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(TN-2153)

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Note: The bidders, in their own interest are requested to read very carefully Section-I (Instruction to Bidders), Section-II (General Condition of Contract) & Section-III (Technical Specification) before filling the bid. The Bid documents be downloaded from JVNVL 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(MM), Jaipur discom, Jaipur then the copy available with Superintending Engineer(MM), 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.

GENERAL PARTICULARS ABOUT THE TENDER IN BRIEF

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

TELEPHONE: - 0141 2202607

FAX: - 0141-2202025

**SPECIFICATION FOR
OVERHAULING OF HEALTHY POWER TRANSFORMERS
OF 3.15 MVA TO 8.0 MVA RATING
AGAINST TENDER NOTICE NO: **TN-2153.****

LAST DATE OF RECEIPT OF TENDERS	:	5/9/2011 (Upto 2.30 PM)
DATE OF OPENING OF TENDER	:	5/9/2011 (at 3.00 PM)
COST OF SPECIFICATION	:	Rs.2500.00 (Rs. Two Thousand Five Hundred only)
VALIDITY	:	120 Days after the date of opening of tenders.
EARNEST MONEY	:	Rs.2,00,000.00 (Rs. Two Lac only)/ certificate or Vender registration of appropriate category.

Note: Before filling up of the tender document, please read the complete specification.

SCHEDULE-III-A

PRICE VARIATION FORMULA (TN-2153)

Price variation shall only be permissible for Transformer Oil & Labour Charges for overhauling of Power Transformers and to be regulated as per formula given below:

i) FOR TRANSFORMER OIL:

The prices of transformer oil to be used in repair of power transformers shall be based on the prices of transformer oil as published in IEEMA Circulars (used for 'IEEMA/(PVC)/TRF' Series transformers) prevailing as on first day of the month one month prior to opening of tender. The prices of transformer oil shall increase/ decrease correspondingly to the prices as published in the IEEMA Circulars for the relevant month i.e. for any increase/ decrease of Rs.1.00 in base price, the prices of transformer oil shall increase/ decrease by Rs.1.00 without any ceiling.

No variation shall be allowed on account of variation in the prices of steel drums.

ii) FOR LABOUR CHARGES:

The labour charges quoted for repair of power transformers shall be based on the All India Average Consumer Price Index Number for Industrial Workers (Base 2001 = 100) for the month one month prior to opening of tender. The repair charges shall increase/ decrease correspondingly on the basis of percentage increase/ decrease in All India Average Consumer Price Index number for the relevant month.

For calculation of price variation the prices of raw material mentioned above (Copper, Aluminium & transformer oil) as published in IEEMA Circulars one month prior and for labour charges, 4 months prior to actual delivery in the stores or of scheduled delivery whichever is less will be considered.

PRICES & PRICE VARIATION

- a) The prices quoted shall be variable as per Price Variation Formula given in the Specification (Schedule-III-A) without any ceiling.
- b) 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.
- c) The date of delivery applicable for claiming price variation shall be the date prevailing on the first day of Calendar month which shall be determined in the manner prescribed hereunder:-
 - (i) When the Transformer is overhauled within stipulated delivery schedule : For allowing P.V. the date of delivery shall be considered the date on which Transformer is cleared for dispatch after inspection.
 - (ii) When the Transformer is overhauled after expiry of stipulated delivery schedule : For allowing P.V. in the cases overhauling are made after the expiry of scheduled delivery, the price prevailing in the last month of the stipulated scheduled delivery or the date on which Transformer is cleared for dispatch after inspection, whichever is beneficial to Nigam shall be allowed.

SCHEDULE-III-B

QUALIFICATION REQUIREMENT

**FOR OVERHAULING OF HEALTHY POWER TRANSFORMERS
OF 3.15 MVA TO 8.0 MVA RATING**

TN- 2153

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

- I) The bidder should possess adequate testing facilities for carrying out routine & acceptance test of items as per relevant standard at their works. The bidder shall furnish documentary evidence in support for conducting routine & acceptance test.
- II) The bidder shall clearly indicate the deviations such as Technical Deviations such as Technical Deviation & Commercial Deviation in the prescribed proforma only. The deviations indicated elsewhere in the bid shall not be accepted.
- III) Parties having their works outside the jurisdiction of Jaipur Discom, shall not be considered for awarding Rate Contract.

