

### **Tender Notification for**

# AWARD OF WORK FOR ONSITE SERVICING AND OVERHAULING OF OIL FILLED POWER TRANSFORMERS OF VARIOUS RATINGS 66/33KV, 66/11KV, 33/11KV UPTO 50 MVA AT BRPL

NIT NO. BR/ENQ/25-26/FK/CR/AG/2928 DT: 14.10.2025

Tender issue date: 14.10.2025

Date & time of Submission: 22.10.2025, 04.00 PM

## BSES RAJDHANI POWER LIMITED,

BSES Bhawan, Nehru Place, New Delhi-110019

Corporate Identification Number: U40109DL2001PLC111527

Telephone Number: +91 011-4910 7235,

Website: www.bsesdelhi.com

(This document is meant for the exclusive purpose of bidding against this NIT Number /Specification and shall not be transferred, reproduced, or otherwise used for purposes other than that for which it is specifically issued).



## **REQUEST FOR QUOTATION**

### **GENERAL:**

BSES Rajdhani Power Limited invites sealed tenders for "AWARD OF WORK FOR ONSITE SERVICING AND OVERHAULING OF OIL FILLED POWER TRANSFORMERS OF VARIOUS RATINGS 66/33KV, 66/11KV, 33/11KV UPTO 50 MVA AT BRPL".

The sealed envelopes shall be duly superscribed as-

"AWARD OF WORK FOR ONSITE SERVICING AND OVERHAULING OF OIL FILLED POWER TRANSFORMERS OF VARIOUS RATINGS 66/33KV, 66/11KV, 33/11KV UPTO 50 MVA AT BRPL".

"NIT NO. BR/ENQ/25-26/AR/2928 DT: 14.10.2025".

BRPL invites sealed tenders from the BSES registered vendors for the above-mentioned work.

Completion Period: Two years from the date of Rate contract

Estimated Cost of work: Rs. 85 Lacs (Including GST)

Tender issue date: 14.10.2025

Date & time of Submission: 22.10.2025 till 04:00 PM

## Place of Bid Submission & Bid opening:

**Head of Department** 

Contracts & Material Deptt.

BSES Rajdhani Power Ltd

I Floor, "D" Block, BSES Bhawan

Nehru Place

New Delhi-110019



## **GENERAL INSTRUCTIONS TO BIDDERS**

## 1. GENERAL INSTRUCTIONS:

- 1. Bids shall be prepared and submitted in accordance with these instructions.
- 2. Bidder shall bear all costs associated with the preparation and delivery of its Bid, and the Company will in no case shall be responsible or liable for these costs. Bids shall remain valid & open for acceptance for a period of 120 days from the date of opening of the Bid.
- 3. The Bid should be submitted by the Bidder in whose name the bid document has been issued and under no circumstances it shall be transferred/sold to the other party.
- 4. Issue of RFQ is not deemed as qualified for the job. BRPL's assessment of the bidder's capability to execute the job and decision of BRPL to qualify the bidder shall be final. The Company reserves the right to request for any additional information and also reserves the right to reject the proposal of any Bidder, if in the opinion of the Company, the data in support of RFQ requirement is incomplete.
- 5. The Bidder is expected to examine all instructions, forms, terms & conditions and specifications in the Bid Documents. No deviation to the terms & conditions shall be accepted. Failure to furnish all information required in the Bid Documents or submission of a Bid not substantially responsive to the Bid Documents in every respect may result in rejection of the Bid. However, the Company's decision in regard to the responsiveness and rejection of bids shall be final and binding without any obligation, financial or otherwise, on the Company.
- 6. The price format shall legibly handwritten in ink by the bidder. Printed price format shall not be allowed.
- 7. Company reserves the right to award the work to one or more bidders.
- 8. The decision to place order/LOI is the sole prerogative of the company.
- 9. In case any vendor is found unsatisfactory post award of contract, the award will be cancelled and BRPL reserves the right to award other vendors who are found capable.
- 10. The Company reserves the right to accept or reject any Bid and to annul the Bidding process and reject all Bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Company's action.
- 11. This is a two part bid process. Bidders are to submit the bids in 2(two) parts.
- 12. Both these parts should be furnished in separate sealed covers super scribing NIT no. DUE DATE OF SUBMISSION, with particulars as PART-A TECHNICAL BID & COMMERCIAL TERMS & CONDITIONS and Part-B FINANCIAL BID and these sealed envelopes should again be placed in another sealed envelope which should be super scribed with —"Tender Notice No. & Due date of opening". The same shall be submitted before the due date & time specified.



## 13. A. Qualifying Criteria: - Technical & Commercial

The prospective bidder must qualify all of the following requirements to be eligible to participate in the bidding. Bidders who meet the following requirements will be considered the successful bidder and a bidder who does not meet these requirements shall be disqualified.

## **13.1 TECHNICAL QR:**

The prospective bidder must qualify all of the following requirements to be eligible to participate in the bidding.

(i) The bidder is a manufacturer who has supplied at least 5 nos. of Power Transformers of capacity upto 50 MVA and voltage ratings upto 66 KV in last three financial years (FY24-25, FY 23-24 & FY22-23).

OR

Any bidder having experience in Power transformer repair/ servicing/ onsite servicing at-least 10 nos. Power transformers of capacity upto 50 MVA and voltage ratings upto 66 KV in last 3 financial years (FY24-25, FY 23-24 & FY22-23) for SEBs/ Govt. Department/ Public /Private Sector Utility/ Discoms.

- (ii) The bidder must enclose order copies along with performance certificates in support of relevant experience. Experience credential as a joint venture / subcontract/ consortium will not be considered.
- (iii) For Existing vendors of BRPL, performance shall be measured on earlier executed similar works/ other works and will be taken into account in technical evaluation for qualification of bids.

## 13.2 FINANCIAL QR:

- a) The average annual turnover of the Bidder, in the preceding three (3) financial years (i.e., FY24-25, FY 23-24 & FY22-23) should not be less than Rs 1 Crore (One crore). The bidder shall submit the Annual Turnover Report of the last 3 FYs duly certified by a Chartered Accountant. The Turnover certificate must have UDIN Number. In case the audited balance sheet is not available with the bidder for FY 24-25, the bidder shall submit the audited balance sheet for FY 21-22 or turnover certified by a Chartered Accountant with UDIN Number.
- b) The bidder must provide proof of having solvency of an amount equal to Rs 0.50 Crore from any nationalized/scheduled commercial bank. It should not be older than 01.01.2025.
- c) Bidder should have Registration of GST & PAN.
- d) Bidder should fulfill all statutory compliances like PF, ESI registration.
- e) The bidder should possess valid Electrical Contractor License issued by competent statutory agency to undertake work in NCT Delhi. In case the bidder is not having this license, they have to give the undertaking that it will be obtained by them before the start of the work at site or suitable sub-contractor having the valid license shall be engaged for works at site with the approval of BRPL where copy of valid license shall be submitted to BRPL before the start of the work.



- f) Entities that have been currently debarred/blacklisted by any Private/central/state government institution including electricity boards in India, any of the DISCOM in India shall lack qualifying pre-requisites to participate in this tender and will not be considered. Accordingly, an undertaking by the Authorized Person along with other documents to be provided by the bidder on its letterhead in this regard, confirming in clear terms, that the contractor has not been debarred/blacklisted as of the date of submission of the bid. Bidders who are currently debarred/ blacklisted/ suspended by BRPL will not be considered in this tender.
- g) The bidder shall submit an undertaking on their letterhead that all the documents/certificates/information submitted by them against the tender is genuine/true/correct and the copies of documents have been made from the original document/s. Further, in case any of the documents/certificates/information submitted by the bidder is found to be false or, BRPL at its sole discretion shall be free to take all actions as permitted under law, and disqualification from participation in the future tenders of BRPL& its group companies for an indefinite period or period as may be decided by BRPL.
- h) The bidder should submit an undertaking for "No Litigation / No Legal case" is pending with BRPL or its Group Companies. Bidders having any litigation/ legal case pending with BRPL shall not be considered qualified for this tender.

