

UTTAR HARYANA BIJLI VITRAN NIGAM

TENDER DOCUMENTS

E-TENDER ENQUIRY NO. WS-_____ Dated _____

EVENT NO. _____

FOR

Repairing / refurbishment of damaged Copper Wound Power Transformers of 33/11 KV of capacity 4 MVA, 5 MVA, 6.3 MVA, 6.3/8 MVA, 8 MVA, 10 MVA & 10/12.5 MVA and of 33/3.3 KV of capacity 3.5 & 5 MVA for UHBVN & DHBVN (anywhere in Haryana) as per Nigam Technical Specification and as per ISS-2026/1977 with latest amendments, through private firms valid for one year from the date of entering into the contract and extendable for another one year on the performance of the firm and mutual consent.

SE/Stores & Workshops
UHBVN Dhulkote (Ambala).
Phone-0171-2542985

E-Tender Enquiry No. WS-_____ Dated _____.
Event No. _____

INDEX

Sr. No.	Description	Annexure
1	Notice Inviting e-Tender	
2	Instructions to Bidders for e-tendering.	Annexure-A
3	General Instruction to the Bidder and Terms & Conditions of the repair contract.	Annexure-B
4	Technical Specifications	Annexure-C
5	Commercial Terms & Conditions of the Repair Contract.	Annexure-D
6	Price Bid format	Annexure-E
7	Proforma for Affidavit of Non-blacklisting.	Annexure-F
8	Proforma for Bank Guarantee.	Annexure-G
9	Check List for submission of tender documents.	Annexure-H

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____.
Event No. _____

OFFICE OF THE SUPERINTENDING ENGINEER / STORES & WORKSHOPS, UHBVN DHULKOTE, AMBALA (HARYANA)

E-tenders in two parts (Part-I Technical & Commercial Bid and Part-II Price Bid) are invited for finalization of contract for repairing/ refurbishment of damaged Copper Wound Power Transformers of 33/11 KV of capacity 4 MVA, 5 MVA, 6.3 MVA, 6.3/8 MVA, 8 MVA, 10 MVA & 10/12.5 MVA and of 33/3.3 KV of capacity 3.5 & 5 MVA for UHBVN & DHBVN (anywhere in Haryana) as per Nigam Technical Specification and as per ISS-2026/1977 with latest amendments, through private firms valid for one year from the date of entering into the contract and extendable for another one year on the performance of the firm and mutual consent..

The tentative requirement of repair of damaged Copper Wound Power transformers in UHBVN & DHBVN for next one year is given below, however the same may be increased or decreased as per actual requirement of repair in UHBVN & DHBVN within the contractual delivery period.

Sr. No.	Description	33/11 KV							33/3.3 KV	
		4 MVA	5 MVA	6.3 MVA	6.3/8 MVA	8 MVA	10 MVA	10/12.5 MVA	3.5 MVA	5 MVA
1	UHBVN									
2	DHBVN									
Total										

Description	Earnest Money Deposit	Tender Document Fee (Non refundable)	E-Service Fee (Non refundable)
Amount (Rs.)	2.00 Lacs.	5000/-	1000/-

Note: Amount of tender document fee for the Haryana based MSMEs and KVI units is Rs. 1000/- only (non refundable).

Sr. No.	Date of starting of E-Tender for submission of on line Techno-Commercial Bid and Price Bid at https://haryanaeprocurement.gov.in of Nextenders India Pvt. Ltd.	Date of closing of online E-Tender for submission of Techno-Commercial Bid & Price Bid on web Portal	Opening date of Part-I of proposal on web portal
1	_____ (From _____ Hrs.)	_____ (up to _____ Hrs.)	_____ (at _____ Hrs.)

1. The Tender Documents fee and E-Service will be paid online.
2. Part-I of the E-Tenders against the above NIT will be opened in the office of the Superintending Engineer / Stores & Workshops, UHBVN Dhulkote (Ambala) as per schedule given above.
3. The earnest money shall be deposited online in cash by the firm through Debit Card or RTGS/ NEFT or Net banking. It is expected from the prospective bidder to deposit EMD online by at least one day before deadline of submission of bids due to web portal provisioning. Any non-acceptance of EMD by web-based system on last day of submission of bids due to web-portal constraints shall be the bidder's responsibility.
4. The purchaser reserves the right to reject one or all the tenders received, without assigning any reason.
5. The tender documents having detailed terms and conditions can be downloaded from the website <https://haryanaeprocurement.gov.in> from _____ from _____ Hrs onwards. The E-Tenders shall be received through website only. All interested firms are requested to get themselves registered as vendors with the said website for submitting their bids. For any assistance, please contact, **Toll free no. 1800-180-2097** of M/s Nextenders (India) Pvt. Ltd., Panchkula. The bidders, who are participating in one or more bids, shall deposit one set of hard copy of the bid duly stamped & signed. The price bid is to be submitted online only. The Price bid in hand/ paper form shall not be accepted/ entertained.
6. Only those tenders shall be considered who deposit the earnest money and tender cost & transaction fee by due date.
7. Corrigendum, if any would be published online on the website.

**SE/Stores & Workshops,
UHBVN, Dhulkote (Ambala).**

UTTAR HARYANA BIJLI VITRAN NIGAM
E-Tender Enquiry No. WS-_____ Dated _____.

Instructions to Bidders for e-tendering.

A) Instructions to bidder on Electronic Tendering System:- These conditions will over-rule the conditions stated in the tender documents, wherever relevant and applicable.

1. Registration of bidders on e-Procurement Portal:-

All the bidders intending to participate in the tenders processed online are required to get registered on the centralized e-Procurement Portal i.e. <https://haryanaeprocurement.gov.in>. Please visit the website for more details.

2. Obtaining a Digital Certificate:

2.1 The Bids submitted online should be encrypted and signed electronically with a Digital Certificate to establish the identity of the bidder bidding online. These Digital Certificates are issued by an Approved Certifying Authority, by the Controller of Certifying Authorities, Government of India.

2.2 A Digital Certificate is issued upon receipt of mandatory identity (i.e. Applicant's PAN Card) and Address proofs and verification form duly attested by the Bank Manager / Post Master / Gazetted Officer. Only upon the receipt of the required documents, a digital certificate can be issued. For more details please visit the website – <https://haryanaeprocurement.gov.in>.

2.3 The bidders may obtain Class-II or III digital signature certificate from any Certifying Authority or Sub-certifying Authority authorized by the Controller of Certifying Authorities or may obtain information and application format and documents required for the issue of digital certificate from:

M/s Nextenders (India) Pvt. Ltd.

O/o. DS&D Haryana,
SCO – 09, IIInd Floor,
Sector – 16,
Panchkula – 134108

E - mail: Chandigarh@nextenders.com

Help Desk: 1800-180-2097 (Toll Free Number)

2.4 Bid for a particular tender must be submitted online using the digital certificate (Encryption & Signing), which is used to encrypt the data and sign the hash during the stage of Tender Download and bid preparation. In case, during the process of a particular tender, the user loses his digital certificate (due to virus attack, hardware problem, operating system or any other problem) he will not be able to submit the bid online. Hence, the users are advised to keep a backup of the certificate and also keep the copies at safe place under proper security (for its use in case of emergencies).

2.5 In case of online tendering, if the digital certificate issued to the authorized user of a firm is used for signing and submitting a bid, it will be considered equivalent to a no-objection certificate/ power of attorney /lawful authorization to that User. The firm has to authorize a specific individual through an authorization certificate signed by all partners to use the digital certificate as per Indian Information Technology Act 2000. Unless the certificates are revoked, it will be assumed to represent adequate authority of the user to bid on behalf of the firm in the department tenders as per Information Technology Act 2000. The digital signature of this authorized user will be binding on the firm.

2.6 In case of any change in the authorization, it shall be the responsibility of management/ partners of the firm to inform the certifying authority about the change and to obtain the digital signatures of the new person/ user on behalf of the firm/ company. The procedure for application of a digital certificate however will remain the same for the new user.

2.7 The same procedure holds true for the authorized users in a private/Public limited company. In this case, the authorization certificate will have to be signed by the directors of the company.

3 Opening of an Electronic Payment Account:

For purchasing the tender documents online, bidders are required to pay the tender documents fees online using the electronic payments gateway service. For online payments guidelines, please refer to the Home page of the e-tendering Portal <https://haryanaeprocurement.gov.in>.

4 Pre-requisites for online bidding:

In order to bid online on the portal <https://haryanaeprocurement.gov.in> , the user machine must be updated with the latest Java. The link for downloading latest java applet is available on the Home page of the e-tendering Portal.

5 Online Viewing of Detailed Notice Inviting Tenders:

The bidders can view the detailed N.I.T and the time schedule (Key Dates) for all the tenders floated through the single portal e-Procurement system on the Home Page at <https://haryanaeprocurement.gov.in>

6 Download of Tender Documents:

The tender documents can be downloaded free of cost from the e-Procurement portal <https://haryanaeprocurement.gov.in>

7 Key Dates:

The bidders are strictly advised to follow dates and times as indicated in the online Notice Inviting Tenders. The date and time shall be binding on all bidders. All online activities are time tracked and the system enforces time locks that ensure that no activity or transaction can take place outside the start and end dates and the time of the stage as defined in the online Notice Inviting Tenders.

8 Bid Preparation (Technical & Financial) Online Payment of Tender Document Fee, E-Service fee, EMD fees and Submission of Bid Seal (Hash) of online Bids:

8.1 The online payment for Tender document fee, eService Fee & EMD can be done using the secure electronic payment gateway. The Payment for Tender Document Fee and eService Fee can be made by eligible bidders/ contractors online directly through Debit Cards & Internet Banking Accounts and the Payment for EMD can be made online directly through RTGS / NEFT and OTC. The secure electronic payments gateway is an online interface between contractors and Debit card / online payment authorization networks.

8.2 Submission of bids will be preceded by submission of the digitally signed & sealed bid (Hash) as stated in the time schedule (Key Dates) of the Tender.

NOTE:-

- a) **Bidders participating in online tenders shall check the validity of his/her Digital Signature Certificate before participating in the online Tenders at the portal <https://haryanaeprocurement.gov.in>.**
- b) **For help manual please refer to the 'Home Page' of the e-Procurement website at <https://haryanaeprocurement.gov.in>, and click on the available link 'How to online' to download the file.
If bidder fails to complete the Online Bid Preparation & Submission stage on the stipulated date and time, his/hers bid will be considered as bid not submitted, and hence not appear during tender opening stage.**

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____.

Event No. _____

Annexure-B

General Instruction to the Bidder and Terms & Conditions of the contract.

