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

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.
-------	-------------------------------------

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 bid 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	Order No. & Date	Name & details of purchasing authority	Date of Completion
1	2	3	4	5	6

If executed partially to be mentioned order	whether still to be executed	Delivery stipulated in	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.

SCHEDULE-VII-A**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that M/s. _____ (Complete with address) have manufactured and supplied the goods/ equipments/ material during the following financial year(s) to the Electrical Utilities/ Government Departments/ Discoms/ SEBs as detailed out below:

S. No	Financial year in which material supplied	Detailed particulars of item(s) supplied	Name & particulars of purchasing authority	Order No. & Date against which item(s) supplied	Unit	Ordered		Actual Supplied Up to		Remarks
						Qty	Value (Rs.)	Qty	Value (Rs.)	

Signature

Signature of C.A.

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

Name:
Address

Membership No.

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

CA Firm(_____)

SCHEDULE-VIII

JAIPUR VIDYUT VITRAN NIGAM LIMITED

DELIVERY SCHEDULE

PART – A

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

S. No	Particular Of Material	Commencement Period	Rate Of Supply per Month	Period for Completion of delivery of Entire material
1	H/w Fittings For 11 KV 45 KN Disc Insulator "T&C " Type	30 Days from the date of receipt of detailed Purchase Order.	Equal monthly Installments for each type.	Within <u>Nine months</u> after commencement period.
2	H/w Fittings For 11 KV 45 KN Disc Insulator "B&S " Type			
3	H/w Fittings For 120 KN Disc Insulator "B&S " Type			

Note – In case ordered quantity is different than quoted quantity, then monthly delivery shall be adjusted proportionately . Bid in which equal 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	H/w Fittings For 11 KV 45 KN Disc Insulator "T&C " Type			
2	H/w Fittings For 11 KV 45 KN Disc Insulator "B&S " Type			
3	H/w Fittings For 120 KN Disc Insulator "B&S " Type			

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

**Signature
Name & Designation
With Seal of the Bidder**



Schedule – IX

JAIPUR VIDYUT VITRAN NIGAM LIMITED

A Govt. of Rajasthan Undertaking

List of Equipments and Technical Hands Available with the Firm

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

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

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

(Signature)

Name & Designation
with seal of the bidder.

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

**JAIPUR VIDYUT VITRAN NIGAM LIMITED
(PROCUREMENT CIRCLE)
NEAR RAM MANDIR , BANI-PARK, JAIPUR-302006**

TELEPHONE: - 0141 2208098

TELE FAX: - 0141-2208098

SPECIFICATION FOR SUPPLY OF

**HARDWARE FITTINGS FOR 11KV ,45 KN DISC INSULATOR `T&C' TYPE,
HARDWARE FITTINGS FOR 11KV ,45 KN DISC INSULATOR `B&S' TYPE
& HARDWARE FITTINGS FOR 120 KN DISC INSULATOR `B&S' TYPE
AGAINST TENDER NO. TN-4310**

Last Date of receipt of tenders	18.03.2011 upto 2:30 PM
Date of opening of tenders	18.03.2011 at 3:00 PM
Cost of Specification	Rs. 2500.00 (Rs. Two Thousand Five Hundred only)
Validity	120 days from the next date of opening of Techno commercial bid.
Earnest Money	Rs. 500,000.00 (Rs. Five Lac only) / Exemption Certificate / Vendor Registration Of Class " A " Category .

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 (Instructions to bidders) along with downloaded bid documents is essential otherwise the " BID OFFER " will not be opened. However the bidder(s) who get themselves registered with JVVNL as per clause No. 1.5.3 of Section-II (General Conditions of contract) before submitting of bid documents against the 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 cross bank draft/ banker's cheque payable in the name of " **ACCOUNTS OFFICER (MM), JVVNL, JAIPUR**. EMD if required shall be furnished in accordance with the clause No. 1.03.1 of Section-I(Instructions to bidders).

2. The Rajasthan/ Central Govt. Undertakings/ Corporation / Company 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. Receipt of earnest money deposit or valid registration certificate or certificate that the bidder is a Government undertaking / Corporation / Company shall necessarily accompany with sealed bid without which the bid shall be rejected

4. Bidder(s) shall **quote prices including of ex-works prices(including packing and forwarding charges), Excise duty including cess (if any), CST/ VAT, insurance charges, freight charges including unloading charges at site and levies there of any and local duties & taxes, including entry tax for firms located outside the state as per clause 1.09 of Section-I in Schedule-IV, otherwise their offer is likely to be ignored.** The prices quoted should be variable without any ceiling as per IEEMA price variation formula as mentioned in Schedule-II.

5. The bidder shall be furnished in two parts 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).

6. The bidder(s) shall ensure that their bids are furnished /submitted strictly in the manner detailed in the specification.

7. The bids not accompanied with pre qualifying requirement as per Schedule III -A, 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 bid equipment booked as on date of bid with type and rating and construction details of equipment for which order received be indicated.
- b) Copy of purchase orders of Erstwhile RSEB or JVVNL for similar or higher rating equipment latest executed.
- iii) Year wise past experience for last 5 years of similar or higher rating of bid equipment.
- iv) The details of testing facilities available at the works and copies of latest type test certificates, carried out on similar or higher rating.
- v) Quality assurance plan.
- vi) Complete guaranteed technical particulars, out lines and general arrangement drawings alongwith Bill of Material.

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

9. Bids without schedule I to IX shall be rejected.

10. Bids shall be furnished in single copy.

11. Bidders shall indicate in their bid the name and complete address of excise authorities under whose jurisdiction are their works / office falls.

12. All additions, alterations and over-writing in the bid must be clearly signed by the signatory of the bidder otherwise bid will be summarily rejected. The bidder must quote the prices strictly in the manner as indicated herein, failing which bid is liable for rejection. The rate/prices shall be entered in words as well as in figures. These must not contain any additions, alterations, over-writing, cuttings or corrections and any other marking which leave any room for doubt.

13. 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 technical bid (Part-I).

14. 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 (Schedule-III).

15. Any bid containing prices not quoted in the manner prescribed under the sub-clause (1.09.1) to (1.09.4) of Section-I is liable to be ignored.

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

17. The purchaser will respond in writing to any request for clarification in meaning of specification or any portion thereof which it receives at least 15 days before the specified date of opening of techno-commercial bids (in order that such doubts may be removed), after which no correspondence shall be entertained.

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

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