## (A.3) OTHER REQUIREMENTS:

- (a) The company reserves the right to carry out technical capability/ infrastructure assessment of the Bidders by factory/office/site inspection or by any other means and the company's decision shall be final in this regard.
- (b) No joint ventures /consortiums are allowed.
- (c) The bidder shall submit all necessary documentary evidence to establish that the Bidder meets the above qualifying requirements including but not limited to the following:
  - i. Details of formation/registration of the firm (Proprietary/ Partnership) or Company along with all relevant details)
  - ii. Memorandum & Articles of Association of the Company/ Partnership Deed of the Firm /other registration documents, as applicable
  - iii. Organization Chart of the Bidder's Company/organization
  - iv. Experience details with credentials
  - v. Details of office/s in Delhi, Details of Registered and Corporate offices and details of other offices/establishments in India.
  - vi. Work order / Agreement copies along with performance certificates in support of relevant experience
  - vii. Copy of PAN/GST no.
  - viii. Non-Disclosure Agreement (NDA) as per the format attached.
    - ix. Bidder's details as per the format attached
- (d) The bidder should enclose performance certificates in support of relevant experience.
- (e) For Existing vendors of BRPL, the evaluation will also include the performance in the existing contracts. BRPL reserves the right to qualify or disqualify their bid based on the contract performance despite them meeting the above-mentioned qualification requirements.



(f) BRPL may ask for such other documents as it deems fit for substantiating/ justifying the submissions made by the bidder.

### 4.0 BID SUBMISSION

4.1. The bidders are required to submit the bid in 2(two) parts and in original& duplicate (total 2 copies) at the following address:

**Head of Department**,

**Contracts & Material Deptt.** 

**BSES Rajdhani Power Ltd.** 

1st Floor, "D" Block, BSES Bhawan

Nehru Place

New Delhi-110019.

- 4.2. Technical bid documents along with commercial terms and conditions shall also be submitted in Pen Drive. No price bid shall be submitted in Pen Drive. The PEN Drive should be owned by Bidder. The bidder shall ensure that the Pen Drive is free from all viruses/malware. The pen drive once submitted shall not be returned.
- 4.3. This is a two part bid process. Bidders are to submit the bids in 2(two) parts. Both these parts should be furnished in separate sealed covers super scribing NIT no. DUE DATE OF SUBMISSION, with particulars as PART-A Techno-Commercial Bid and Part-B PRICE BID and these sealed envelopes should again be placed in another sealed envelope which should be super scribed with "Tender Notice No.& Due date of opening". The same shall be submitted before the due date & time specified.

## 4.3.1 PART A: TECHNO-COMMERCIAL BID, UNPRICED (Envelop-1):

The first sealed envelope shall contain an Unpriced Techno-commercial bid in paper form (hard copies) and envelope super-scribing **PART-A Techno-Commercial Bid**. The details to be submitted in techno-commercial bids are given below:

- a) General information about bidder
- b) Documentary evidence in support of all the qualifying criteria as per clause 3.0,
- c) Technical Literature if any.
- d) Details of experience of works of the same or similar nature. Copy of work orders and performance certificates.
- e) Power of attorney
- f) Acceptance to Commercial Terms and Conditions viz Delivery schedule/period, Payment terms etc



g) Any other relevant document to support bidder meeting QR

Techno-Commercial Bid should not contain any cost information whatsoever and shall be submitted within the due date. After techno-commercial evaluation, the list of techno-commercially qualified bidders will be posted immediately on the BSES website.

The bidder should submit complete tender document along with all corrigendum (if any) published against this NIT at our website, signed and stamped with bidder's seal as an acceptance of all the terms & conditions of the Tender.

## 4.3.2 PART B: PRICE BID (Envelop-2):

The second sealed envelope shall contain Price bids in paper form (hard copies and envelope super-scribing **PART-B Price Bid** on it. The details to be submitted in the Price bid are given below:

- (a) **PRICE BID** shall Comprise of Prices **strictly** in the Format enclosed in SECTION VII. Any change in price bid format, content may lead to rejection of the bid.
- **(b)** Price Bid will be opened after techno-commercial evaluation of all the bids and only of the qualified bidders.

## 4.3.3 PRELIMINARY EXAMINATION OF BIDS / RESPONSIVENESS:

- Purchaser will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.
- Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price per item that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price per item will be corrected. If there is a discrepancy between the Total Amount and the sum of the total price per item, the sum of the total price per item shall prevail and the Total Amount will be corrected.
- 3 Prior to the detailed evaluation, Purchaser will determine the substantial responsiveness of each Bid to the Bidding Documents including production capability and acceptable quality of the Goods offered. A substantially responsive Bid is one, which conforms to all the terms and conditions of the Bidding Documents without material deviation.
- 4 Bid determined as not substantially responsive will be rejected by the Purchaser and/or the Purchaser and may not subsequently be made responsive by the Bidder by correction of the non-conformity.



### 4.3.3 FINANCIAL BID EVALUATION THROUGH REVERSE AUCTION

Reverse Auction (RA) shall be conducted for finalization of contract and the details of the price bid shall not be shared with bidders. The qualified bidders will participate in reverse auction through SAP-SRM tool. The RA process shall be governed by the terms and conditions enclosed as Annexure-III in this tender document. Training/details shall be provided to bidders before participation in auction. In case RA is not conducted /concluded for any reasons, a "final no regret" financial bid in a sealed envelope will be called for from all qualified bidders. Notwithstanding anything stated above, the Company reserves the right to assess bidders' capability to perform the contract, should the circumstances warrant such assessment in the overall interest of the Company. In this regard, the decision of the Company shall be final and binding on the bidders.

#### 5. TIME SCHEDULE

The activities and their timelines are given hereunder which needs to be adhered by the bidders.

S. No.	Activity	Description	Due date
1	Submission of Techno- Commercial & Price Bid	Unpriced Techno-Commercial & Price Bid in separate sealed envelopes	22.10.2025
2	Opening of Techno- Commercial Bid	Opening of PART-A	22.10.2025
3	Reverse Auction	As per RA terms	Schedule will be intimated to eligible bidders through email from email id: BRPL.Eauction@relianceada.com

#### 6. Award Decision

- a) Company intends to award the business on a lowest bid basis, so contractors are encouraged to submit the bid competitively. The decision to place order/LOI solely depends on Company on the cost competitiveness across multiple lots, quality, delivery and bidder's capacity, in addition to other factors that Company may deem relevant.
- b) BSES reserves the right to split the tender quantity amongst techno-commercially qualified bidders on account of delivery requirement in tender etc.
- c) Please note that abnormally higher or abnormally lower bids shall not be considered with respect to estimated cost. The criteria decided by BRPL on this shall be final and binding on the bidders.



- d) In case any contractor is found unsatisfactory during the execution process, the award will be cancelled and BRPL reserves the right to award other contractors who are found fit.
- e) "Nil/Zero" Margin or Administrative Service Charges of Bidders will be considered as "Unresponsive". Abnormally higher or abnormally lower bids shall not be considered with respect to estimated cost. The criteria decided by BRPL on this shall be final and binding on the bidders and will not be open for discussion under any circumstances. Therefore, the bidding firms are advised to quote their Margin / Administrative Service Charges accordingly. BRPL reserves the right to reject the bids quoted with abnormally higher or abnormally lower individual activity rates. The criteria decided by BRPL on this shall be final and binding on the bidders.

BRPL reserves the right to reject the bids quoted with abnormally higher or abnormally lower individual activity rates. The criteria decided by BRPL on this shall be final and binding on the bidders.

## 7. Market Integrity

We have a fair and competitive marketplace. The rules for bidders are outlined in the Terms & Conditions. Bidders must agree to these rules prior to participating. In addition to other remedies available, we reserves the right to exclude a bidder from participating in future markets due to the bidder's violation of any of the rules or obligations contained in the Terms & Condition. Bidders who violate the marketplace rules or engage in behavior that disrupts the fair execution of the marketplace restricts a bidder to length of time, depending upon the seriousness of the violation. Examples of violations include, but are not limited to:

- Failure to honor prices submitted to the market place.
- Breach of the terms of the published in Request for Quotation/NIT.

## 8. Confidentiality

All information contained in this RFQ is confidential and may not be disclosed, published or advertised in any manner without written authorization from BRPL. This includes all bidding information submitted.

All RFQ documents remain the property of BRPL and all bidders are required to return these documents to BRPL upon request.

Bidders who do not honor these confidentiality provisions will be excluded from participating in future bidding events.