A. GENERAL INSTRUCTION TO THE BIDDER	
1	<p>Pre-qualification requirements</p> <p>a. Past performance of the firm with UHBVN/DHBVN or any other Central/State Govt. power utility should be satisfactory.</p> <p>b. The damage rate for repaired/manufactured power transformers within warranty period against any contract should be less than 5%.</p> <p>c. The Tenderer is an established transformer manufacturer satisfying the following two conditions:-</p> <p>(i) Have supplied at least 5 nos. transformers of 5, 8 & 10 MVA or above rating from his works during last 3 FY.</p> <p>(ii) The transformers supplied by him are giving satisfactory performance for at-least one year.</p> <p style="text-align: center;">OR</p> <p>The Tenderer is repairer of Power Transformers for Haryana Utility, or any other Govt. Department or Public utility satisfying following two conditions:-</p> <p>(i) Must have repaired atleast 5 Nos. Transformers of capacity 5, 8 & 10 MVA or above satisfactorily during last 3 FY.</p> <p>(ii) The repaired transformers should have been in satisfactory service for more than a year.</p> <p style="text-align: center;">OR</p> <p>The Purchaser at his discretion may consider to award trial order to those bidders meeting following conditions:-</p> <p>(i) The Tenderer must have necessary resources, organization and equipments (which will be assessed after factory inspection of the tenderer by the department) to undertake the repair works of Power Transformer including testing at their work.</p> <p>(ii) The Tenderer must have been awarded contract for repair of copper wound transformers by any DISCOM of Haryana Utility, or any other Govt. Department or Public utility & must have repaired atleast 500 nos. copper wound transformers of (200 to 1000 KVA capacity) assorted ratings from his works during last 3 FY.</p> <p>Note:- The experience of minor repairs against work-order at divisional level shall not be considered. The repair works must involve manufacturing of HV/LV coils and complete testing of transformer as per Technical Specification</p>
	<p>d. The annual turnover of the firm during last 3 years should be minimum Rs. 2 crore.</p> <p>i). Manufacturing Small Enterprises (Including Khadi & Village Industries) that have filed Entrepreneurs Memoranda in Haryana will be entitled to a concession of 50% on the turnover and shall be considered qualifying accordingly.</p> <p>ii). Manufacturing Micro Enterprises (Including Khadi & Village Industries) that have filed Entrepreneurs Memoranda in Haryana will be entitled to a concession of 75% on the turnover and shall be considered qualifying accordingly.</p>
	<p>e. The firm should submit Quality Assurance Plan (QAP) with details of technology being used.</p>
	<p>f. Only those firms who have not been Blacklisted by any state / central Govt. or any Govt owned Power Utility shall be entitled to submit the tender. The firm shall submit</p>

	an Affidavit of Non-Blacklisting on NJSP of the appropriate value duly attested by the Notary Public.
	g. The firm should have ISO: 9000 certificate or above.
	h. The bidder has to quote a minimum 25% of the NIT quantity. Any offer below the 25% of the NIT quantity shall be rejected & price bid of the concerned bidder shall not be opened.
2	The tenders not meeting the requirement of pre-qualification conditions, necessary terms and conditions of the NIT and Nigam technical specifications shall be rejected.
3.	The tenders should remain valid for 180 days from the date of opening of (Part-I) i.e Technical & Commercial Bid otherwise the same will not be opened and rejected outrightly.
4.	Tenders with incomplete particulars are liable to be rejected and EMD shall be forfeited if bidder will not respond completely even after notice issued by the Nigam. The tender shall be submitted in two Parts. Part-I shall consist of technical details & commercial terms & conditions and Part –II will contain Price Bid.
5.	The tenderer must submit a copy of all the documents related to part-I (techno-commercial terms and conditions) uploaded on the site for the said tender duly self attested on each page and certify that these documents are same as uploaded day after opening of part-I. (All affidavit & undertakings should be submitted in original with hard copy in the O/o SE/S&W, UHBVN, Dhulkote (Ambala City).
6	If the date of opening of tenders falls on holiday, the tenders will be opened on the next working day.
7	Faxed / Conditional Quotations shall not be accepted.
8	Dis-honouring of Nigam's / HPPC decision. The firms failing to accept the mutually agreed rates, after having made commitments before HPPC (GoH/Nigam) shall be blacklisted / barred from doing business with Nigam and earnest money of the firm shall be forfeited. The period of such blacklisting of the defaulting firm will be three years. The blacklisting of the firm shall be notified to all Power Utilities in the country and the names of such blacklisted supplier / contractor would also be put on the web-site of the Nigam.
9	Low rates: To curb the tendency to quote low rates and execute the works unsatisfactorily, the quoted rates shall be compared with the estimated cost and shall be dealt with as follow:- a) If the quoted rate for a work is below 25% of the estimated rates, it will be rejected. b) If the quoted rate is between 10% and 25% below estimated rate, the contractor will remit performance guarantee equal to the difference between estimate Price and quoted price. This will be released after satisfactory completion of the work.
10	The purchaser reserves the right to reject any or all the tenders received without assigning any reason. The purchaser will not be responsible for and will not pay for expenses or losses that may be incurred by the tenderers in the preparation of the tenders.
11	The clauses of new policy decisions / guidelines of Govt. of Haryana (with latest amendments) will supersede the existing terms and conditions mentioned in the contract.
12	In case of any contradiction/ conflict between terms & conditions mentioned in Contract, the terms & conditions favorable to the Nigam shall prevail.
13	The bidders should preferably quote their bids in computerized or typing. Over writing shall be avoided. In the event of discrepancy or arithmetical error, the decision of the management shall be final & binding on the tenderers.
14	A copy of recent calibration test certificates of instruments by approved Govt. laboratory must be submitted.
15	Authorization letter or legal power of attorney or any other documents in favour of signatory proving the authority of the signatory must be attached with the tender documents.
16	The firm who introduced itself as Small Scale/Micro Industries must submit the authentic proof at the time of submission of tender documents that the firm falls under Small

	Scale/Micro Unit otherwise the firm will not be treated as Small Scale/Micro Industry Unit and no benefit in this regard, shall be given at belated stage.
17	Tenderer must carefully study the technical/commercial specifications and general terms and conditions before preparation of tender. All terms and conditions of NIT and Corrigendum shall be applicable.
18	If more than one bid is submitted by any/one bidder, (having same registered office), the same shall be rejected.
19	The deviations in Technical & Commercial terms and Conditions, if any, must be brought out clearly on the performa enclosed, failing which it will be presumed that the same are acceptable in to-to. Tenders with deviations are liable to be ignored and the price bid will not be opened. The revision of price bid after opening of part-I i.e. technical & commercial of the tender is not allowed and will render the firm liable for rejection of tenders. In case of withdrawing the same within the validity period, EMD shall be forfeited.
20	NIT has been issued by UHBVN but the requirement of material against this tender enquiry is for both UHBVN & DHBVN. The earnest money shall be submitted in favour of utility inviting the tender. Tender will be processed and finalized by UHBVN but acceptance of LOI shall be submitted to both UHBVN & DHBVN. Work order shall be issued by both the utilities separately after the acceptance of LOI. The successful bidder shall submit the Bank Guarantee as mentioned in the contract separately for UHBVN & DHBVN within 15 days from the date of LOI.
21	EMD is liable to be forfeited in case of evidence of cartel formation by the bidder(s). The provision for penal action in case of cartel formation by the bidders shall be as per clause No. 9 of policy (guidelines) issued by the State Govt. vide G.O No. 2/2/2010-41 BII dated 28.5.2010.
22	The bidder shall submit all the requisite documents pertaining to the plant from where the material will be supplied. Please upload the document.
23	On the day the purchaser convey acceptance to the supplier's offer either through E-mail /fax or by a letter, the date of E-mail/fax or letter will be the date of agreement and the contractual obligation of the supplier will commence from that very date. The supplier will have no right to revoke his offer after the acceptance of purchaser.

B. TERMS & CONDITIONS FOR REPAIRING CONTRACT FOR POWER TRANSFORMER:-

1	<p>In construction of the terms and conditions of the contract, the following words shall have the meaning herein assigned to them, unless the subject or context otherwise requires:</p> <p>(a). The "PURCHASER" shall mean the UHBVN/DHBVN or its authorized agent and shall include its Successors in office, and assigns.</p> <p>(b). The "SUPPLIER" shall mean M/s _____ and shall include the supplier's legal representatives, successors, and assigns.</p> <p>(c). "MANUFACTURES" shall mean M/s _____ and shall include their legal representatives, successors and assigns.</p> <p>(d). MATERIAL" shall mean all the materials to be supplied by the supplier under the contract as per clause of material specifications, price etc.</p> <p>(e). "SPECIFICATION" shall mean and include the specifications as detailed in the Annexure attached herewith and Drawings attached there to as well as samples and patterns (if any).</p> <p>(f). The 'SITE' shall mean and include the lands and buildings over/ under/upon and in which the materials are to be installed and used in accordance with the terms and conditions.</p> <p>(g). "PLACE OF DELIVERY" shall mean the place of delivery at which the supplier is responsible to deliver the material at the contract price as specified in the clause "Material Specification: price etc.</p> <p>(h). "COMMERCIAL USE" shall mean the use to which the material can commercially</p>
---	--

	<p>be put.</p> <p>(i). "MONTH" shall mean a calendar month.</p> <p>(j). "THE TERMS F.A.S., F.O.R., F.O.B,C.I.F. and other shipping dispatch terms as used herein, shall have meaning in accordance with their uses in India.</p> <p>(k). "WORK" shall mean and include supply of all the materials plants and equipment and rendering of other services by the supplier under this contract.</p> <p>(l). "ACT" shall mean the Companies Act 1956 and shall include any statutory amendments modification or re-enactment thereof the time being enforce.</p> <p>(m). "THE NIGAM" shall mean the UTTAR / DAKSHIN HARYANA BIJLI VITRAN NIGAM LIMITED as incorporated under COMPANIES ACT 1956 and shall include its successors and assigns.</p> <p>(n). "MANAGING DIRECTOR" shall mean the Managing Director of the Nigam duly appointed by the Govt.</p> <p>(o). "CONSIGNEE" shall mean the office to whom the materials is required to be dispatched or the person specified in the purchase order.</p> <p>(p). "CONTRACT" shall mean the notice inviting tender Instructions for tenders. Tender Forms terms and conditions of contract with their annexures and purchase order / acceptance of offer/ Tender.</p> <p>(q). "DRAWING" shall mean the drawing/ drawings annexed to the specification (if any) or as approved by the purchaser.</p> <p>(r). "PURCHASE AUTHORITY" shall mean the officer signing the acceptance of tender and shall include any officer who has authority to execute the relevant contract on behalf of the purchaser.</p> <p>(s). "PURCHASE ORDER" shall mean an order of supply of material including the acceptance of the tender.</p> <p>(t). "ANNEXURE" shall mean the Annexure to the terms and conditions.</p> <p>(u). "ACCEPTANCE OF TENDER" shall mean the letter or memorandum communicating to the supplier the acceptance of his offer (Tender) and shall include advance acceptance his offer.</p> <p>(v). "TEST" shall mean such test as is prescribed by the Indian Standards Institution or by the Nigam and / or considered necessary by the authorized agents of the purchaser, whether conducted/ performed or made by him or any other agency acting under his direction.</p> <p>(w). "DELIVERY" shall be deemed to take place on delivery of the material in accordance with the terms and conditions of the Contract after test and inspection by the purchaser or his authorized agent, to the consignee.</p> <p>(x). D.G.S & D shall mean the Director General of Supplies and Disposals Government of India.</p> <p>(y). DS&D shall mean the Director Supply & Disposal Haryana.</p>
2	<p>PARTIES.</p> <p>The parties to the contract are the supplier and the purchaser, Legal address of the parties to the contract is under:</p> <p>Supplier</p> <p>M/s _____</p> <p>_____</p> <p>[The firm should mention complete postal address alongwith mobile number/ Telephone number/ Fax No./ e-mail id]</p> <p>Purchaser: Uttar / Dakshin Haryana Bijli Vitran Nigam Limited .</p> <p>For all purposes of the contract including the arbitration there under, the address of the supplier mentioned above, shall be the address to which all communications addressed to the supplier shall be sent unless the supplier has notified a change by a separate letter containing no other communication and sent by Registered Post (Acknowledgement Due) to</p>

	the purchaser. The supplier shall be solely responsible for the consequences of an omission to notify the change of address in manner aforesaid.
3	<p>AUTHORITY OF THE PERSON SIGNING THE CONTRACT ON BEHALF OF THE SUPPLIER</p> <p>The person who has signed these tender papers (including the terms and conditions) has got authority to sign on behalf of the supplier. It is discovered at any time that the person so signing had no authority to do so, the purchaser without prejudice to any other right or remedy available to him may, cancel the contract and make a purchase of the material at the risk and cost of such person and hold such person liable to the purchaser for all costs and damages arising from the cancellation of the contract including any loss which the purchaser may sustain on account of such purchase.</p>
4	<p>VALIDITY OF THE CONTRACT:-</p> <p>This repair contract shall be valid for a period of one year i.e. upto 12 months from the award of work. The period of the contract can however, be extended by another one year on mutual consent of the Nigam and the contractor. All allotment made during the period of this contract, period shall be honored by the contractor and all damaged transformers delivered (for allotment made during period of the contract) up to Four months of expiry of the validity of this contract shall be repaired.</p>
5	<p>ALLOTMENT:-</p> <p>The allotment of damaged power transformers shall be made by the purchaser intimating essentially the following information:-</p> <ol style="list-style-type: none"> a) Make b) Sr. No. & Year of Manufacture as per Name Plate. c) Capacity in MVA and Voltage Ratio, Percentage impedance, OLTC detail etc. d) Place of availability to carry out preliminary inspection. e) Designation of the officer, his telephone No. of office and residence and complete postal address of office, who is to be associated with preliminary inspection of the damaged transformer.
6	<p>PRELIMINARY INSPECTION:</p> <p>In order to ascertain the suitability of Power transformers for repair, every damaged transformer shall be inspected preliminarily by the representative of the contractor at the site/ workshop of the purchaser in the presence of the concerned UHBVN/DHBVN officer. Upon the receipt of intimation, the contractor shall send notice, informing date and time of arrival of his representative at site. Preliminary inspection shall be carried out within two week of intimation from the Nigam.</p> <p>A transformer shall be considered repairable when the total liability of repair to UHBVN/DHBVN i.e. total cost of repair, replacement of parts/ components, to and fro</p>