SCHEDULE-IV**SCHEDULE OF PRICE FOR OVERHAULING OF HEALTHY POWER TRANSFORMERS AGAINST TENDER SPECIFICATION OF TN-2153**

1.		Unit	3.15 MVA	5.0 MVA	8.0 MVA
1.	Unloading & loading of Transformer at the contractor's works, Draining of oil, Opening of transformer, detanking of core coil assembly, Denting work on transformer, cleaning, washing & flushing of all parts, tank and cooling tube for removal of dust/rust/scale/sludge deposition, Cleaning of core-coil assembly and HV/LV winding by flushing with oil, Dehydration of core coil assembly by ovening / baking in vacuum chamber, Retanking of core & coil assembly, fresh oil filling only under vacuum after filtration and Testing of transformer (Megger, TTR, HV, DVDF at 75% of normal value, oil leakage test & BDV of oil as per ISS and loading of Transformer at contractor's works.	Per Transformer			
2.	Internal & external painting with heat and oil resistant Zinc chromate paint.	-do-			
3.	Maintenance/Serviceing of off & On Load Tap Changer for ensuring proper mechanical working including prevention of oil leakage from main oil seal & gaskets. Checking of control wiring for all indicators & relays protections system. Complete overhauling including deassembly of all mechanical parts, change main and other oil seals etc. and reassembly thereafter.	-do-			
4.	Replacement of damaged parts:				
i	H.T. Bushing (33 KV) as per relevant ISS.	Each			
ii	L.T. Bushing (11 KV) as per relevant ISS.	Each			
iii	Metal Parts for H.T. Bushing	Each			
iv	Metal Parts for L.T. & Neutral Bushing	Each.			
v	Packing Gasket	Per Tr.			
vi	Drain/Filter valves	Each			
vii	Breather	Each			
viii	Buchholz Relay	Each.			
ix	Magnet Type Oil Level Gauge	Each.			
x	Oil temperature indicator	Each.			
xi	Winding Temperature Indicator	Each.			
xii	Oil Seals	Each			
xiii	Transformer Oil as per IS:335/1993 (Latest amended)	Rs./Litre			
xiv	Filtration charges of transformer oil	Rs./Litre			
xv	Sundries item viz. cover bolts, plugs, caps, screws, washers, insulation material etc.	Lump Sum			
xvi	Rating Plate made of S/S, Brass or Al. engraved with details as per spec. including date of despatch of Transformer after repair	Each			
xvii	Arcing Horns for HV & LV Bushings.	Each			
xviii	Radiator Shut Off Valve	Each			
xix	Bi-metallic connectorfor HV//LV Bushing Metal Parts.	Each.			

SCHEDULE-IV A

TENDER FORM

Ref. No. _____

From: M/s _____

To,

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

Sub: Tender for entering into the rate contract for overhauling of healthy power transformers lying at various stores of Nigam against tender specification No. SE/MM/SPO-V/TN-2153.

Dear Sirs,

With reference to your notice inviting tenders for entering into rate contract for overhauling of healthy power transformers lying at various stores of Nigam against tender specification No. SE/MM/SPO-V/TN-2153. We here by offer to the Jaipur Vidyut Vitran Nigam Limited, our price schedule and terms and conditions in conformity with the tender specification and annexed schedules and instructions.

1. PRICES:

The rates quoted in the price schedule annexed herewith are firm in all respect for item No. 2 of the price schedule which are variable as per IEEMA price variation clause annexed at schedule III A with base price as on 1st day of the month one month prior to opening of tender i.e. _____.

2. EARNEST MONEY:

Banker's Cheque/ Demand draft No. _____ for Rs _____ (Rupees _____) drawn on the _____ and payable to Accounts officer (MM), JVVNL, Jaipur is attached herewith towards earnest money deposit.

OR

We are exempted from furnishing earnest money being registered as "A" class Vendor with the Jaipur Vidyut Vitran Nigam Limited.

3. SECURITY DEPOSIT:

We hereby confirm that in the event of our offer being accepted we shall furnish a bank guarantee for a sum of Rs. 1,00,000/- within 15 days of award of contract in terms of clause No. 13 (Section-III) of tender documents.

4. PERFORMANCE BANK GUARANTEE:

We undertake to deposit furnish PBG for the amount as specified in clause No.15 of the Section-III of the specification towards performance bank guarantee.