#### 9. CONTACT INFORMATION

Technical & Commercial clarification, if any, regarding this tender shall be sought in writing and sent by e-mail to the following e-mail IDs:



Address	Name/ Designation	Email Address / Phone Number
	Technical	
	Mr. Arshad Khan	Arshad Khan/REL/RelianceADA, (MB: 9310929751)
	Mr. Alok Mandal	Alok k Mandal/REL/RelianceADA, (MB: 9355651196)
C&M Dept, 1st Floor, C Block, BSES		
Rajdhani Power Ltd., BSES Bhawan,	Commercial	
Nehru Place, New	Ms. Anima Gaur	anima.gaur@relianceada.com
Delhi - 110019.	DGM(Contracts)	011-49209429
	Mr. Amitava Nandi,	Amitava.Nandi@relianceada.com
	AsVP - (Head Contracts)	011-4920 9619



## **SECTION - III: TERMS AND CONDITIONS**

## **DEFINITIONS and INTERPRETATION:**

The following terms & expressions as used in the CONTRACT shall have the meaning defined and interpreted hereunder:

- 1.1. Company: The terms "Company" shall mean BSES Rajdhani Power Ltd. having its office at BSES Bhawan, Nehru Place, New Delhi-110019, Corporate Identification Number: U7410909DL2001PLC111527, Telephone Number: +91 11 3009 9999, Fax Number: +91 11 2641 9833, Website: www.bsesdelhi.com and shall included its authorized representatives, agents, successors and assigns.
- 1.2. CONTRACTOR: shall mean the successful bidder and shall include its authorized representative, agents, successors, and assigns.
- 1.3. CONTRACT SPECIFICATION: The terms "CONTRACT Specification" shall mean the Technical specification of the work as agreed by contractor and description of work as detailed and all such particulars mentioned directly/referred to or implied as such in the contract.
- 1.4 SITE: The terms "Site" shall mean the working location in BRPL area.
- 1.5 ENGINEER IN CHARGE: "Engineer In-charge" means the Company's authorized representative for the purpose of carrying out the work. For this Work Order Engineer In-charge shall be Head EHV (BRPL) or any of his nominated representatives.
- 1.6 Good Industry Practice: means the exercise of that degree of skill, diligence and prudence which is expected from a skilled, experienced and recognized contractor engaged in the same type of undertaking similar to the one undertaken by the Contractor and acting generally in accordance with the prevailing laws, rules, regulations, codes and industry standards.
- 1.7 Effective Date: means the date when Contractor through its authorized representative places its signature on the duplicate copy of LOI/order.
- 1.8 Rate: The unit rates for the work to be carried out at site shall be as per annexure and payable by the Company to the Contractor for the due, complete and proper performance of the jobs covered under this Order.



### 2.0 EXAMINATION OF SITE AND LOCAL CONDITIONS:

The contractor is deemed to have visited the site of the work and ascertained therefore all site conditions and information pertaining to his work. The company shall not accept any claim whatsoever arising out of the difficult site/terrain/local conditions, if any.

#### 3.0 LANGUAGE AND MEASUREMENT:

The CONTRACT issued to the contractor by the company and all correspondence and documents relating to the CONTRACT placed on the Contractor shall be written in English language.

Metric System shall be followed for all dimension, units etc.

#### 4.0 SCOPE OF WORK:

The scope of work to be carried out by the contractor shall be onsite servicing / overhauling of Power transformers of capacity upto 50 MVA and voltage ratings upto 66 KV at BRPL also onsite servicing / overhauling of OLTC in PTR.

Approximately 40 power transformers and On-Load Tap Changers (OLTCs) of capacities up to 50 MVA and voltage ratings up to 66 kV are to be serviced annually.

BPPL reserves the right to reduce/increase the allotted quantity as per requirement.

All the manpower, tool and tackles are included in your scope of work. All the material required during servicing work shall be included in your scope. Only New Transformer Oil shall be provided by BRPL. Transportation of oil from BSES store shall be in your scope.

The scrap material including drained oil shall be duly returned to our stores after finishing the servicing work and the same shall be duly certified by Engineer in charge. Transportation/handling of scrap oil back to BRPL store shall be in your scope. Detailed scope of work shall be as per Section-V.

#### 5.0 VALUE OF THE ORDER:

The item vise rates for above Scope of work shall be as finalized through Tender.

The above rates shall be firm for the entire duration of work carried out by the Contractor under the order and are not subject to escalation for any reason whatsoever.

All the rates applicable for work shall be as per agreed rate schedule. The quantity of work shall be assigned off by our Engineer in charge.



6.0 VALIDITY: The order shall be effective for two years from date of issue of order. However the same shall be reviewed after one year based on performance assessment and continuation to the next year. After expiry of the validity period, it may be extended/renewed/replaced for such further period on such terms and conditions as may be mutually agreed to between the COMPANY and the CONTRACTOR.

#### 7.0 TAX & DUTIES:

Prices shall be inclusive of all taxes and duties including labour cess (Except GST). However, IT as per applicable rate will be deducted from your bills as Tax Deduction at Source (TDS).

GST at actual shall be paid extra on submission of GST Registration and self declaration on your letter head stating that you have deposited/or will deposit the Tax as per the applicable GST laws. You shall furnish your GST registration number.

Any statutory variations i.e. increase/decrease in Taxes / Duties introduces by central Govt. / State Govt. of shall be reimbursed/recovered to/from Contractor against documentary evidence and proof.

- 1. As Per Notification No. 39/2021 Central Tax dated 21st December, 2021 w.e.f 01/01/2022 registered person (ie, Recipent/Purchaser) can avail tax credit on those invoices only which have been reflected in GSTR 2A or GSTR2B (it means 100% matching of invoice is required). Also, GST has to be deposited by Supplier/Contractor by filing of GSTR-1 and GSTR-3B.
- 2. In view of above, if the same is not complied with by the supplier/contractor and the Recipient/Purchaser is not in position to avail / utilize Input Tax Credit due to non-compliance or non-filing of GSTR-1 and GSTR-3B for the month/quarter (as applicable) in which the supply was made, then Recipient/Purchaser has right to hold 100% GST amount from next payment due of the subsequent month till the time default is not cured.
- 3. For releasing of the payment kept on hold on account of GST supplier shall submit payment proof i.e GST Portal screenshot reflecting name of Recipient/Purchaser alongwith GSTR-1 and GSTR-3B for month/quarter (as applicable) in which the same has been discharged. Payment shall not be released, till the time proof of payment of GST as mentioned above is not submitted.



- 4. Further, the recipient/purchaser shall also be entitled to recover any financial loss incurred (including tax, interest and penalty) due to non-compliance or non-filing of GSTR-1 and GSTR-3B by the supplier.
- 5. In case where delivery of goods is being made on FOR site basis, the Supplier is responsible to comply with rules applicable for E-way bill. Any violation in provision of E-way Bill will attract penalty and seizure of Transit Material. Any Penalty and Pre-Deposit due to violation of rules/provision shall be paid and borne by Supplier. Also, Supplier is responsible for releasing of goods from Authority whether CGST/SGST. Delay in supply due to seizure of goods shall attract liquidated damages as per Order / Contract provisions.

### 8.0 TERMS OF PAYMENT:

- a) 85% payment shall be made to you within 30 days of submission of invoices on completion of work duly certified by Engineer-in charge.
- b) 10% shall be released after successful commissioning of the Power Transformer or within 6 months of completion of work whichever is earlier.
- c) Balance 5% shall be released on submission of performance Bank Guarantee of equivalent amount, in our format from a scheduled / Nationalized Bank for validity period of one year from the date of energization of Serviced transformer.

## 9.0 TEST PROCEDURE & QUALITY ASSURANCE:

The Contractor shall submit the test Instruction/Procedure/Test Format before starting the work for our approval. The Contractor shall submit all the Test Reports & joint inspection report in the approved format. All tests shall be carried out by the Contractor as agreed without any extra charge to the Company.

### 10.0 DEFECT LIABILITY PERIOD:

The Contractor shall be liable to rectify all defects in the materials or works done by the Contractor under this Contract, or from any act or omission of the contractors for a period of Twelve (12) months from date of final work completion certification by the Engineer in-charge.



In respect of any warranty work performed by the Contractor, the period during which a claim may be made for such warranty work shall be extended by an additional period of twelve (12) months from the completion of such portion of warranty work.