	<p>transportation and new transformer oil etc. giving credit of old transformer oil, serviceable components/ accessories and salvage value of burnt/ damaged components shall be within the declared economical limit. The transformer shall be considered economical for repairs, if the cost of the repair after giving credit is 50% or less of the cost of a new transformer.</p> <p>The Contractor's representative shall, after preliminary inspection give in writing a report to the XEN, TRW, Dhulkote / XEN, T&S Workshop, Hisar with a copy to the CGM/MM, UHBVN, Panchkula/Chief Engineer/MM, DHBVN, Hisar clearly stating whether or not the damaged transformer has been found within economical limit of repair expenditure. In case of a transformer being found un-economical, an explanatory note leading to its being considered un-economical, shall be furnished in the preliminary inspection report.</p> <p>The transformers which are burnt by fire or having missing core and are expected to be not repairable within the economical limits, barring cases where the expenditure in setting right the core is small, no damaged transformer of this category are required to be inspected.</p> <p>Only those transformers which have been declared economically repairable shall be transported to contractor's works. If per chance during detailed inspection at contractor's works, it is found that the transformer is not economically repairable, no payment for the preliminary inspection shall be made to the Contractor and the contractor shall arrange transportation of damaged transformer to its original site at his own risk and cost.</p>
<p>7 (i)</p>	<p>RESPONSIBILITY OF THE SUPPLIER FOR EXECUTING THE CONTRACT RISK IN MATERIAL</p> <p>The supplier shall execute the contract in all respects in accordance with these terms and conditions. The material and every constitute part thereof, whether in possession or control of the supplier, his agent or servants and the purchaser, shall remain in every respect at the risk of supplier until its actual delivery to the consignee at the stipulated place or destination. The supplier shall be responsible for all loss, destruction, damage or deterioration of or to the martial from any cause whatsoever while the material after test and inspection is awaiting dispatch or delivery in course of transit from the supplier to the consignee. The supplier shall alone be entitled and responsible to make claims against the carrier in respect of non delivery, mis delivery, short delivery, loss destruction, damage or of the deterioration material entrusted to such carrier by the supplier for transmission to the consignee.</p>
<p>(ii)</p>	<p>CONSIGNEE'S RIGHT OF REJECTION</p> <p>Notwithstanding any approval which the purchaser may have given in respect of the material, it shall be lawful for the consignee to reject the material or any part thereof on behalf of the purchaser within a reasonable time after actual delivery thereof to him at the place or destination specified in Contract if the material or any part or portion thereof is not in all respects in conformity with the terms and conditions of the contract whether on account of</p>

	<p>any loss, deterioration or damage before dispatch or delivery or during transit or otherwise howsoever.</p> <p>The provision contained below relating to the removal of material rejected by the purchaser or his authorised agent shall, mutatis mutandis, apply to material rejected by the consignee as herein provided.</p> <p>If any material is rejected by the Purchaser or his authorised agent after tests and inspection or by the consignee, the material so rejected shall be removed from the premises of rejection by the supplier at his own cost. Such rejected material shall under all circumstances lie at the risk of the Supplier from the moment of such rejection; and if such material not removed by the Supplier within a period of 45 days, the Purchaser or his authorised Agent or consignee may dispose of such material in any way at the Supplier's risk and cost and retain such portion of the proceeds as may be necessary to cover any expense incurred in connection with such disposal shall, also be entitled to recover handling and storage charges for the period during which the rejected material is not removed.</p>
(iii)	<p>SUBLETTING AND ASSIGNMENT</p> <p>The supplier shall not save with the previous consent in writing of the purchaser sublet transfer or assign the contract or any part thereof or interest therein or behalf or advantage thereof any manner whatsoever.</p>
8	<p>ASSISTANCE TO SUPPLIER</p> <p>The supplier shall be solely responsible to procure any raw material, license or permit required for the fulfillment of the contract. Any assistance for the procurement or attempt to tender assistance in the matter aforesaid, shall not be construed or constitute any promise, undertaking or assurance on the part of the purchaser regarding the procurement of the same of effect any variation in the rights and liabilities of the parties under the contract.</p>
9	<p>FORCE MAJEURE</p> <p>The supplier shall not be liable for any loss or damage due to delay in manufacture or delivery of the material for reason arising out of compliance with regulations, orders or instructions of Central/ State Govt. Acts of God, acts of Civil and Military authorities, fires, floods, strikes, Lockouts, freight embargoes, war-risk, riots and civil commotion.</p> <p>Whenever the supplier is not in a position to supply the material within the delivery period and he wants extension in the due date (s) of delivery under this clause, he will request for such extension of the delivery period alongwith all necessary evidence, before the expiry of the scheduled date(s) of delivery. In no case, the delivery period shall be extended under this clause, in case the request is received after the due date of delivery has expired. Extension in the delivery period may be granted only for the period for which the completion of the work is proved by the supplier to have been delayed for circumstances</p>

	<p>mentioned in this clause.</p> <p>In all such cases, the Nigam shall have the option to accept any portion of the balance material and cancel the order for the rest, provided, however, if any material had been manufactured exclusively for the purchaser under this contract prior to the commencement of the force major circumstances, it shall be accepted by the purchaser and secondly, the cancellation will be without any liability for damages on the part of the supplier.</p> <p>The decision of the purchaser in all matters under this clause shall be final and binding on the supplier.</p> <p>Non-availability of raw material or any other similar cause shall not be considered as force major circumstance.</p>
10	<p>RESPONSIBILITY FOR SAFE CUSTODY OF TRANSFORMERS DURING EXECUTION PERIOD OF REPAIRERS</p> <p>The contractor shall be entirely responsible for safe custody of transformers from the date of damage transformers are received at their works from the consignee officers during the period of repairs, testing and upto the time of delivery after repairs or returns without repair if ir-repairable.</p>
11	<p>HANDING OVER THE DISMANTLED TRANSFORMERS</p> <p>. The transformers shall be lifted by the contractor/repairer firm with metal parts, bushing and windings after draining out the transformer oil and after completing all the formalities in the presence of Nigam officers/representative.</p>
12	<p>QUANTITY</p> <p>The purchaser reserves the right to give order for repair of damaged power transformers to each qualifying firm.</p> <p>The quantity of no. of transformers allotted / ordered on a firm can be increased / decreased by the respective Nigam even during the pendency of the contract without assigning any reasons.</p>
13	<p>NEGLIGENCE</p> <p>If the supplier shall neglect to execute the work with due diligence and expedition or shall refuse or neglect to comply with any reasonable orders given in writing by the purchaser or is authorised agent in connection with this contract or shall contravene this provision of the contract, the purchaser may give 15 days notice in writing to the supplier to make good the failure, neglect or contravention complained of and should the Supplier fail to comply with the notice within the above said time from the date of service thereof (in case of failure, neglect or contravention capable of being made good, within that time or otherwise within such time as may be reasonable necessary for making it good, then in such case, the purchaser shall be at liberty to take the work wholly or in part out of Supplier's hand and recontract at a reasonable price with any other person (s). in such event, it shall be lawful for the purchaser</p>

	to retain any balance which may otherwise be due by him to the Supplier on any account, and apply the same towards the execution of the whole of balance of the work so reconstructed, as aforesaid, if no such balance is due by him to the supplier or if due, is not sufficient to cover the amount thus recoverable from the supplier, it shall be lawful for the purchase to recover the whole or the balance of the amount from the supplier by action at law or otherwise. The remedy under this clause will be in addition to and without prejudice to right available to the purchaser under other clause of these terms and conditions.
14	DESPATCH OF MATERIAL AND DESPATCH INSTRUCTIONS The supplier shall be responsible to obtain complete Despatch instructions from the purchaser before the despatch of each consignment. The supplier sufficiently pack at his own cost the material for transit so as to ensure this being free from loss or damage on arrival without opening the packages while in transit at their destination. All containers in which the material is supplied shall be non returnable.
15	TERMINATION OF CONTRACT FOR DEFAULT 15.1 The purchaser may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the contract in whole or in part: (a) If the supplier fails to deliver any or all of the stores within the time period(s) specified in the contract, or any extension thereof granted by the Purchaser; or (b) If the supplier fails to perform any other obligation under the contract within the period specified in the contract or any extension thereof granted by the purchaser. (c) If the supplier, in the judgment of the purchaser has engaged in corrupt or fraudulent practices in competing for or in executing the contract (The definition of corrupt or fraudulent practices defined in the contract. 15.2 In the event the purchaser terminates the contract in whole or in part. Performance Security (Cash/Bank Guarantee) submitted by the firm/supplier shall be forfeited.
16	RESPONSIBILITY OF THE CONTRACTOR FOR COMPLETING THE ALLOTTED WORK: The contractor shall be entirely responsible for the execution of this contract in accordance with the terms and conditions, technical/commercial specifications and price schedule etc. The contractor shall not be relieved of any part of his obligation of meeting of the requirements of the specifications or of the responsibility of the correctness of the contractor's drawing/ proposals and test certificates even if these are approved by the Nigam.
17	NUMBER OF TRANSFORMERS TO BE CONTRACTED FOR: No guarantee can be given as to the No. of transformers which will be ordered/ delivered during the period of the contract upon any of the firm. But the Nigam undertakes to offer No. of transformers which shall be determined upon consideration of the tender for placing the contract simultaneously or at any time during the period with one or more contractors as the Nigam may think fit and of getting executed from any source to meet with the emergency in case he is satisfied that the contractor is not in a position to execute specific quantity of transformers allotted to him within the period in which works are required to be completed.
18	LAWS GOVERNING THE CONTRACT (i) This contract shall be governed by the Laws of India for the time being in force. (ii) Irrespective of the place of delivery place of performance or place of payment under the contract, the contract shall be deemed to have been made at the place from which the acceptance of tender has been issued. (iii) Jurisdiction of courts: The courts of the place from where the acceptance of tender has been issued shall alone have exclusive jurisdiction to decide any dispute arising out of or in respect of the contract.
19	CORRUPT OR FRAUDULENT PRACTICES The Nigam requires that Tenderers/ Suppliers/ Contractors observe the highest standard of ethics during the procurement and execution of Nigam contracts. In pursuance of this policy, the Nigam:-