5. GUARANTEE PERIOD:

We undertake to guarantee of overhauled transformers supplied by us for 9 months from the date of despatch for whole unit ir-respective of parts replaced during overhauling to stores. Any defects noticed during the period of guarantee shall be attended on priority and shall be repaired free of cost within a period of 45 days from the receipt of intimation. The delay in repairs will be counted towards delay in delivery.

6. PERIOD OF RATE CONTRACT:

We hereby undertake and agree to execute the rate contract for a period of two years from the date of award of the contract.

7. VALIDITY OF TENDER:

Our this offer is valid for acceptance for one hundred and twenty (120) days from the date of opening and we agree to extend the validity period if required for such period as may be mutually decided.

We hereby confirm that all terms and conditions as stipulated in the tender documents and Annexures thereto are acceptable to us. The price schedule and tender schedules attached herewith from the integral part of the offer.

- Encl: 1. Schedule of prices.
2. Tender form.
3. Schedule III to IX.

Signature of tenderer in full with rubber seal
(Name in full and designation)

Phone No. with STD Code No. _____

Fax No. _____

Date:

SCHEDULE-IV `A`**Must be filled-in by the tenderer and attach with technical bid (Part-I)**

To,

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

Dear Sir,

With reference to your invitation to tender against specification No. JPD/SE/MM/TN-**2153**, we agree to supply the following quantity:-

S. No	Particulars of item	Tendered Quantity	Qty. Offered	Justification of quantity offered as per Qualifying Requirement.	Status of Type Test Certificates.
1	2	3	4	5	6

1. The offer is valid for a period of 120 days from the date of opening of this tender.
2. The prices are variable with base date as first day of calendar month, one month prior to the date of tender opening, as per IEEMA latest circular.
3. It is noted that the quantities 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 clause as given in **Schedule-VIII** of this specification. In case we fail to deliver the material as indicated in the clause No. 1.23 of G.C.C. (Schedule-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/ MM/TN-**2153** and as per relevant ISS in all respect.
5. We confirm that we agree to all the terms & conditions as well as the technical stipulations of your specification No. JPD/SE/MM/TN-**2153** and there are no deviations other than as specified in the **Schedule VI (A&B)**.

Yours faithfully,

Signature of tenderer
with stamp
Dated

Schedule-V (A)

OFFICE OF THE ASSISTANT CONTROLLER OF STORES
JVVNL _____

Sub.: Performance Certificate in respect of 33/11 KV Power Transformers
repaired against previous TN_____, Work Order reference
No. _____ Date _____

The supplier M/s _____ have
completed the repair work of _____ Nos. transformers under previous
TN_____, Work Order No. _____ dated _____
and 12 months performance guarantee period after repairs and supply to stores has
passed satisfactorily.

It is also hereby certified that :-

1. No Transformer after repairs under this Rate Contract is reported to have failed and lying pending for the want of repairs.
2. No recovery/ outstandings are due under this Rate Contract against the supply.

Assistant Controller of Stores,
JVVNL, _____

GENERAL PARTICULARS ABOUT THE TENDER IN BRIEF

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

TELEPHONE: - 0141 2202607

FAX: - 0141-2202025

**SPECIFICATION FOR AWARD OF CENTRAL RATE CONTRACT FOR OVERHAULING OF
POWER TRANSFORMERS AGAINST TN-2153**

LAST DATE AND TIME FOR : 5.9.2011 at 2.30 p.m.
RECEIPT OF BID

DATE AND TIME OF : 5.9.2011 at 3.00 p.m.
OPENING OF BID

EARNEST MONEY TO BE : RS.2,00,000.00
DEPOSITED

COST OF THE : RS.2,500.00(non refundable)
SPECIFICATION

VALIDITY : 120 DAYS FROM THE NEXT DATE
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(MM), Jaipur discom, Jaipur then the copy available with Superintending Engineer(MM), 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**. Base date for price variation shall be the first day of calendar month, one month prior to the date of tender opening.

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.
 - ii) 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 **(Schedule-III)**.
10. Deviation of any kind shall not be quoted in price bid, if found quoted, the same shall be ignored.
11. The following facilities are to be provided by the supplier at his own cost to the inspecting officer of JVVNL.
 - i) Suitable accommodation.
 - ii) Local conveyance between arrival point, place of stay, works and departure point.
 - iii) The supplier shall assist in arranging return ticket and reservation on the request of the inspecting officer for which the payment shall be made by the inspecting officer. In case of joint inspection, single or shared double room accommodation shall be provided