## 11.0 CONTRACT PERFORMANCE SECURITY BANK GUARANTEE:

- 11.1 Contractor shall furnish the CPBG in the prescribed format within 15 days from the date of issue of LOI / Work Order for due performance of the provisions of Work Order/Agreement.
- 11.2 The contract Performance Bank Guarantee shall be of 10% and shall be valid till the completion of defect liability period plus three (3) months or latest RBI guidelines (if any) whichever is higher towards claim period, if not otherwise specified in agreement. This amount shall remain fixed during the currency of the agreement.
- 11.3 The Contract Performance Bank Guarantee shall be issued from any nationalized bank/ scheduled bank as per company format.
- 11.4 The Company shall reserve the right to invoke the CPBG unconditionally and without recourse to the Contractor, if there is failure to perform any part of the Agreement for whatsoever reason. This clause is pertaining to performance of contractual obligations and the decision of Company shall be final in this regard.
- 11.5 In the event of any claim or any other outstanding Contractual obligations remaining unfulfilled, the Contractor shall be required to extend the CPBG till the settlement of all claims and completion of all Contractual obligations at the cost and consequences of contractor.
- 11.6 In the event, in Company's sole judgement, the Contractor has fulfilled all its obligations under this Agreement, The CPBG shall be released without any interest after the expiry of CPBG and its claim period as mentioned above.
- 11.7 If the CPBG is or becomes invalid for any reason (other than its expiry), the Contractor shall immediately notify the Company/BRPL and provide within five (5) days a replacement CPBG in the form set out in the Contract/Agreement.
- 11.8 Not later than sixty (60) Business Days before the expiry of the CPBG, the Contractor shall, upon request of the Company/BRPL obtain extension of the validity of such CPBG for the period stated in such request by the Company/BRPL and provide a copy of such renewed CPBG.
- 11.9 It is Contractor's responsibility to incur charges / cost to maintain and for extension of CPBG without claiming reimbursement from the company/BRPL



### 12.0 SALVAGE:

The scrap material including drained oil shall be duly returned to our stores after finishing the servicing work and the same shall be duly certified by Engineer in charge. Transportation of scrap oil back to store shall be in your scope.

You will be required to attach the scrap return docket along with your invoice.

## 13.0 Statutory Obligations:

The Contractor shall take all steps as may be necessary to comply with the various applicable laws/rules including the provisions of contract labour (Regulation & Abolition Act) 1970 as amended, Minimum wages Act, 1984, Workman Compensation Act, ESI Act, PF Act, Bonus Act and all other applicable laws and rules framed there under including any statutory approval required from the Central/State Governments, Ministry of Labour.

#### 14.0 HUMAN RESOURCE ISSUES:

- 14.1 The CONTRACTOR would execute these works through their own resources.
- 14.2 The CONTRACTOR shall bear all expenses/cost to be incurred towards salary, allowances, perks, traveling allowances, advances, insurance, safety measures, security, transportation and all other misc. expenses etc. of their employees/ workmen during the tenure of AMC. Also, the CONTRACTOR shall be sole responsible for making payment for Hospitalization, Compensation thereof in case of any accident & injury.
- 14.3 The CONTRACTOR shall issue Identity Cards to their employees deployed for execution of the assigned works in the District with the consent of Engineer In charge.
- 14.4 The CONTRACTOR to deploy their manpower immediately for carrying out the work as specified above.
- 14.5 The CONTRACTOR should ensure that there are no disputes regarding service, payment etc of the persons engaged by him, anytime during the currency of the contract. At no point of time during the currency of contract, the CONTRACTOR's employees shall insist upon the COMPANY for employment, wages, and allowances or any other related matter, payment etc.
- 14.6 The CONTRACTOR shall not deploy the manpower below the age of 18 years.



- 14.7 The CONTRACTOR shall not deploy the female manpower between 7 PM to 6 AM.
- 14.8 The CONTRACTOR shall be directly responsible for any / all disputes arising between him and his persons and keep the COMPANY indemnified against all losses, damages and claims arising thereof. The CONTRACTOR shall resolve any dispute of their manpower. All the legal dues of their manpower is to be paid on due date or within 8 days on the termination of manpower.
- 14.9 All safety wears required for the CONTRACTOR's manpower during the execution of work such as safety shoes, safety helmets, hand gloves, safety belt, dust mask, goggles etc. must be provided by the CONTRACTOR at his own cost and he shall ensure that his employees regularly use such safety gears while executing COMPANY's work.
- 14.10 The CONTRACTOR shall be responsible for discipline of his manpower and shall adhere to the disciplinary procedure set by the COMPANY at site. The COMPANY shall be a t liberty to object to the presence of any representative or employees of the CONTRACTOR at the site, if in the opinion of the COMPANY such manpower has done any act of misconduct or negligence or otherwise undesirable, then the CONTRACTOR shall remove such a person objected to and provide a competent replacement immediately.
- 14.11 The CONTRACTOR shall ensure that he has complied with the following:
- has paid minimum wages to his manpower as per the rate notified from time to time by the Government of National Capital Territory of Delhi.
- Contractor shall disburse the salary of his staff through ECS only. No payment by cheque / cash is acceptable.
- 14.12 Deduct and deposited ESI and PF contribution. Copies of the same shall be submitted.
- 14.13 The COMPANY reserves the right to demand the CONTRACTOR's services on holidays as well as beyond the normal working hours.
- 14.14 The CONTRACTOR will ensure that none of their person is engaged in any unlawful activities subversive of the COMPANY's interest failing which suitable action may be taken against the CONTRACTOR as per the terms and conditions of this tender.



- 14.15 The CONTRACTOR shall be liable for payment of all taxes and duties as applicable, to the State/ Central Govt. or any local authority.
- 14.16 The CONTRACTOR's employees shall not be treated as COMPANY's employees / persons for any purpose whatsoever & facilities/ benefits applicable to the COMPANY's employees shall not be applicable to CONTRACTOR's employees. If due to any reasons whatsoever the COMPANY is made liable to meet any obligation under any of the laws & enactment etc, for any reason whatsoever the same shall be recovered from the CONTRACTOR or from any of the bills payable to him or failing which it shall be recovered as per law.
- 14.17 The CONTRACTOR shall be responsible and shall comply with the provision of all the STATUTORY ACTS APPLICABLE. Special attention of the CONTRACTOR is drawn towards the compliance of provision of the following statutes: (along with the latest amendments/additions):
- 14.17.1 The Child Labour (Prohibition and Regulation) Act, 1986.
- 14.17.2 The Contract Labour (Regulation and Abolition) Act, 1970.
- 14.17.3 The Employee's Pension Scheme, 1995.
- 14.17.4 The Employee's Provident Funds and miscellaneous provisions Act, 1952.
- 14.17.5 The Employees State Insurance Act, 1948.
- 14.17.6 The Industrial Disputes Act, 1947.
- 14.17.7 The Maternity Benefit Act 1961.
- 14.17.8 The Minimum Wages Act, 1948.
- 14.17.9 The Payment of Bonus Act, 1965.
- 14.17.10 The Payment of Gratuity Act, 1972.
- 14.17.11 The payment of Wages Act, 1936.
- 14.17.12 The Delhi Shops & Establishment Act, 1954.
- 14.17.13 The Workmen's Compensation Act. 1923.
- 14.17.14 The Employer's Liability Act, 1938

## 15. SUB-CONTRACTING/SUBLETTING:

CONTRACTOR shall not assign or transfer the whole or any part of this Work Order or any other benefits accruing there from nor shall it subcontract / sublet the whole or any part of the Works.

## 16. RISK AND COST:



If the Contractor fails to execute the work as per specification / as per the direction of Engineer's In-change within the scheduled period and even after the extended period, the contract shall be terminated and company reserves the right to get the work executed from any other source at the Risk & Cost of the Contractor. The Extra Expenditure so incurred shall be debited to the Contractor.

## 17.0 INDEMNITY:

Contractor shall indemnify and save harmless COMPANY against and from any and all liabilities, claims, damages, losses or expenses arising due to or resulting from:

- A) Any breach non-observance or non-performance by contractor or its employees or agents of any of the provisions of this Work Order.
- B) Any act or omission of contractor or its employees or agents.
- C)Any negligence or breach of duty on the part of contractor, its employees or agents including any wrongful use by it or them of any property or goods belonging to or by COMPANY.