	<p>(a) defines, for the purposes of this provision, the terms set forth as follows:</p> <p>(i) “corrupt practice” means the offering, giving, receiving or soliciting of any thing of value to influence the action of a public official in the procurement process or in contract execution: and</p> <p>(ii) “fraudulent practice” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Nigam, and includes collusive practice among Tenderers (prior to or after tender submission) designed to establish tender prices at artificial, non-competitive levels and to deprive the Nigam of the benefits of free and open competition;</p> <p>(b) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;</p> <p>(c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a Nigam contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a Nigam contract</p>
20	<p>PATENT RIGHTS</p> <p>The supplier shall indemnify the Purchaser against all third-party claims of infringement of patent, trademark or industrial design rights arising from use of the Goods or any part thereof in India.</p> <p>In the event of any claim asserted by a third party of infringement of copyright, patent, trademark or industrial design rights arising from the use of the Goods or any part thereof in the Purchaser’s country, the supplier shall act expeditiously to extinguish such claim. If the supplier fails to comply and the Purchaser is required to pay compensation to a third party resulting from such infringement, the supplier shall be responsible for the compensation including all expenses, court costs and lawyer fees. The Purchaser will give notice to the supplier of such claim, if it is made, without delay.</p>
21	<p>SETTLEMENT OF DISPUTES</p> <p>If any dispute or difference of any kind whatsoever will arise between the Purchaser and the Supplier in connection with or arising out of the Contract, the parties will make every effort to resolve amicably such dispute or difference by mutual consultation.</p> <p>If, after thirty (30) days the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of the matter may be commenced unless such notice is given.</p>
22	<p>ARBITRATION</p> <p>All matter questions, disputes, differences and/or claims arising out of and/or concerning and/or in connection and/or in consequences or relating to the Contract whether or not obligations of either or both parties under the contract be subsisting at the time of such dispute and whether or not the contract has been terminated or purported to be terminated or completed, shall be referred to the arbitration which shall be conducted by three arbitrators, one each to be nominated by the supplier/contractor and the Nigam (arbitrator to be approved by the Chairman UHBVNL & DHBVNL or authority of the Nigam authorised for the purpose by the Nigam) and the third to be named by the president of the institution of the Engineers, India. If either of the parties fails to appoint its arbitrator within thirty (30) days after receipt of a notice from the other party invoking the arbitration clause, the president of the institution of Engineers, India, shall have the power at the request of either of the parties, to appoint the arbitrator. A certified copy of the order of the institution of Engineers (India) making such an appointment will be furnished to each of the parties.</p> <p>The decision of the majority of the arbitrators shall be final and binding upon the parties. The parties to the contract agree that the cost of arbitration shall be as per instructions of the Nigam issued/prevalent on the date of appointment of arbitral tribunal. The arbitrators may, from time to time, with the consent of the parties enlarge the time for making the award. In the event of any of the aforesaid arbitrators dying, neglecting, resigning or being unable to act for any reason, it will be lawful for the party concerned to nominate another arbitrator in place of the outgoing arbitrator.</p>

	<p>The arbitrator shall have full powers to review and/or revise any decision, opinion, direction, certification or valuation of the Engineer in consonance with the Contract, and neither party shall be limited in the proceedings before such arbitrators to the evidence or arguments put before the Engineer for the purpose of obtaining the said decision.</p> <p>The objection that the Arbitrator has to deal with the matters to which the Contract relates in the course of his duties or he has expressed his views on any or all of the matters in dispute of difference, shall not be considered as a valid-objection.</p> <p>Subject to aforementioned provisions, the provisions of the Arbitration and conciliation Act, 1996 and the Rules there under any statutory modifications thereof for the time being in force, shall be deemed to apply to the Arbitrations under the clause.</p> <p>Where the value of the Contract is Rs. One Crore and below, the disputes or differences arising will be referred to the Sole Arbitrator. The Sole Arbitrator should be appointed by agreement between the parties; failing such agreement, by the appointing authority namely the Institution of Engineers (India).</p> <p>Notwithstanding any reference to arbitration herein,</p> <p>(a) The parties will continue to perform their respective obligations under the Contract unless they otherwise agree; and</p> <p>(b) The Purchaser will pay the Supplier any monies due to the Supplier.</p>
<p>23 23.1</p>	<p>BLACKLISTING OF THE FIRMS</p> <p>As the purchase order becomes a valid contract between the purchaser and supplier on the date of its issue, no further changes in the terms and conditions thereof are permissible and any request received in this regard from the supplier should be summarily rejected, making it clear to supply the goods strictly in accordance with the terms and conditions of the contract. It should be noted that such a liability can be enforced on the supplier only if the purchase order does not contain any term or condition contrary to what had been quoted in the supplier's tender. Once this is ensured, any attempt by the supplier to back out of his commitment should be taken a serious and his earnest money deposited be forfeited forthwith, without prejudice to any further legal remedies open to the Nigam under the relevant laws. Where necessary, the case of supplier illegally backing out of the commitment, should also be put up to the Board of Directors for consideration and to decide for black-listing of the firm and damages, if any, to be recovered.</p>
<p>23.2</p>	<p>Procedure for Blacklisting of firm</p> <p>In case the supplier intends to illegally back out of the commitment, the steps for blacklisting of the firm, besides enforcement of damages recoverable under the law will be taken as per procedure given below:-</p> <p>a) A notice shall be served by the purchasing department on the supplier by registered post/speed post bringing his defaults to his notice and asking him to complete all pending supplies / or to settle dispute within a period of 15 days from the date of issue of Notice.</p> <p>b) In case the firm fails to comply with the notice(s), a show Cause notice of 21 days shall be issued why the firm/supplier/contractor should not be blacklisted. In the Show Cause Notice complete details of the case, default committed by the firm/supplier/contractor and details of notices issued by the Nigam shall be incorporated.</p> <p>c) In case the supplier/firm/contractor fails to comply with the notice issued for blacklisting or does not respond to show cause notice or the reply as submitted is not found justified/convincing. The contract with the firm/supplier shall be terminated inter-alia taking other action as per regulation no. 20 & further the firm may be blacklisted with the approval of BODs.</p> <p>d) The period of blacklisting of the defaulting firm/ supplier/contractor will be approved upto 3 years by BOD's and shall be notified to all Power Utilities in the country and the names of such blacklisted supplier/contractor would also be put on the website of the Nigam.</p>

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____.

Event No. _____

Annexure-C

TECHNICAL SPECIFICATIONS FOR COMPLETE REPAIR AND TESTING OF DAMAGED COPPER WOUND POWER TRANSFORMERS OF 33/11 KV OF CAPACITY FROM 4 MVA TO 10/12.5 MVA & 33/3.3 KV OF CAPACITY 3.5 & 5 MVA.

1	SCOPE; This specification covers preliminary inspection detailed assessment and estimation of repair involved in complete repairs, testing and safe custody of power transformers of different makes and types lying damaged at various sites / workshops of the Nigam.
2	REPAIR WORK:
2.1	The repair work shall involve the following:- Preliminary inspection fo transformers at Nigam's site / workshop. Unloading of transformers at Contractor's works and or Railway Station of Contractor's works , opening of transformers cover, draining of oil if any, detanking core and coil assembly, assessment and estimation for repairs and replacement of damaged parts minor repair of any part, if required, cleaning, washing of dust and dirt etc, from all parts including core, tank, cooling tubes of the radiators, removal of damaged parts requiring replacement, fitting, fixing of new parts, making connections and assembly in all respects re-tanking after repairs, filling fresh transformer oil and making transformers ready for testing for all the tests as per Technical Specification and after satisfactory repairs & testing, loading of transformers at Contractor's works transportation from his works to the railway station and to the consignee concerned and unloading and loading of the transformer at the railway station, if required and to the consignee concerned etc. The charge from above works are covered under 'LABOUR CHARGES' to be specified at Sr. No. 1 of Price Schedule.
2.2	Painting and marking etc. as per Clause- 18 & 19 of the TECHNICAL Specifications. The charges for these works are to be specified at Sr. No.3 of Price Schedule.
2.3	In case transformers is found un-economical / irreparable during preliminary inspection, only preliminary inspection charges shall be paid as to be specified at Sr. No. 2 of Price Schedule.
3	SUPPLY OF NEW SPARE PARTS FOR REPLACEMENT OF DAMAGED PARTS
3.1	This will involve supply of part such as HV / LV leg coils, HV/LV bushings Metal parts for HV / LV Bushings, set of gaskets, silicagel breather, oil level gauge, Tapping Switch, its handle, oil drain vale, Filter valve, Dial type Thermometer, Double Float Buchloz Relay, Air Release plug, Pair of Arcing horns, radiators etc required for replacement of damaged parts. The rates for supply of such parts are to be specified at Sr. No. 4 (4.1 to 4.21) of Price Schedule.
3.2	The contractor shall supply the Sundry Items Viz cover bolts, plugs, caps, screws, washers, insulation material to be provided between HV / LV leg coils and inter- phase legs etc., such as pressphan board and ducts etc., as required for replacement and Aluminium name plates etc. to be provided on the repaired transformers. Prices of all above items including minor repairs of tank and all other small items not covered in 'PRICE SCHEDULE' elsewhere shall be treated as to be included in the price Sundry items, to be specified at Sr. No. 4.13 of 'PRICE SCHEDULE'.
3.3	In case repair of transformers require work / supply of items for replacement which are not covered in 3.1 & 3.2 above, the rates shall be decided mutually between the contractor and the CGM/MM, UHBVN, Panchkula / CE/MM, DHBVN Hisar.

	mechanism having suitable provision for indicating of tap position. Necessary arrangements shall also be provided for locking at any particular tap.
8.2	FOR 4 TO 6.3/8 MVA 33/11 KV RATING & 3.5 TO 5 MVA OF 33/3.3 KV RATING TRANSFORMERS (ON LOAD) Whenever the ON LOAD tap changing switch requires replacement it shall be replaced with OFF circuit pattern full capacity tap changing arrangement on HV Winding having tapings as per original design of the transformers and other provisions as per 8.1 above.
8.3	Tap changing arrangement for 10/12.5 MVA T/F will remain unchanged even after repair.
9.	CORE LAMINATIONS:
9.1	Normally the old core lamination are required to be used. However, in case some new core laminations are required to be used, the same shall be of high grade non- ageing, low loss and high permeability silicone steel lamination specially suitable for transformers core.
9.2	After being sheared to size, the lamination shall be treated and provided with insulation which shall be inert to the hot transformer oil.
9.3	After cleaning dust and dirt from the laminations, the core shall be rigidly clamped or bolted as per the original design to ensure operation. The bolt used in the assembly of the core shall be suitably insulated and clamping structure shall be so constructed that eddy current will be minimum.
10	WINDINGS:
10.1	The damaged winding requiring replacement shall be identical to the original one. All coil assemblies of identical voltage rating shall be inter- changeable. The coil shall be supported between adjacent sections by insulating, DOVE TAIL TYPE (locking arrangement) spacers and the barriers, bracing and other insulation used in the assembly of the winding shall be arranged to ensure free circulation of the oil and reduce hot spots in the windings.
10.2	All materials used in the insulation assembly of the windings shall be insoluble, non-catalytic and chemically inactive in the hot transformers oil and shall not soften or otherwise be adversely affected under the operating conditions.
10.3	All threaded connections shall be provided with suitable locking devices. All leads from the winding to the terminals and bushings shall be rigidly supported to prevent damaged due to vibrations/transportation. It would be preferable to use sleeves wherever applicable.
10.4	The winding shall be clamped securely and placed so that these windings do not get displaced or deformed during short circuits. In case there is no provision of the rods in the clamping arrangements for the same shall be provided in repaired transformers without any additional charges. The assembled core and windings shall be dried in heating chamber till the proper meggar value is received. The copper conductor used in the coil structure shall be best available to the requirements and all permanent current carrying joints in the windings and the leads shall be welded or rigidly clamped.
11	FREQUENCY: The repaired transformers shall be suitable for continuous operation with a frequency variation of +/- 5% from normal frequency of 50 Hz without exceeding permissible temperature rise.
12	PARALLEL OPERATION: The repaired transformers of the same make capacity type voltage ratio and vector group shall operate satisfactorily in parallel among themselves when connected across HV & LV bus bars.
13	NO LOAD VOLTAGE RATION: The no-load voltage ration of the repaired transformers shall be same as that of the original transformers.
14	HIGHEST SYSTEM VOLTAGE: The highest system voltage may be as high as 1.10% of the normal system voltage. The repaired transformers shall be suitable for continuous operation with this voltage on the HV side.