Contractor shall at all times indemnify COMPANY against all liabilities to other persons, including he employees or agents of COMPANY or contractor for bodily injury, damage to property or other loss which may arise out of or in consequence of the execution or completion of Works and against all costs charges and expenses that may be occasioned to COMPANY by the claims of such person

### 18.0 ARBITRATION:

To the best of their ability, the parties hereto shall endeavor to resolve amicably between themselves all disputes arising in connection with the proposed Agreement. If the same remain unresolved, within fifteen (15) days of the matter being raised by either party, either party may refer the dispute for settlement by arbitration. The arbitration to be undertaken by a sole arbitrator to be appointed by the company. The decision of the arbitrator is final and binding upon both the parties. The arbitration proceeding shall be conducted in accordance with the provisions of the Indian Arbitration & Conciliation Act, 1996 and the venue of such arbitration shall be New Delhi only.

### 19.0 FORCE MAJEURE:

The conditions of Force Majeure shall means the events beyond control of the parties effected such as act of God, Earth quake, Flood, Devastating fire, War, Civil Commotion, Cyclone, Industrial Lockout and Statutory Act of the Government having bearing on the performance of the Contract.

The party affected by Force Majeure shall be obliged to notify the other party within 48 hours, by fax/cable, of the commencement and the end of the Force Majeure circumstances preventing its performance of all or any of its obligations under this order.



If performance of obligations under this order is delayed for more than one months due to a continuous Force Majeure, the party not affected by Force Majeure may at any time thereafter while such Force Majeure continues, by notice in writing forth with terminate all or any part of the unperformed portion this order.

If this order or any portion thereof is terminated under Force Majeure conditions, the Contractor shall be liable to the Company for any damages, losses or liabilities as result thereof.

## 20.0 Environmental, Health & Safety Plan

Contractor will make ensure that the Environment, Health & Safety (EHS) requirements are clearly understood and faithfully implemented at all levels at site as per instruction of Company.

Contractors must comply with these requirements:

- a) Comply with all of the elements of the EHS Plan and any regulations applicable to the work.
- b) Comply with the procedures provided in the interests of Environment, Health and Safety.
- c) Ensure that all of their employees designated to work are properly trained and competent.
- d) Ensure that all plant and equipment they bring on to site has been inspected and serviced in accordance with legal requirement and manufacturer's or suppliers' instructions.
- e) Make arrangements to ensure that all employees designated to work on or visit the site present themselves for site induction prior to commencement of work.
- f) Provide details of any hazardous substances to be brought onsite.
- g) Ensure that a responsible person accompanies any of their visitors to site.

All contractors' staff is accountable for the following:

- 1 Use the correct tools and equipment for the job and use safety equipment and protective clothing supplied, e.g. helmets, goggles, ear protection, etc. as instructed
- 2 Keep tools in good condition
- 3 Report to the Supervisor any unsafe or unhealthy condition or any defects in plant or equipment
- 4 Develop a concern for safety for themselves and for others
- 5 Prohibit horseplay
- 6 Not to operate any item of plant unless they have been specifically trained and are authorized to do so.
- 20.1 Measures related to the Tree Pruning, excavation near tree and construction & demolition:



A. Tree Pruning, Planning, Installation and Maintenance of Utility Apparatus in proximity to trees shall be done mandatorily by ensuring the following prescribed measures:

Notwithstanding anything stated in the tender document, work contract or any other communication issued related to the performance of the work order awarded, it is clarified that the vendor and its associate/employees/worker, during the performance of work under this work order(s), shall ensure full compliance of the provisions of all environment laws/rules/directions by any authority including judicial authority/ regulation related to excavation near tree and construction & demolition activity, and shall mandatorily comply the following instructions:

- 1) The permission of the Tree Officer shall have to be taken as a mandatory condition before the initiation of any civil work, which are likely to be made within a distance of 2mts from any existing tree. In case there is non-compliance of the aforesaid condition of taking permission from the Tree Officer, the same shall entail strict penalty. Contractors are advised to ensure due compliance with the directions.
- 2) Any exposed roots beyond 2 meters of the tree trunk, should be protected with dry sacking and backfilling must be done with a suitable manure mixture and/or the compost material mix as soon as possible on the completion of the works.
- 3) For any excavation to be carried out upto 3 meter from the tree trunk, manual methods (by use of hand) or by using trenchless techniques shall be preferred over use of a mechanical excavation.
- 4) No roots shall be cut during the excavation work.
- 5) Not to lean any materials against or chain mechanical plants to the trunk of the trees.
- 6) Avoid any soil contamination from oil, gasoline, paint and paint thinner or other chemicals.
- 7) All the electric wires and high tension cables and other apparatus relating to supply of electricity shall permanently be removed from the trees branches.
- Records to be maintained by the supervisor to demonstrate adherence to the guidelines for excavation in Proximity to the Trees:
- 1) Ensure pre and post photography and videography of the site demarcated for the excavation work and the same shall not be deleted/removed until securing the prior permission of the Circle head O&M.
- 2) While digging and upon exposure to the roots- take immediate photographs of the same and report the matter to senior officers for further guidance.

If any unauthorized layering of other cables is being carried out at the digging site by some other agency/person, then immediately capture photographs of the same and inform the seniors, who shall take suitable legal actions, if required, which includes intimating to tree officer about such unauthorized laying of wires by such agency.



### B. DUST MITIGATION MEASURES FOR CONSTRUCTION & DEMOLITION ACTIVITIES

Any construction/demolition/excavation related activity performed in furtherance of the performance of work under award, be undertaken only after ensuring the Dust Mitigation Measures prescribed as follows:

- 1) Dust/wind breaking walls of appropriate height around the periphery of the construction site.
- 2) Installation of Anti Smog Gun(s) (for >20,000 m2 built up area).
- 3) Tarpaulin or green net on scaffolding around the area under-construction and the building.
- 4) All vehicles including carrying construction material and construction debris of any kind should be cleaned and wheels washed.
- 5) All vehicles carrying construction material and construction debris should be fully covered and protected.
- 6) All construction debris and construction material of any kind should be stored on the site and not dumped on public roads or pavements.
- 7) No loose soil or sand or Construction & Demolition Waste or any other construction material which may cause dust, shall not be left uncovered.
- 8) No grinding and cutting of building materials in open area. Wet jet should be used in grinding and stone cutting.
- 9) Unpaved surfaces and areas with loose soil should be adequately sprinkled with water to suppress dust.
- 10) Roads leading to or at construction sites must be paved and blacktopped i.e., metallic roads (for >20,000 m2 built up area).
- 11) Construction and demolition waste should be recycled on-site or transported to authorized recycling facility and due record of the same should be maintained.
- 12) Every worker working on construction site and is involved in loading, unloading and carriage of construction material and construction debris should be provided with dust-mask to prevent inhalation of dust particle.
- 13) Arrangement should be provided for medical help, investigation and treatment to workers involved in the construction of building and carry of construction material and debris relatable to dust emission.
- 14) Dust mitigation measures shall be displayed prominently at the construction site for easy public viewing.
- 15) Ensure the compliance of all dust control measure.

It is clarified that BRPL has zero tolerance with respect to the non-compliance/breach of environment laws/rules/directions by any authority including judicial authority/ regulation.



Accordingly, in case of breach by the vendor/its associate/employee/worker to the laws/rules as detailed above, shall be termed as serious breach to the terms of work order and BRPL shall be free to take all actions against vendor for such breach of contract including the termination of the said contract. Additionally, the vendor shall also be liable to indemnify BRPL/its Directors/Officers/Employees/Associates in full including the payment of all loss/penalties/compensation including environment compensation as imposed by any judicial/quasi-judicial citing/alleging such breach.

The vendor shall also be under a mandate to provide an Undertaking to BRPL, which includes that the excavation, tree pruning, construction and demolition work, if performed by such vendor, the same shall be in strict adherence of all environment laws/rules/directions by any authority including judicial authority/ regulation and all the measures provided in work order/tender under the head/title "Measures related to the Tree Pruning, excavation near tree and construction & demolition".

## 21.0 THIRD PARTY INSURANCE:

Before commencing the execution of the work the contractor shall take third party insurance policy to insure against any damage or loss or injury which may occur to any property / public property or to any person or any employee or representative of any outside Agency/ the company engaged or not engaged for the work of the company, by or arising out of the execution of the work or temporary work or in carrying out of this Agreement. For third party insurance policies, the contractor shall be responsible for settlement of claims with the underwriters without any liability on the purchaser / owner and will arrange replacements / rectification expeditiously without a waiting settlement by insurance claim at contractor's own cost.

## (B) TERM INSURANCE COVERS FOR LOSS OF LIFE:

Before commencing the execution of the work the CONTRACTOR shall take TERM INSURANCE POLICY for the staff engaged by them for this work to insure against any loss of life. The policy shall have coverage of Rs. 10 Lakhs. The Contractor shall be responsible for on the spot same day claim settlement with the victim's legal heirs without waiting for settlement by insurance claim without any liability on BRPL.

The premium amount for such life cover policy shall be borne by the contractor. The contractor shall furnish copy of policy when demanded by BRPL.

## (C) GROUP PERSONAL ACCIDENTAL INSURANCE POLICY:



Before commencing the execution of the work the CONTRACTOR shall take Group Accidental insurance policy for the staff engaged by them for this work to insure against any loss of life by accident. The policy shall have coverage of Rs. 5 Lakhs (Death + Permanent Total Disability + Partial permanent Disability due to external accidents). The Contractor shall be responsible for on the spot same day claim settlement with the victim's legal heirs without waiting for settlement by insurance claim without any liability on BRPL.

The premium amount for such life cover policy shall be borne by the contractor. The contractor shall furnish copy of policy when demanded by BRPL.

#### 22.0 SAFETY CODE:

The Contractor shall ensure adequate safety precautions at site as required under the law of the land to facilitate safe working during the execution of work and shall be entirely responsible for the complete safety of their workmen as well as other workers at site and premises during execution of contract.

The contractor shall observe the safety requirements as laid down in the contract and in case of sub-contract (only after written approval of company), it shall be the responsibility of main contractor that all safety requirements are followed by the employees and staff of the sub-contractor.

The contractor employing two hundred employees or more, including contract workers, shall have a safety co-ordinator in order to ensure the implementation of safety requirements of the contract and a contractor with lesser number of employees, including contract workers, shall nominate one of his employees to act as safety co-ordinator who shall liaise with the safety officer on matters relating to safety and his name shall be displayed on the notice board at a prominent place at the work site.

The contractor shall be responsible for non-compliance of the safety measures, implications, injuries, fatalities and compensation arising out of such situations or incidents.

In case of any accident, the contractor shall immediately submit a statement of the same to the owner and the safety officer, containing the details of the accident, any injury or casualities, extent of properly damage and remedial action taken to prevent recurrence and in addition, the contractor shall submit a monthly statement of the accidents to the owner at the end of each month.

## 23.0 SECRECY CLAUSE:

The technical information, drawing and other related documents forming part of order and the information obtained during the course of investigation under this order shall be the Company's exclusive property and shall not be used for any other purpose except for the execution of the



order. The technical information drawing, records and other document shall not be copied, transferred, or divulged and/or disclosed to third party in full/part, not misused in any form whatsoever except to the extent for the execution of this order.

These technical information, drawing and other related documents shall be returned to the Company with all approved copies and duplicates including drawing/plans as are prepared by the Contactor during the executions of this order, if any, immediately after they have been used for agreed purpose.

In the event of any breach of this provision, the contractor shall indemnify the Company against any loss, cost or damage or claim by any party in respect of such breach.

## 24.0 LIQUIDATED DAMAGES:

The Completion period indicated above shall be firm. In case of a delay in repairing of the damaged transformer, for the reasons attributable to the Bidder, you shall be liable to pay us by way of liquidated Damages @ 1 % of the repairing cost of the individual Transformer for each weeks delay or part thereof subject to a maximum of 10%.

## 25. Penalty and Liquidated Damages:

25.1 Penalty: A penalty of 2.5% of bill amount shall be levied in each case of non-compliance of safety practices and site cleanliness.

25.2 Liquidated Damages: In the event of any delay in completion of the work beyond the stipulated time given by in order due to reasons solely attributable to the Contractor, the Contractor shall pay to the Company liquidated damages.

If the Contractor failed perform the services within the time period specified in the order, the Company shall, without prejudice to its other remedies under the contract, deduct liquidated damages a sum equivalent to 2.0% of the billed amount of final work executed for each week or part there of delay until the actual date of completion up to a maximum deduction of 20% of billed amount of final work executed. Once the maximum is reached to Company may consider termination of contract without any liabilities to Company.

In case the contractor has not mobilized / taking up the job as per the direction of Engineer Incharge, the company have all rights to cancel / re-allocate the work allotted to the contractor. Engineer In charge should specifically mention the amount of LD levied on the bill of contractor for this job.



### 26.0 WORKMEN COMPENSATION:

The Contactor shall take insurance policy at his own cost under the Workman Compensation Act to cover such workers who are not covered under ESI and PF by the CONTRACTOR however engaged to undertake the jobs covered under this order and a copy of this insurance policy will be given to Company for reference and records. This insurance policy shall be kept valid at all times. In case there are no worker involve other than those who are covered under ESI and PF by the CONTRACTOR, the CONTRACTOR shall certify for the same.

The CONTRACTOR shall keep the COMPANY indemnified at all times, against all claims of compensation under the provisions of Workmen Compensation Act 1923 as amended from time to time or any compensation payable under any other law for the time being involving workmen engaged by the CONTRACTOR in carrying out the job involved and against costs and expenses, if any, incurred by the COMPANY in connection therewith and without prejudice to make any recovery.

The COMPANY shall be entitled to deduct from any money due to or to become due to the CONTRACTOR, moneys paid or payable by way of compensation as aforesaid or cost or expenses in connection with any claims thereto and the CONTRACTOR shall abide by the decision of the COMPANY as to the sum payable by the CONTRACTOR under the provisions of this clause.

## 27.0 Vendor Code of Conduct:

Contractor confirms to have gone through the Policy of BRPL on legal and ethical code required to be followed by contractor encapsulated in the "Vendor Code of Conduct" displayed on the official website of BRPL (www.bsesdelhi.com) also, which shall be treated as a part of the contract.

Contractor undertakes that he shall adhere to the Vendor code of Conduct and also agrees that any violation of the Vendor Code of Conduct shall be treated as breach of the contract.

In event of any such breach, irrespective of whether it causes any loss/damage, company (BRPL) shall have the right to recover loss/damage from Contractor.

The Contractor herby indemnifies and agrees to keep indemnified the company (BRPL) against any claim/litigation arising out of any violation of Vendor Code of Conduct by the Contractor or its officers, agents & representatives etc.

# 28.0 COMPLIANCE OF APPLICABLE LABOUR LAWS INCLUDING SAFETY RULES AND REGULATIONS:

The CONTRACTOR confirms and undertakes to comply with all applicable Labour Laws/Model Standing Orders and other statutory provisions as applicable in discharging its functions and duties under these presents and under specific Work Orders and fully observe applicable safety rules and regulations. The CONTRACTOR will provide protective safety equipments to its employees / workmen deployed. It will be also obligatory on the CONTRACTOR to comply with all the statutory



requirements related to work-permit, periodic testing of various tools and tackles, including lifting tools, HT / LT Training & Testing kits etc. The CONTRACTOR shall ensure adequate safety precautions at site as required under the law of the land and shall be entirely responsible for the complete safety of its workmen as well as other workers, public, equipment, structures etc. at site.

### 29.0 ACCEPTANCE:

Acceptance of this order implies and includes acceptance of all terms and conditions enumerated in this work order in the technical specification and drawings made available to you, detailed scope of work, detailed technical specification & detailed equipment, drawing. Complete scope of work and the Contractors and Company's contractual obligation are strictly limited to the terms set out in the order. No amendments to the concluded order shall be binding unless agreed to in writing for such amendment by both the parties.