15	TRANSFORMER OIL: The transformer shall be filled with fresh oil as used for the first filling. The oil shall conform to IS-335/1983 and any amendments thereof. After the transformer oil poured into the transformer, oil should conform to ISS-1866/2000.
15.1	In case any firm is supplying T/F oil from its own source, they will also supply the test certificates.
16	TESTS: Each and every repaired transformers shall be subjected to all the routine tests as per ISS-2026/1977 and any amendments thereof if applicable as detailed below:-
i	Measurement of winding resistance C1.16.2 of Part-I
ii	Impedance Voltage (C.16.4 of Part-I)
iii	Ration Polarity & phase relationship (C1.16.3 of Part-I)
iv	Load losses (C1.16.4 of Part-I)
v	No Load losses & No. load current (C1.11 of Part-III)
vi	Insulation Resistance (C1.16.6 of Part-I)
vii	Induced Over voltage withstand (C1.11 of Part-III)
viii	Separate source voltage withstand (C1.10 of Part-III)
ix	Di-electric strength test on transformer oil as per ISS-335/1983 and any amendments thereof.
17	LOSSES: Core losses should be as per relevant ISS and Copper Losses should not exceed 5% of the value mentioned on the name plate of the transformer. In case losses on the name plate of the transformer has not been mentioned then the losses of respective transformers will be considered as per CBIP manual.
18	PAINTING:
18.1	All the external surfaces shall be given two coats of paint. The final coat shall be given a glossy oil and weather proof non –fading of shade 631 of S-5
18.2	The inside of the transformer shall be given suitable priming coat and two coats of best paint of zinc chromate or any other approved oil resistant paint which may not cause any chemical reaction with the transformer oil. The radiator tubes and conservator shall be painted from inside after proper cleaning.
19	MARKING
19.1	After satisfactory repairs and testing the Contractor shall have to clearly print in white paint following details on the body of the repaired transformer for the purpose of identification: Repaired by M/s Contract No.date..... Specification No. Inspected and Tested on
19.2	The Contractor shall also fix aluminium plate of length 10 cm and its width may be kept the same as that of original transformer manufacturer's name plate. This plate shall be fixed firmly by rivets (not by screws) on the body of the repaired transformers just below the original manufacturer's name plate or at any other suitable place if the same is not possible. The punched letter will be painted with good quality black paint for clear visibility. The details to be punched on the plate will be as per specimen given below:- Sr. No. Name of Repairer Date of Repair* Specification No. Date of** Of repair contract damage Cost of the above is deemed to be included in sundry items and no extra payment shall be made. *Here the date of successful inspection shall be mentioned ** To be punched by Division to whom the transformer pertains
20	TRANSFORMER OIL:
20.1	The transformer oil to be lifted in the transformers shall be purchased by the contractor directly from the leading transformers manufacturer such as M/s Apar Mumbai, M/s

	Savita Chemicals Mumbai, M/s Rinki Petrochemicals Baroda at the time of inspection, the contractor shall produce a certificate from the manufacturer that the transformer oil confirms to ISS-335/1983 and any amendment thereof. The purchaser reserves the right to draw required number of samples from the storage tank of the transformer oil and from the tank of transformer for the purpose of testing. The sample shall however be drawn and sealed in the presence of the contractor. The purchaser further reserves the right to get these samples tested from any reputed Test House / Laboratory. The similar conditions are also applicable for all other major items of raw material.
20.2	GASKET SETS:
	The gasket sets shall be type (B) conforming to IS-4253/P-II/1980 and any amendment thereof. The gasket to be used in the repair of these transformers shall be of M/s Talbros Fadabad or Everest Calcutta or M/s Maxworth Calcutta. The contractor shall at the time of inspection produce a certificate from the manufacturer that the gasket conform to the latest ISS-4253/Part-II.
20.3	Bushings: The bushings shall conform to the latest ISS-3347. These shall be procured from reputed firms having ISI certification mark. The contractor shall at the time of inspection produce a certificate from the manufacturer that the bushings conform to latest ISI.
20.4	Inter layer insulation shall be procured from M/s Senapathy Whiteley Bangaluru/ Chennai or M/s Raman Boards Bangluru.
20.5	In case of other items for which IS specification exists, the same shall be procured from such firms having ISI Certification.
20.6	Items for which IS had not yet been framed the material shall be procured from the reputed and standard manufacturers.
	Note: 1). The make of items mentioned above have been specified to ensure the quality of these items. In case repairer finds some equipment of better alternative, he shall furnish a copy of the technical specification, details of design, relevant drawings, name of the manufacturer his monthly production capacity list of users of that particular item to seek approval from this office before the use of the same. 2). The inspecting officer of the purchaser shall have the right for checking the records maintained by the repairer pertaining to the receipt and issue of all major components / parts / raw material. The contractors can be asked to produce requisite test certificate for each and every consignment of transformers oil and other major items / raw material
21	CHANGE OF DESIGN: In case of firm represents about the change in design and coil on account of practical difficulties the same shall be entertained on case to case basis.
22	TERTIORY WINDING: The transformers having unloaded tertiary winding may require removal of tertiary winding. In such case, UHBVN/DHBVN may ask the firms to enhance the capacity of the T/F by upgrading the primary & secondary winding to fill up the void created by removal of tertiary winding. The same shall be done on the offer of repairing firm and payment shall be made as per revised. All other parameters of upgraded capacity shall be the responsibility of repairing firm.

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____.

Event No. _____

Annexure-D

COMMERCIAL TERMS & CONDITIONS OF THE REPAIR CONTRACT

1 i	<p>SECURITY DEPOSIT:</p> <p>SECURITY AGAINST SAFE CUSTODY:</p> <p>The firms shall be required to submit bank guarantee for the safe custody of the transformers before lifting the same from the Nigam's work/site as per schedule given below for different capacity of the transformers.</p> <p>Upto 8 MVA = Rs. 10 Lac each transformer. 10/12.5 MVA = Rs. 15 Lac each transformer.</p> <p>This bank guarantee shall be submitted to the XEN/TRW UHBVN, Dhulkote/ XEN/T&S Divn., DHBVN, Hisar and thereafter XEN/TRW UHBVN, Dhulkote/ XEN/T&S Divn., DHBVN, Hisar will issue the lifting orders of transformer to the contractor for repairs. This bank guarantee shall be released within 3 month from the receipt of repaired transformers. The repair contract may be deemed to be cancelled, if the contractor does not come forward for the lifting of allotted transformer within 30 days from the placement of order upon him.</p> <p><u>Penalty on a/c of delay in submission of BG:</u></p> <p>Penalty @ 0.05% per day of the value of BG with a ceiling of 2% of the value of BG would be charged from due date of submission till the BG or DD in lieu of BG is submitted by firm.</p> <p>The Bank Guarantee submitted by the tenderer/supplier/contractor as security/performance security will be verified from the issuing Bank branch, before acceptance by the concerned office of the Nigam and the payment to the supplier/contractors shall be released after receipt of the verification of the Bank Guarantee by the concerned Bank.</p> <p>The Haryana based manufacturing Micro & Small Enterprises (including Khadi and Village Industries units), successful bidder shall be entitled to 50% concession on deposit of the security amount.</p>
ii.	<p>PERFORMANCE GUARANTEE:</p> <p>The contractors are required to deposit the B.G. of amount equivalent to 10% of the billed amount for repair for each transformers up to maximum B.G. of Rs. 15 Lacs against the contract. The performance guarantee shall remain valid for 90 days after the expiry of warranty period. This bank guarantee shall be furnished by the firm at the time of delivery of transformers after repair. Till the submission of said BG, 10% amount of bill for repaired T/F shall be retained by payment authority.</p>
2	<p>EARNEST MONEY DEPOSIT:</p> <ol style="list-style-type: none">i. The earnest money furnished by the unsuccessful tenderers shall be released immediately after finalization of tender & earnest money furnished by successful tenderers shall be released after submission of performance Bank Guarantee by them as per terms & condition of tender conditions.ii. Performance Bank Guarantee shall be retained by the purchaser for the period valid for 90 days after the expiry of warranty period as per clause of 'WARRANTY'.iii. No claim of the supplier shall lie against the purchaser either in respect of interest or any depreciation in the value of security deposit.iv. If, the supplier fails or neglects to observe or perform any of his obligations under this contract, it shall be lawful for the purchaser to forfeit either in whole or in part, in his absolute discretion, the security deposit furnished by the supplier. <p>The forfeiture of security deposit shall be without prejudice to the right of the purchaser to</p>

	recover any further amount of any liquidated and/or other damages, undue payment or overpayment made to the supplier under this Contract or any other contract.
3	<p>PRICES</p> <p>The prices of all items are FIRM except that of HV/LV Leg coils and transformer oil. The prices of transformer oil and leg coils will be paid as per IEEMA rates (HCL electrolytic copper wire bar) with base date, 1st day of the previous month of the date of opening of tender, as per formula given below:-</p> <p>(A) HV/LV Coils</p> $PA = Cp + 1.1 \left\{ \frac{(Y \times Cu) - (E \times CUB)}{Z} \right\}$ <p>Here:</p> <p>PA = Price of HV & LV leg coils to be paid on payment date.</p> <p>Cp = Contract rate for HV & LV leg coils on base date _____ (i.e. 1 month prior from the <u>date of tendering</u>).</p> <p>1.1 = Conversion factor from bare copper conductor to DPC wires and strips.</p> <p>Cu = Rate of HCL, sale price of electrolytic copper wire bars issued by IEEMA applicable 1 month prior to the date of readiness of the transformer i.e. date of call of first stage inspection or 1 month prior to the schedule delivery period as per contract whichever is less.</p> <p>CUB = Rate of HCL, sale price of electrolytic copper wire bars published in IEEMA circular for the base date on tender enquiry.</p> <p>Y = $\frac{100 + \text{rate of E.D. on DPC copper wire}}{100}$ * 100 * (prevalent one month prior to the date of readiness of transformer i.e. date of call of first stage inspection or 1 month prior to scheduled delivery period as per contract whichever is less).</p> <p>E = $\frac{100 + \text{rate of ED on DPC Copper wire bars on base date}}{100}$.</p> <p>Z = $\frac{100 + \text{rate of ED prevalent on base date}}{100}$.</p>
	<p>(B) Transformer Oil</p> <p>The price variation will be paid on either side as per the following formula for transformer oil.</p> <p>Payable rate for oil = $\frac{\text{Rate fixed by the Nigam}}{\text{Rate of Transformer Oil as per IEEMA as on base date}} \times \frac{\text{Rate of Transformer Oil as per IEEMA one month prior to the to the date of call for final inspection or 1 month prior to scheduled delivery period as per contract whichever is less}}$</p> <p>Note:- Rate of transformer oil as per IEEMA excluding cost of drum.</p>
	<p>C) Excise Duty:</p> <p>Excise duty and other Govt. levy on the parts used in the repaired transformers which is locally applicable shall be paid extra at actual on production of necessary documents in proof of having paid the said amount. No. E.D., whatsoever, be payable to the units who are exempted from paying excise duty.</p>
	<p>D) Central Sales Tax :</p>