## SECTION -I V: BILL OF QUANTITY/PRICE FORMAT

	ANNEXURE-I				
S.No.	RATES FOR SERVICING OF POWER TRA	NSFOR Unit	RMER UPT Per Trf Qty	O 31.5 MVA Unit rate in Rs.	Total amount in Rs.
1	Dismantling of jumpers, cables, bus bars etc.	Nos.	1		
2	Initial testing of transformer as per IS-2026(IR Value, Turn ratio, Magnetising Current, Magnetic Balance, Short Circuit, Winding resistance).	Nos.	1		
3	Draining of Transformer oil upto Core level. Replacement of gaskets of Inspection windows, pipe lines etc on top. Overhauling & Replacement of gaskets of all valves on top. Dismantling of HV & LV bushings. Replacement of gaskets and oil seals of HV & LV bushings. Cleaning of HV and LV bushings. Erection of HV & LV bushings. Testing/ Checking of Buchholz Relay, PRV, SPR, NCT, WTI CT	Nos.	1		
4	Dismantling and assembling of Conservator and pipe line, Cleaning and replacement of gaskets of conservator, Recharging/Replacement of Silica gel. Replacement of oil level indicating glass gasket. Testing/Replacement of Air cell if available. Testing/Checking of MOG	Nos.	1		
5	Draining of balance transformer tank oil. Overhauling & Replacement of gaskets of all valves at bottom. Replacement of gaskets of Inspection windows at bottom.	Nos.	1		
6	Lifting & Reassembling of top cover/well cover. Tightening of top core bolts and measuring of IR value between core bolts & core etc. Replacement of gasket of top Cover/well cover	Nos.	1		
7	Flushing of core coil assembly.	Nos.	1		
8	Lifting of core coil assembly. Cleaning of tank. Tightening of core coil assembly and measuring of IR value between core bolts & core etc. Tanking of core coil assembly.	Nos.	1		
9	PT- 100 probe fitting in core, winding, space, tank body. Purging of Nitrogen gas and leakage testing by using soap solution at 0.2 kg/cm². Vacuum test by maintaining vacuum of 760 mm Hg for 2 hrs. Heating process till desired dew point and PI is achieved.	Nos.	1		



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10	Overhauling of OLTC. Dismantling of OLTC	Nos.	1			
	conservator & pipe lines. Dismantling of OLTC /lifting of Diverter switch/lowering of diverter tank. Cleaning					
	& Tightening of Selector switch assembly. Cleaning &					
	Tightening of Fixed & moving contacts. Replacement					
	of OLTC barrier gasket./ diverter tank/ diverter switch					
	gasket. Mounting of OLTC. Overhauling &					
	Replacement of gaskets of all valves and pipe lines.					
	Cleaning and replacement of gaskets of OLTC					
	conservator. Cleaning and replacement of gaskets of					
	OLTC conservator. Recharging/Replacement of Silica					
	gel. Testing /Checking of OSR, PRV.					
11	Overhauling of Drive Mechanism of OLTC.	Nos.	1			
	a) Dismantling of Mechanism.					
	b) Replacement of Oil seal of OLTC shaft.					
	c) Cleaning/Replacement of contactors ,switches etc.					
	d) Replacement of Mobile oil of gear box.					
	e) Greasing of moving parts.					
	e) Greasing of moving parts.					
	f) Mounting of Drive Mechanism of OLTC.					
12	Dismantling and assembling of Radiators	Nos.	1			
13	Cleaning of Radiators, Flushing of radiators,	Nos.	1			
	Fabrication of Blanking Plates if required, Pressure					
	testing of Radiators for leakage if required, Cleaning of					
	Radiator valves, and Replacement of Radiator valves					
	gaskets, Replacement of Radiator air release plug washers.					
14	Dismantling and assembling of fans, Cleaning of fan	Nos.	1			
14	supports and frames, Replacement of rubber pads of fan	1108.	1			
	frame.					
15	Filtration of oil in storage tank at 55°C prior to filing in	Per	14000			
	trf. with min. BDV 65 kv. Filling of filtered oil in	Ltr.				
	transformer & OLTC under vacuum. Filtration of oil in					
	transformer & OLTC at 55°C till min. P I 1.5 is					
	attained.(Filtration charges @per ltr., oil capacity of					
	trf. taken 14000 ltr.)					
16	Transportation of oil storage tank	Nos.	1			
17	Transportation of new oil drums from store	Nos.	1			
18	Transportation of old scrap oil to store	Nos.	1			
19	Transportation charges for Filter machine (When	Trip	1			
	servicing not done in PTR only filtration required)					_
20	Painting of Transformer.	Nos.	1			
21	Assembling of jumpers, cables, bus bars etc.	Nos.	1			
		-				



22	Dismantling and assembling of oil pumps and pipe lines etc. Cleaning and replacement of gaskets of oil pumps and pipe lines etc.	Nos.	1	
23	Collection of Oil sample for laboratory testing.(BDV, Tan Delta, Resistivity, IFT, Moisture content, DGA, Neutralization value)	Nos.	1	
24	Final testing of transformer as per IS-2026.(IR, Turn ratio, Magnetizing Current, Magnetic Balance, Short Circuit, Winding resistance).	Nos.	1	
25	Overhauling of Marshalling box. Cleaning/replacement of all contractors, switches, terminal blocks etc. Testing of OTI & WTI. Painting of Marshalling box.	Nos.	1	
26	Overhauling of RTCC, Cleaning/replacement of all contractors, switches, terminal blocks etc. Testing of repeaters, meters, indication lamps etc. Painting of RTCC	Nos.	1	
27	Replacement work, Removal of existing OLTC, cutting of transformer body (if required), Grinding of cutting portion. Fabrication of new flange of new ms sheet if required. Fabrication of new OLTC mounting flange as per size of new OLTC. Providing insulation on internal surface of new mounting flange by zincromate. Arc/ leak prof welding of new mounting flange if required. Cheaking winding resistance of transformer. provideding new copper flexible leads insulated if required, Extension of tapping leads as per requirement by new flexible copper conductor. Jointing & brazing of tapping leads. If required. Thimbling of tapping leads. Providing proper insulation on all tapping leads. Checking of Winding resistance. Mounting of new OLTC.	Nos.	1	
	Total Amount in Rs.			

GST extra



## ANNEXURE-II

# RATES FOR SERVICING OF POWER TRANSFORMER ABOVE RATINGS FROM 32 MVA UPTO 50 MVA

S.No.	Activity	Unit	Per trf Qty	Unit rate in Rs.	Total Amount in Rs.
1	Dismantling of jumpers, cables, bus bars etc.	Nos.	1		
2	Initial testing of transformer as per IS-2026(IR Value, Turn ratio, Magnetising Current, Magnetic Balance, Short Circuit, Winding resistance).	Nos.	1		
3	Draining of Transformer oil upto Core level. Replacement of gaskets of Inspection windows, pipe lines etc on top.  Overhauling & Replacement of gaskets of all valves on top.  Dismantling of HV & LV bushings. Replacement of gaskets and oil seals of HV & LV bushings. Cleaning of HV and LV bushings. Erection of HV & LV bushings. Testing/ Checking of Buchholz Relay, PRV, SPR, NCT, WTI CT	Nos.	1		
4	Dismantling and assembling of Conservator and pipe line, Cleaning and replacement of gaskets of conservator, Recharging/ Replacement of Silica gel. Replacement of oil level indicating glass gasket. Testing/Replacement of Air cell if available. Testing/Checking of MOG	Nos.	1		
5	Draining of balance transformer tank oil. Overhauling & Replacement of gaskets of all valves at bottom. Replacement of gaskets of Inspection windows at bottom.		1		
6	Lifting & Reassembling of top cover/well tank cover. Tightening of top core bolts and measuring of IR value between core bolts & core etc. Replacement of gasket of top Cover/well cover		1		
7	Flushing of core coil assembly.	Nos.	1		
8	Lifting of core coil assembly/well tank, Cleaning of tank. Tightening of core coil assembly and measuring of IR value between core bolts & core etc. Tanking of core coil assembly.		1		
9	PT- 100 probe fitting in core, winding, space, tank body. Purging of Nitrogen gas and leakage testing by using soap solution at 0.2 kg/cm². Vacuum test by maintaining vacuum of 760 mm Hg for 2 hrs. Heating process till desired dew point and PI is achieved.		1		
10	Overhauling of OLTC. Dismantling of OLTC conservator & pipe lines. Dismantling of OLTC /lifting of Diverter switch/lowering of diverter tank. Cleaning & Tightening of Selector switch assembly. Cleaning & Tightening of Fixed & moving contacts. Replacement of OLTC barrier gasket./ diverter tank/ diverter switch gasket. Mounting of OLTC.	Nos.	1		