	Central Sales Tax shall be paid extra at actual as legally applicable on components used in the repair of transformers.
	<p>E) VAT/ CENTRAL SALE TAX</p> <p>The Purchaser shall pay Central Sale Tax /Value Added Tax at the prescribed rates (if applicable) on the production of the following Certificates by the supplier/repairer in triplicate:</p> <p>(i) Certified that the transaction in which the sales tax /Value Added Tax has been claimed has been/will be included in the return submitted/to be submitted to the Taxation authorities for the assessment of Central Sales Tax and amount claimed from the Dakshin Haryana Bijli Vitran Nigam has been/shall be paid to the Sales Tax authorities.</p> <p>(ii) Certified that the goods on which the Sales Tax /Value Added Tax has been charged in Bill No. _____ dt. _____ for Rs. _____ have not been exempted under the Central Sales Tax Act 1956/ Haryana VAT Act 2003 or the rules made thereunder and the charges on account of Sales Tax on these goods are correct under the provision of the relevant Act or the Rules made thereunder.</p> <p>(iii) Certified that we shall always indemnify the Dakshin Haryana Bijli Vitran Nigam in case it is found at a later stage, that wrong or incorrect payment had been recovered on account of Sales Tax paid/to be paid by us.</p> <p>(iv) Certified that we are registered as a dealer under the Central / State Sales Tax/VAT and our registration No. is _____. Provided that in respect of the item at Sr. _____ and of clausSub-section (I)(a)(III) of Haryana General Sales Tax Act 1973.</p>
4	<p><u>PRICE FALL CLAUSE:-</u></p> <p>i) The prices charged for the various parts / components / labour, supplied under contract by the firm shall in no way exceed the lowest price at which the firm sales the various parts / components / labour or offer to sell various parts components/labour of identical description to any person/organization including the purchaser or any other department of the central Govt. or any Deptt. of the State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be during the delivery period till performance of all supply orders placed during the currency of the contracts is completed.</p> <p>ii) If at any time during the said period the firm reduces the rates of sales prices sells the contract or offer to sell such various parts / components /labour to any person / Organization including the purchaser or any Deptt. of Central Govt. or any Deptt. of the State Govt. or any Statutory Undertaking of the Central or State Govt. as the case may be at price lower than the price chargeable under the contract, shall forthwith notify such reduction / sale or offer to sale to the respective Nigam (UHBVN / DHBVN) and the price payable under the contract for the various parts / components / labour supplied after the date of coming into force of such reduction or sale offer to sale, shall stand correspondingly reduced.</p> <p>iii) The firm shall furnish the following certificates to the concerned Consignee's alongwith each bill or payment for repair of transformers made against the contract:- "I / we certify that there has been no reduction in sale price of the various parts / components / labour of description identical to the various parts / components / labour supplied to UHBVN/DHBVN under the contract herein and such various parts / components / labour have not been offered and sold by me / us to any person / organization including the purchase of any Deptts. Of the Central Govt. any Deptts. Of the State Govt., any statutory undertaking of the Central or State Govt. as the case may be upto the date of bill / date of completion of supplies against all supply orders placed during the currency of the contract at a prices lower than the prices charged to UHBVN/DHBVN under the contract".</p> <p>iv) The firms will enter into an agreement with the Nigam to ensure that there is no fall in the prices of the contract and in case of any such price fall, the rates of the material will be revised as per any decrease in price. The above price fall clause is applicable only for state of Haryana.</p>
5	<p><u>TRANSPORTATION CHARGES FOR TRANSFORMERS:-</u></p> <p>The transportation of damaged transformers from the Nigam's Store/ site to Contractor's</p>

	<p>works and transportation of repaired transformers from contractor works to the Nigam's site shall be the responsibility of the contractor. The freight and insurance shall also be the responsibility of the firm who will include these charges in their offer under the heading labour charges.</p> <p>The un-loading of damaged transformers and loading of the repaired transformers at contractor's works and if required at nearest railway station/ railway siding along with transportation from railway station/ siding to contractor's works and back shall be contractor's responsibility. The transportation of repaired transformers from the contractor's works shall be done as per Dispatch Instructions issued by the SE(S&W), UHBVN, Dhulkote/COS, DHBVN, Hisar.</p>
6	<p>DISPOSAL OF TRANSFORMER OIL:-</p> <p>The old transformer oil shall be drained out by the consignee officer before handing over the damaged transformers to the contractor for repairs. The oil stock register, page no. & item no. vide which old transformer oil is received back from the damaged transformers shall be mentioned on the joint inspection report of respective transformers so that credit on account of transformer oil is allowed in the estimate of repair. However, if by over sight any damaged transformer is sent for repair without draining out the old transformer oil or some oil is left out in the transformer tank the old transformer oil shall be drained out of the damaged transformer, whether useable or not by the contractor and the same shall be returned by the contractor to the concerned consignee, failing which recovery of the cost of the same shall be made at the rate of 10% higher than the prevailing rate of transformer oil.</p> <p>All repaired transformers shall be filled with fresh transformer oil as detailed in Technical Specifications. The fresh transformer oil shall be filled upto the required level and billed as per quantity mentioned in the name plate / JVR of the transformer or actually poured in the transformer, whichever is lower</p>
7	<p>RESPONSIBILITY FOR SAFE CUSTODY OF TRANSFORMER DURING EXECUTION PERIOD OF REPAIR.</p> <p>The contractor shall be entirely responsible for the safe custody of the transformer, after receipt of damaged transformer in his works till it is handed over back to the Nigam after repair or being found un-economical for repair. In case power transformer repaired is damaged within warranty period, the contractor shall deposit safe custody Bank Guarantee to the amount already required under clause No. 1(i) above after adjustment of performance Guarantee submitted by the firm before lifting of transformer.</p>
8	<p>JOINT INSPECTION:-</p> <p>Immediately after the receipt of damaged Power transformer, the contractor shall inform CGM/MM, UHBVN / Chief Engineer/MM, DHBVN through Fax of having received the quantity and capacity of each damaged Power transformer requesting him to arrange joint inspection. The Chief Engineer/MM, DHBVN/ UHBVN will depute Nigam officers immediately on receipt of fax and the JVR should be completed within 10 days positively.</p> <p>The joint inspection shall be carried out by the representative of the contracting firm in the presence of officers so deputed by this office.</p> <p>The contractor shall not refuse for joint inspection when the UHBVN/ DHBVN team arrives in his works for the purpose. Necessary facilities shall be provided by the contractor during the joint inspection to assess the extent of repair/ replacement involved. In order to avoid delay and un-necessary detention of the inspecting officer, the contractor shall also ensure that their technical representative is always present for joint inspection and preparation of estimate. The joint inspection report shall clearly indicate whether a particular item being provided is for replacement of the defective/damaged or missing components.</p> <p>After joint inspection by UHBVN/ DHBVN for assessment and estimation of repairs, the contractor shall retain at-least one sample of the damaged/ burnt leg coils of each type, duly tagged with the details such as make, type and capacity of transformer, weight of the leg coils and name of the division etc. duly signed by the joint inspecting officer under his seal till the time of inspection and testing by inspecting officer of CGM/MM, UHBVN / Chief Engineer/MM, DHBVN for the purpose of verification of the technical details of fresh leg coils used by the contractor on the repaired transformers. The remaining old damaged/ burnt leg coils shall,</p>

	<p>however, be mutilated by the joint inspecting officers at the time of assessment and estimation of repairs and a certificate to this effect shall be recorded by them under their seal.</p> <p>“Certified that one sample of the burnt/ damaged leg coils of the type as required for replacement in this transformer has been properly tagged with necessary details and kept with contractor for the purpose of verification by the Inspecting Officers of CGM/MM, UHBVN / Chief Engineer/MM, DHBVN and remaining _____ leg coils bearing SI. No. _____ Completely mutilated by us.”</p>
9	A transformer is to be declared uneconomical for repair if the total estimate of repair of the T/F exceeds 50% of the cost of the new T/F.
10	<p>PREPARATION & SUBMISSION OF ESTIMATE:</p> <p>For estimation purpose, the weight of new leg coils shall be same as that of the old burnt/damaged leg coils taken out of from the damaged transformer. However, the billing shall be done on the basis of actual weight ascertained at the time of stage inspection. As the design of the transformer under repair is to be kept as per the design of old/burnt leg coils and these coils have soaked oil, therefore, there arises no question that the new coils shall have more weight than that of damaged/ burnt leg coils. However, all individual cases of variation in weight on positive side shall be referred by the contractor to the CGM/MM, UHBVN / Chief Engineer/MM, DHBVN for decision. In such cases resistance of sample leg coils shall also be measured by inspecting Officers and will be recorded on test results. Justification of the excess weight as compared with weight of old coils shall be furnished by the firm. Such transformers shall not be dispatched till decision is taken. Financial liability on this account shall also be calculated.</p> <p>XEN/TRW, UHBVN / XEN/T&S, DHBVN shall prepare seven copies of estimate for repairs of each & every transformer shall be prepared and signed by the contractor as well as the representative of the Nigam as token of having consented for the extent of repair involved. Contractor shall also ensure that six copies of the estimate are submitted to CGM/MM, UHBVN / CE/MM, DHBVN through XEN/TRW / Xen/T&S within seven days of joint inspection for being sanctioned. The estimates submitted for repair work will be approved by the CE/ MM, DHBVN/ UHBVN within 10 days. Three copies of the same will be forwarded to the contractor as a token of giving go ahead for repairs with a copy to Xen/T&S/ XEN/TRW & AEE/TRW concerned.</p> <p>Out of three copies of the approved estimate received by the contractor, one copy shall be retained by him for this record and one copy shall be attached by him along with the bill after satisfactory repairs and testing. The remaining spare copies of the approved estimates shall be given by the contractor to the inspecting officers along with a copy of joint inspection report at the time of inspection and testing of repaired transformers to facilitate checking and to ensure that the repairs have been strictly as per approved estimate.</p>
11	<p>ISSUE OF DETAIL WORK-ORDER</p> <p>SE/Stores & Workshops UHBVN, Dhulkote / Controller of Store DHBVN Hisar will place a detailed work order upon the contractor giving details of the expenditure involved on the basis of JVR- cum- Estimate approved by CGM/MM, UHBVN Panchkula / CE, DHBVN, Hisar within 30days from the date of lifting of power transformer(s).</p>
12	<p>SALVAGE:</p> <p>The salvage of damaged parts other than leg coils, damaged metal parts of the bushing and transformer oil, requiring replacement shall, however, be property of the contractor. The cost of burnt damaged leg coils shall be worked out on the basis of rate of copper scrap, based on scrap rates published in Economics Time on the date of JVR and Cost of scrap including sale Tax, prevailing at that time, shall be recovered from the bills of repaired transformers.</p>
13	<p>EXTRA WORK:</p> <p>The contractor, when asked in writing by the Nigam to perform extra work and supply extra material not covered by the specifications and not forming part of the enquiry but essentially required for completing repair of the transformer as specified under technical specifications, shall perform such work and supply such material. Such work and material shall be paid extra at the rates and terms to be mutually agreed upon. However, the contractor shall intimate such work in the first instance i.e. at the time of J.V.R.</p>
14	INSPECTION & TESTING:-

a) Random Checking :

The random checking of coils and core assembly of repaired transformers can be done by an officer deputed by CGM/MM, UHBVN Panchkula / CE/MM, DHBVN, Hisar before boxing and tanking of transformers to check actual repairs done as per provisions of the estimate and to examine the quality of raw material used and the workmanship etc. The officer carrying out above checking shall give following certificate which shall be produced by the repairer at the time of final inspection and testing by Officers:

“Certified that I have carried out random checking of repair work of transformer of capacity _____ MVA bearing SR. No. _____ of make _____ before boxing of the transformer on dated _____ and I have found that repair has been done according to the provisions of the estimate and the quality of raw material and workmanship is also satisfactory.”

The Engineer of the Nigam reserves to itself the right of having at contractor's expenses any test of reasonable nature carried out at the contractor's premises or at site other than his premises in addition to the tests included in the contract to satisfy himself that the spares supplied and repair work carried out by him comply with the specifications. The contractor shall be required to rectify the defects found in such tests before offering the material for inspection. -

b) Stage inspection : The contractors shall give a call for stage inspection after the fabrication of HV/ LV coils and other repair work required to the tank and accessories of the transformer before boxing up the coils in writing. The stage inspection shall be carried out by the officers deputed by the Nigam for the purpose and they will record in their report, the detailed parameters of the coils manufactured by the contractor and compare these details with the details given in the JVR. Where-ever any considerable variation is noticed by them, suitable comments may be added by them. This inspection in all probability shall be carried out within 15 days from the date of receipt of such call from the contractor.

c) Final Inspection & Testing:

The contractor shall give 15 days notice to the Nigam for the final inspection and testing of the transformer as per tests included in the Technical Specifications so that it may depute its officers for inspection and testing in time. While giving such call the contractor shall supply a list mentioning actual weight on the leg coils and transformer oil used in the repair work and results of internal testing. A copy of the stage inspection report shall be produced to the team of officers deputed for final inspection by the contractor. The inspecting officer should verify the particulars submitted by the contractor with the stage inspection report before the commencement of testing of the transformer. The inspecting officer shall conduct all the tests, required to be carried out, as contained in the Technical Specifications and covered under ISS-2026/1997 and amendment thereof. The results of the above testing shall be recorded in the test results sheet which is required to be sent to the office of the SE/S&W, UHBVN / COS DHBVN Hisar in original for verification and approval of test results and issue of dispatch authorization to the firm. The team of inspecting officers is also required to offer suitable comments and recommendations in their report to facilitate SE/S&W, UHBVN / COS DHBVN Hisar for release of dispatch authorization. The inspecting officers shall take at least two samples of oil from any lot of repaired transformers, to ensure that the transformer oil used complies with the requirement of specifications. Two samples of transformer oil may also be drawn from the lot of transformer oil in drums / storage tanks, received by the firm from the oil suppliers, to check the conformity as per ISS at random, before dispatch. The dispatch of such lot shall be allowed after receipt of satisfactory test report from a reputed lab at the expenses of UHBVN/ DHBVN.

In case, the oil sample fails completely/partially, the firm will be informed to get test 2nd oil sample (counter sample) completely/partially, the same will be got tested at their cost. In case sample test result found within permissible limits, the firm shall be liable for payment of testing charges of counter sample, otherwise the firm has to pay testing charges of both the oil samples, besides expenses incurred on inspection & testing of transformers.

The firm shall offer fresh Final call inspection thereafter.

15	<p>Incorrect / fake inspection call :- The firm shall give the call for specific inspection only when the material is completely ready as per the provisions of contract. Inspection of material before dispatch shall be carried out by third party such as Nuclear power corp./ERDA or Nigam's own officers etc. In case of fake inspection call, the firm shall be required to remit Rs. 20000/- as penalty for every such call made by the supplier. In addition to this a fixed amount of Rs. 5000/- per man-day would also be payable by the bidder in case inspecting officer deputed by Nigam and in case of 3rd party inspector, the amount shall be as per actual bills submitted by them. In case of joint inspection, the bidder shall be liable to pay Rs. 5000/- per man-day for the Nigam's inspector and amount of actual bills submitted by the 3rd party agency.</p>
16	<p>VERIFICATION OF DOCUMENTS REGARDING PURCHASE OF TRANSFORMER OIL</p> <p>The Nigam has the option to verify at any stage of the documents so as to verify that the repairer had actually purchased the new transformer oil confirming to IS-335, latest amendments as per the quantity actually required by the repairer for repair / manufacture of new transformers. The firm will furnish copy of test certificates from the supplier of transformer oil.</p>
17	<p><u>DISPATCH OF MATERIAL & DISPATCH INSTRUCTION</u></p> <p>Having found the test results and other parameters of the transformer under repair with the contractor within the permissible limits, the SE/S&W, UHBVN / COS DHBVN Hisar shall issue the dispatch authorization for the dispatch of transformer.</p>
18	<p>DELIVERY:-</p> <p>(i) The supplier shall deliver the material in accordance with the terms and conditions of the contract at the time/times and at the place/places and In case the due date of delivery in terms of delivery schedule falls on a holiday or holiday is subsequently declared on that date, the firm shall be required to complete the supply by the first working day falling next to the due date. The delivery period shall be counted from the date of lifting of transformer by the contractor. The transformer shall be returned back duly repaired by the contractor within 90 days from the date of work order as explained above.</p>
(ii)	<p>DAMAGES FOR DELAY IN DELIVERY: The penalty @ ½ % per week or part thereof shall be levied if the delivery of the transformer duly repaired is not made within schedule of delivery (delivery period). In case the transformers are not delivered even up to 10 weeks after the expiry of delivery period, the penalty shall be enhanced @ 1 % per week or part thereof subject to a maximum of 10 % of the total cost of the work order. The Nigam reserves the right to take back the damaged transformer from the contractor at firm's risk and cost if the delivery of the transformer is delayed beyond 4 months of the expiry of the delivery period. In this case the security/earnest money deposited by the firm shall be forfeited.</p>
(iii)	<p>PASSING OF A PROPERTY: Property in the material shall not pass to the contractee unless and until the material has been delivered to the consignee, in accordance with the terms and conditions.</p>
(iv)	<p>TAKING OVER CERTIFICATES: The consignee (s) shall issue a taking over certificate after the material has been received at site (s), taken into possession, inspected, counted, measured and the supplier has supplied the copies of tests and inspection-certificate, if any.</p>
(v)	<p><u>Extension in delivery period.</u></p> <p>Any genuine delay in the conducting inspection, approval of inspection test report and test certificate for allowing dispatches or any other reason on the part of the Nigam will count towards extension of the delivery period by corresponding period other than admissible under</p>

	force majeure condition, if any, substantiated by the supplier / contractor and duly accepted by the purchaser. The SPC is empowered for the extension in delivery period.
19	<p>DOCUMENTATION/SUBMISSION OF BILLS:-</p> <p>The bills shall be pre-receipted and submitted to the AEE/TRW with complete documents. The incomplete bills not accompanied by any of the documents listed in the check list shall not be accepted by AEE/incharge and shall be returned on the spot with the remarks pointing out the missing documents. The bill shall be entertained only if all the documents are furnished by the firm. The AEE shall process the bills and forward the same to respective XEN / TRW, UHBVN, Dhulkote for pass and further to Sr.A.O. (S&W), UHBVN, Dhulkote for payment / XEN/TRW, DHBVN, Hissar for pass and payment.</p> <p>The following documents are required to be submitted along-with the bills for repair of damaged power transformers.</p> <ol style="list-style-type: none"> 1. Bills in triplicate duly pre-receipted. 2. One copy of the receipted challan for the transformers delivered after repairs. 3. Bank Guarantee in original for the amount specified in the contract to be submitted as security for performance of the contract valid for a period of 3 months after completion of the contract including warranty period. The non-judicial stamp paper for bank guarantee should be purchased in the name of guarantor bank. 4. Warranty deed on non-judicial stamp paper duly executed strictly as per wording provided in the contract. 5. Photocopy of Joint Inspection Report at the workshop premises prepared at the time handing over of T/Fs. 6. Copies of the sanctioned estimates. 7. Photocopy of the final inspection report carried out by the Inspecting Officer. 8. Photocopy of the stage inspection report. 9. List of weight of HV/LV Leg coils and quantity of T/F oil used in each transformer as per JVR & Stage Inspection duly verified by the Inspection Officer as required in the contract. 10. Certificate of the firm as required in the contract. 11. Certificate of the firm that HV/LV leg coils as fitted in the transformers are being manufactured at their premises. This certificate is required, if E.D. is payable separately. 12. Certificate to the effect that test certificates of individual transformer have been supplied to the concerned consignee of XEN/TRW/UHBVN/DHBVN. 13. Photocopy of the Test Certificate showing the transformer oil used by the party is as per latest ISS-335 duly verified by the Inspecting Officer. 14. Photocopy of invoices showing that transformer oil has been purchased from the reputed suppliers who have got ISI, Certification mark alongwith a certificate of the Inspecting Officer that the transformer oil used by the party has been verified to be purchased from reputed firms who has ISI certification mark. 15. Photocopy of invoices showing purchase of all other raw material used in the repair of T/Fs has been purchased from the suppliers who have got ISI certification (where applicable) or from reputed suppliers. 16. Copy of letter of the firm vide which the intimation was sent for stage inspection. 17. Copy of letter of the firm vide which the intimation was sent for final inspection. 18. The bill supported with the above document must be submitted to AEE/TRW concerned from where the transformers were lifted. 19. All photocopies attached with the bills should be got attested from any AE/AEE/XEN/TRW or Gazetted Officer/Oath Commissioner or the signatory of the invoices of the firm himself. 20. Proof of deposit of cost of scrap. <p>The contractor shall record the following certificate on the invoice/ challan while dispatching the transformer to the consignee: “Certified that the consignment sent through this invoice has been inspected and tested</p>

	<p>by the representative of the CGM/MM, UHBVN/ CE/MM, DHBVN, Hisar on _____ in accordance with the condition of the repair contract. The test results have been found to be within the values specified in the relevant ISS/ contract. A true copy of the test results is enclosed.”</p> <p>The Bill shall be prepared after updating the prices of leg coils and transformer oil in terms of price variation clause included in the contract. Any change due to price variation in the total expenditure shall be payable irrespective of prevailing economical limit of repair. The price variation shall be paid only up to the currency of the contract.</p>
20	<p>TERMS OF PAYMENT:</p> <p>The payment of repaired power transformer will be made after satisfactory repairs as per following schedule:-</p> <p>i) 90 % payment of billed amount on account of repairing charges shall be made on 30th day from the date of receipt of material by the consignee or submission of documents i.e. bills/invoices in triplicate, receipted challan, joint verification report, stage/final inspection report, test certificates etc. whichever is later. This payment shall be made after deducting/adjustment of salvage value of scrap of damage HT/LT copper coils and other metal parts as per clause no. 12 i.e. Salvage.</p> <p>ii) Balance 10% payment shall be made after submission of required B.G. from scheduled / nationalized Bank of equal amount by the firm as performance guarantee as per clause no. 1 above.</p> <p>Further a rebate of 0.35 percent per week or part thereof shall be availed of by the Nigam if payment is made earlier than the period specified above. The rebate will be calculated on the payable amount.</p> <p>All payments shall be made by the purchaser or his authorized agent to the supplier in rupees in India.</p>
21	<p>WARRANTY :</p> <p>The repairer shall be responsible to replace free of cost with no transportation and insurance expenses to the purchaser upto the destination of the material, mentioned above the whole or any part of the material which under normal and proper use and maintenance prove, defective in material or workmanship within twenty four months from the date of receipt of power transformer by the consignee. Consignee / purchaser gives prompt written notice of such defects to the supplier. Such replacement shall be effected by the repairer within a reasonable time not exceeding one month of intimation of the defects. In case the damaged transformer is not attended to by the repairer within a period of one month, after the receipt of T/F in Designated _____ (TRW/Sub-Station) the transformer shall be got repaired from other repairers and the cost so incurred will be recovered from the 1st repairer. Supplier's responsibility arising out of supply of material or its use whether in warrantee or otherwise shall not in any case exceed the cost of correcting the defects or replacing the defective parts / material and upon the expiry of the warranty period stipulated above, all such liabilities shall terminate.</p>

	<p>The above provision shall equally apply to the material so replaced / repaired by the repairer under this clause also in case the same is again found to be defective then the guarantee shall be for 12 months or 24 months from the date of original repair whichever is later.</p> <p>In case the replacement of defective material is not carried out within one month of our intimation of defects, the repairer shall have to pay interest @ 24% per annum of the value of each complete operation unit i.e. the issue rate of repaired T/F fixed by CGM/MM, UHBVNL/ CE/MM DHBVN beginning from the date of its receipt in TRW or date of intimation given by SDO (OP) / SDO (Store) / AEE /TRW whichever is later upto the date of its receipt after replacement / repair.</p> <p>Besides above the XEN /TRW will not issue further release/lifting order. In case any transformer damaged within warranty period is not repaired/returned by the firm.</p> <p>The Power transformers damaged within warranty period in the field shall be lifted for repair by the repairing firm after lifting orders from the XEN/TRW/Xen/T&S Division and deposit of safe custody Bank Guarantee. The first registered intimation regarding damage of transformer within warranty period shall be given by the concerned SDO in-charge of 'OP' Sub Division, with a copy to AEE/XEN/TRW and CGM/MM, UHBVN/ CE/MM, DHBVN or SE/Stores & Workshops, UHBVN, Dhulkote / Controller of Stores, DHBVN, Hisar clearly intimating the firm, the date of damage of transformer in the field and complete particulars of the transformers.</p>
22	<p>SET-OFF:</p> <p>Any sum of money due and payable to the supplier under the contract (including Security deposit returnable to the supplier) may be appropriated by the purchaser and set-off against any claim of the purchaser for the payment of a sum of money arising out of or under this contract or any other contract entered into by the supplier with the purchaser.</p>
23	<p>SUPPLIER'S DEFAULT LIABILITY:</p> <p>In the event of breach of any these terms and conditions by the repairer firm, the purchaser/contractee can terminate the contract without Notice to the repairer at any stage and the repairer shall have no claim whatsoever on the contractee on this account. But the repairer shall be liable to pay penalty to the contractee, the penalty @ ½ % per week or part thereof shall be levied if the delivery of the transformer duly repaired is not made within schedule of delivery (delivery period). In case the transformers are not delivered even up to 10 weeks after the expiry of delivery period, the penalty shall be enhanced @ 1 % per week or part thereof subject to a maximum of 10 % of the total cost of the work order. The Nigam reserves the right to take back the damaged transformer from the contractor at his cost and risk if the delivery of the transformer is delayed beyond 4 months of the expiry of the delivery period. In this case the security/earnest money deposited by the firm shall be forfeited.</p>

UTTAR HARYANA BIJLI VITRAN NIGAM
E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-1

Voltage Class- 33/11 KV, Capacity- 4 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage (%age of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage (%age of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage (%age of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current taping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-2

Voltage Class- 33/11 KV, Capacity- 5 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current taping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-3

Voltage Class- 33/11 KV, Capacity- 6.3 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current tapping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM
E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-4

Voltage Class- 33/11 KV, Capacity- 6.3/8 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage (%age of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage (%age of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage (%age of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current tapping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM
E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-5

Voltage Class- 33/11 KV, Capacity- 8 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage (%age of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage (%age of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage (%age of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current taping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-6

Voltage Class- 33/11 KV, Capacity- 10 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage (%age of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage (%age of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage (%age of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current tapping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-7

Voltage Class- 33/11 KV, Capacity- 10/12.5 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current tapping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-8

Voltage Class- 33/3.3 KV, Capacity- 3.5 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage (%age of Col. 4)	Excise Duty in Rs. Per unit (%age of Col. 4)	VAT/CST in Percentage (%age of Col. 4+6)	VAT/CST in Rs. Per unit (%age of Col. 4+6)	Service Tax in Percentage (%age of Col. 4)	Service Tax in Rs. Per unit (%age of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current tapping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____, Event No. _____

PRICE BID FORMAT FOR REPAIR OF POWER TRANSFORMERS

Annexure-E-9

Voltage Class- 33/3.3 KV, Capacity- 5 MVA

Sr. No.	Item	Unit	Place of billing (Haryana/Out of Haryana)	Ex-works price in Rs. Per/Unit.	Excise Duty in Percentage (%) of Col. 4)	Excise Duty in Rs. Per unit (%) of Col. 4)	VAT/CST in Percentage (%) of Col. 4+6)	VAT/CST in Rs. Per unit (%) of Col. 4+6)	Service Tax in Percentage (%) of Col. 4)	Service Tax in Rs. Per unit (%) of Col. 4)	Freight & Insurance Charge in Rs Per/Unit	Any other duty/levy of other taxes in Rs. Per/Unit (if applicable)	Total Amount (In Rs.) Col. No. (4+6+8+10+11+12)
Col. No.	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	Labour charges for the repair of transformers as per scope of work including overhauling of OLTC & repair of radiators, if any, preliminary inspection charges at the Nigam's site/workshop, To & Fro transportation.	L/S											
2.	Preliminary inspection charges to be paid for the assessment of repairs involved at Nigam's site/workshop & estimation of repair work etc. These charges shall only be paid in case the estimate of repair is found uneconomical or the transformer in question declared as irreparable.	L/S											
3.	Painting after short blasting from inside & outside of the transformer including radiator tubes & conservative tanks & other accessories with suitable primer and two coats of Grey colour paint alongwith marking as detailed in the specifications (make of paint & primer may be indicated).	L/S											
4	Replacement of damaged parts												
4.1	HV/LV Leg coils(limbs) drawn out of HCL copper electrolytic bar to the required size complete with insulation of standard quality paper duly varnished by vacuum impregnated and baking of coils	Per Kg											
4.2	Fresh transformer oil conforming to ISS-335/1983 and latest amendments thereof	Per Litre											
4.3	Bushing of required size & design to be used on the primary side of the transformer (Give complete specifications of the bushings).	Per set											
4.4	Bushings of required size /design to be used on the secondary	Per set											

	side of the transformer (Give complete specifications of the bushings).												
4.5	Metal parts for the bushings indicated at Sr. No. 4.3 & 4.4 if these parts not covered supplied alongwith bushings.	Per set											
4.6	Gaskets of required specification and size as per design of the transformer (rubberized cork sheets)(Give make).	Per set											
4.7	Silicagel breather filled with fresh silicagel as per design of the transformer (make & capacity may also be indicated with rates).	Per set											
4.8	Magnetic type oil level gage with low level alarm contact complete as per original design of the transformer.	Per set											
4.9	Oil Drain valve (incorporating sampling device with narrow orifice and having suitable arrangements for locking). (Give make size & specification of the drain valve).	Per Unit											
4.10	Filter valve (Size & specification be indicated)	No.											
4.11	Dial type thermometer of appropriate design with max. Temp. Indicator complete with re-setting device and alarm contactor etc. (Provide details & specifications).	No.											
4.12	Double float Buchhloz relay complete with alarm & trip contacts (provide detailed specifications)	No.											
4.13	Sundry items including Air Release Plug, Arcing Horns, Cover Bolts, caps screws, Washers , insulation material, minor repairs of the tank and other parts, if required any and not covered under the items specified above. Aluminium name plates etc.	L/S											
4.14	Marshling box	No.											
4.15	Replacement of damaged Radiators of the T/Fs	Kg.											
4.16	M.S. Rings	No.											
4.17	Wooden Rings	No.											
4.18	OTI/WTI including cable	No.											
4.19	Radiator Valves	No.											
4.20	Off current taping switch etc.	No.											
5.	OLTC Spare Parts												
5.1	Drive Motor	No.											
5.2	Motor Arm Assembly	No.											
5.3	Motor protection relay	No.											
5.4	Selector Switch	No.											
5.5	Moving contact assembly	Per Phase											

UTTAR HARYANA BIJLI VITRAN NIGAM
E-Tender Enquiry No. WS-_____ Dated _____.
Event No. _____

Annexure-F

PERFORMA FOR AFFIDAVIT OF NON BLACKLISTING

I, _____ Director of
M/S _____ with
Headquarter at _____ being their
authorized signatory, do hereby solemnly affirm and declare that M/S
_____ has not been blacklisted/ not debarred by
any State/Central Govt. or any of its agencies. I understand that if upon acceptance of our offer
dated _____ against UHBVN / DHBVN tender enquiry No. _____ for repair of
_____ any Contract is placed upon us, the same is liable to be
cancelled if this declaration is found wrong at any subsequent time and further I understand to
compensate the UHBVN / DHBVN for the consequences arising out of wrong declaration.

Attested by Notary Public.

(To be submitted on NJSP)

BANK GUARANTEE

This agreement is made this _____ day of the _____ between _____ (name of Bank) a company registered under Banking Companies Act / or any other Act to be specified having its registered office at _____ called at guarantor which expression shall unless repugnant to the context of meaning thereof, includes its successors and assigns of the first part M/s _____ a company / firm registered under the companies office at _____ (hereinafter called the suppliers which expression shall unless repugnant to the context or meaning thereof include its successors and assigns) of the second part of and the UTTAR HARYANA BIJLI VITRAN NIGAM A body corporate under the Electricity (Supply) Act, 1948 (hereinafter called the Purchaser, which expression shall unless repugnant to the context or meaning thereof include its successors assigns) of third part.

Whereas the supplier, has interalia agreed with purchaser to supply the repair power transformers (name of material) on the terms & conditions contain in the contract order No. _____ dated _____ placed by the Purchaser on the suppliers, and accepted by the suppliers.

And whereas under clause of _____ of the said Contract Order, the supplier is required to furnish a Bank Guarantee for sum of ` _____ (_____) being the _____ value of all the consignments of the above material on account of retention money, which but for the guarantee would be with-held by the purchaser till such time that the material is received in good condition and the accordance with the specification. The Bank Guarantee will cover the performance & safe custody of the material of the said purchase order by the said supplier on the terms & conditions herein contained. Now this deed, therefore, witness and it is hereby agreed by and between the party hereto as follows:-

The Guarantor hereby guarantees to the purchaser the quality workmanship and design of all the consignments of transformers (name of material) in accordance with the prescribed specifications and the terms of the said purchase order and agrees to indemnify and keep indemnified the said purchase order and agrees to the extent of ` _____ in the aggregate against all losses, damages, costs, charges and expenses which may be suffered incurred by the purchaser on account of any breach on the Part of said supplier or any of the terms and conditions of the said Purchase order in the supply of the consignments. The Guarantor further agree that the said purchaser shall be the sole judge, that supplies have been made according to the prescribed specifications, design and workmanship as laid down in the said Purchase order and whether the supplier had committed breach or breach of any of the terms & conditions of the said purchase order and the extent of loss/ damage, cost chares or expenses suffered or order and the extent of loss / damage, cost charges, or expenses suffered or incurred by the purchaser on account thereof and the guarantor shall immediately on receipt of any claim or claims from the Purchaser pay to the said purchaser to the extent of the amount specified above without demur or objections or reference to the supplier.

The guarantor further agrees that the guarantee shall remain in full force and effect for _____ (period) from the date of dispatch of material by the said supplier under the said P.O. _____. This Guarantee is issued subject to the condition that the liability of this Bank

Guarantee is limited to _____ only and the Guarantee shall remain in fully force upto _____. The guarantor also agreed and undertakes not to revoke this guarantee before the same is discharges as aforesaid except with the previous consent of the said purchaser in writing.

The guarantor hereby further agrees that the said purchaser shall have the full liberty without effecting in any manner the obligations of the guarantor hereunder with or without the consent of the guarantor to vary and of the terms of the said purchase order or to extend time for performance of the said P.O. by the supplier from time to time any of the Power exercisable by the said Purchaser against the said supplier and either to for bear or enforce any of the terms & conditions relating to the said purchase order and guarantor shall not be relieved from the liability by reason of any variation or any extension being granted to the said supplier or for any forbearance, act of omission on the part of the said supplier for any indulgence by the said purchaser to the said supplier or any such matter or thing what so ever which under the law relating to sureties would but for this provision have effect of so relieving the guarantor. Nor shall it be necessary for the said Purchaser to sue the said supplier before suing the said guarantor for the amount / damage due under the deed of the guarantee.

The liability of the Guarantor Bank under this Guarantee is restricted to _____ (_____). This Guarantee shall remain in force until _____. Unless a suit or action to enforce a claim under the guarantee is filed against the Guarantor bank within six months from this date, all the right under this guarantee shall be forfeited and the Guarantor Bank shall be relieved and discharged from all liabilities there under.

1. Witness

Signature of the Guarantor

2. Witness

1. Witness

Signature of the Supplier

2. Witness

Signature of the Superintending Engineer / Stores & Workshops, UHBVN, Dhulkote and on behalf of the Uttar Haryana Bijli Vitran Nigam (UHBVN)

1. Witness

2. Witness

UTTAR HARYANA BIJLI VITRAN NIGAM

E-Tender Enquiry No. WS-_____ Dated _____.

Event No. _____

Annexure-H

Check List for submission of Tender Documents

Each and every page of Tender Documents should be signed by Authorized Signatory of the firm and the following necessary documents should be submitted alongwith the Tender Documents, failing which the Tender of the Firm shall not be considered.

Sr. No.	Documents to be submitted	Supplier Response (Agree/Disagree)
1	Annexure-A Instructions to Bidders for e-tendering	
2	Annexure-B General Instruction to the Bidder and Terms & Conditions of the repair contract	
3	Annexure-C Technical Specifications.	
4	Annexure-D Commercial Terms & Conditions of the Repair Contract.	
5	Annexure-E Price Bid format	
6	Annexure-F Proforma for Affidavit of Non-blacklisting.	
7	Annexure-G Proforma for Bank Guarantee	
8	Copy of ISO: 9000 certificate or above	
9	Copy of past performance certificates issued by concerned authority.	
10	Copy of certificate that the firm has damage rate for repaired/manufactured power transformers within warranty period against any contract is less than 5%.	
11	Balance sheet of the annual turnover of the firm during last 3 years should be minimum Rs. 2 crore (As per PQR).	
12	Declaration of validity of tenders i.e. 180 days from the date of opening of Part-I i.e Technical & Commercial Bids.	
13	Power of attorney in favour of signatory duly attested by Notary on NJSP	
14	Acceptance of corrigendum, if any, related to tender enquiry	
15	List of plant & machinery	
16	Detail of Immoveable Property	
17	Drawing (if any)	
18	Copy of recent calibration test certificates of instruments by approved Govt. laboratory.	
19	Any other documents required as per tender.	
20	Note:- The bidder shall submit along with his tender documents the details of his production capacity, orders in hand/pending with their quantity, value and delivery schedule of the material/equipments in question.	