	Overhauling & Replacement of gaskets of all valves and pipe			
	lines. Cleaning and replacement of gaskets of OLTC conservator. Cleaning and replacement of gaskets of OLTC			
	· · · · · · · · · · · · · · · · · · ·			
	conservator. Recharging/Replacement of Silica gel. Testing			
1.1	/Checking of OSR, PRV.	N.T.	1	
11	Overhauling of Drive Mechanism of OLTC.	Nos.	1	
	a) Dismantling of Mechanism.			
	b) Replacement of Oil seal of OLTC shaft.			
	c) Cleaning/Replacement of contactors ,switches etc.			
	d) Replacement of Mobile oil of gear box.			
	e) Greasing of moving parts.			
	e) Greasing of moving parts.			
	f) Mounting of Drive Mechanism of OLTC.			
12	Dismantling and assembling of Radiators	Nos.	1	
13	Cleaning of Radiators, Flushing of radiators, Fabrication of	Nos.	1	
	Blanking Plates if Required, Pressure testing of Radiators for			
	leakage if required, Cleaning of Radiator valves, and			
	Replacement of Radiator valves gaskets, Replacement of			
	Radiator air release plug washers.			
14	Dismantling and assembling of fans, Cleaning of fan supports	Nos.	1	
	and frames, Replacement of rubber pads of fan frame.			
15	Filtration of oil in storage tank at 55°C prior to filing in trf.	Per	17000	
	with min. BDV 65 kv. Filling of filtered oil in transformer &	Ltr.		
	OLTC under vacuum. Filtration of oil in transformer &			
	OLTC at 55°C till min. P I 1.3 is attained.(Filtration charges			
	@per ltr., oil capacity of trf. taken 17000 ltr.)			
16	Transportation of oil storage tank	Nos.	1	
17	Transportation of new oil drums from store	Nos.	1	
18	Transportation of old scrap oil to store	Nos.	1	
19	Transportation charges for Filter machine (When servicing	trip	1	
	not done in PTR only filtration required)			
20	Painting of Transformer.	Nos.	1	
21	Assembling of jumpers, cables, bus bars etc.	Nos.	1	
22	Dismantling and assembling of oil pumps and pipe lines etc.	Nos.	1	
	Cleaning and replacement of gaskets of oil pumps and pipe			
	lines etc.			
23	Collection of Oil sample for laboratory testing.(BDV, Tan	Nos.	1	
	Delta, Resistivity, Moisture content, DGA, value)			
24	Final testing of transformer as per IS-2026.(IR, Turn ratio,		1	
	Magnetising Current, Magnetic Balance, Short Circuit,			
	Winding resistance).			
25	Overhauling of Marshalling box. Cleaning/replacement of all	Nos.	1	 
	contractors, switches, terminal blocks etc. Testing of OTI &			
	WTI.Painting of Marshalling box.			
26	Overhauling of RTCC, Cleaning/replacement of all	Nos.	1	



	contractors, switches, terminal blocks etc. Testing of			
	repeaters, meters, indication lamps etc. Painting of RTCC			
27	Replacement work, Removal of existing OLTC, cutting of	Nos.	1	
	transformer body, Grinding of cutting portion. Fabrication of			
	new flange of new ms sheet if required. Fabrication of new			
	OLTC mounting flange as per size of new OLTC. Providing			
	insulation on internal surface of new mounting flange by			
	zincromate. Arc/ leak prof welding of new mounting flange.			
	Choking winding resistance of transformer. provideding new			
	copper flexible leads insulated if required, Extension of			
	tapping leads as per requirement by new flexible copper			
	conductor. Jointing & brazing of tapping leads. If required.			
	Thimbling of tapping leads if required. Providing proper			
	insulation on all tapping leads. Checking of Winding			
	resistance. Mounting of new OLTC.			
	Total Amount in Rs.			

GST extra



	ANNEXURE-III				
	SPARE LIST O				
S.N	SPARE ITEM(make as per Tech. spec. in Section-V)	UOM	Unit rates in Rs. (Pls. attach supporting offers from suppliers to be provided)	GST	Total Amount in Rs.
1	Condenser Bushing 66KV	NOS			
2	SPR relays	NOS			
3	AIR cell (3500 X 900)(ALL TYPE AND ALL RATINGS/SIZES OF PTR)	NOS			
4	WTI & OTI (SET)	SET			
5	Flow Pump for 50mva transformer	NOS			
6	100 NB valve (brass)	NOS			
7	LV Bushing Metal Parts	NOS			
8	MOG FOR AIR cell Type conservator S0-6	NOS			
9	flower Gasket for OLTC( Set of 3 gasket)	NOS			
10	Gate valve 80 NB Brass	NOS			
11	TPI(tape position indicator)	NOS			
12	OLTC motor	NOS			
13	Energy accumulator (OLTC)	NOS			
14	Transition resistance OLTC copper	NOS			
15	MOG 10"	NOS			
16	DSS Switch(direct sequence selector switch)	NOS			
17	Gate Valve 50 NB brass	NOS			
18	HV Metal Part(3 feet Rod)	NOS			
19	Buchholz Relay GOR-3(Magnetic type)	NOS			
20	Moving contacts (OLTC)	NOS			
21	Pressure Relief valve(PRV)	NOS			
22	Oil surge relay(OSR)( Magnetic type) order no.	NOS			
23	Resistance moving Plate contact of OLTC	NOS			
24	LV PAM copper	NOS			
25	MOG 6"	NOS			
26	Conservator Pipe line 80 mm (fabrication with material)	NOS			
27	Silica gel Breather 5kg.	NOS			
28	Control supply Transformer(110 V) (OLTC)	NOS			
29	Breather Pipe Line (fabrication) with material	NOS			



30	Breather pipe line For OLTC (Fabrication ) with material	NOS
31	Electric counter in OLTC	NOS
32	Motor Protection Relay	NOS
33	PRV U band Flange	NOS
34	Cable 100 mtr Copper(roll of 100 mtr)	NOS
35	Gate valve 25 mm brass	NOS
36	HV PAM	NOS
37	LV Porcelain Bushing 11 KV, 1500 Amp. CJI make	NOS
38	33 KV HV Bushings porcelain CJI make	NOS
39	MOG 4"(magnetic oil gauge)	NOS
40	NGEF make limit switch	NOS
41	Preventer Relay	NOS
42	Stepping Contactor OLTC	NOS
43	Conservator Glass Tube	NOS
44	Time Delay Relay(TDR)	NOS
45	Gate valve 15 mm brass	NOS
46	Auxiliary Contactor	NOS
47	Raise contactor OLTC	NOS
48	Lower Contactor OLTC	NOS
49	Radiator Valves	NOS
50	CT terminal plate copper	NOS
51	O/L Relay, 6.3 - 10A (Siemens make)	NOS
52	O/L Relay, 0.63 - 1.0A (Siemens Make)	NOS
53	Silica gel Breather 1 kg.	NOS
54	MCB 2 Amp,3P( Siemens make)	NOS
55	MCB 32 Amp, 3-Pole ( Siemens make)	NOS
56	Standby supply switch	NOS
57	Base Plate (600 X 700 mm)MS	NOS
58	Cooler Switch/limit switch	NOS
59	42 mm Brass Nut & Cap	NOS
60	Local – Remote switch.	NOS
61	Local Remote Selector Switch	NOS
62	AC Main On OF Switch	NOS
63	Auto manual switch	NOS
64	Auto manual switch	NOS
65	HV Bushing Lead Copper 70 Sq MM Insulated	KG
66	Control Selector Switch	NOS
67	Raise Lower Switch	NOS



No.   No.   No.	<b>CO</b>	MCD 10 2 D-1-	NOC
70	68	MCB 10 amp, 3 Pole	NOS
Top			
72         HV oil seal         NOS         NOS           73         M.S. Plate 6 mm (100x600) & (300x600)         NOS           74         Marshalling Box Door Lock with Rod Assembly         NOS           75         Round Dummy Plate(HV CT)         NOS           76         Rectangle dummy plate         NOS           77         Backlight plate         NOS           78         Door Glass with Gasket         NOS           79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block INC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92			
73         M.S. Plate 6 mm (100x600) & (300x600)         NOS           74         Marshalling Box Door Lock with Rod Assembly         NOS           75         Round Dummy Plate(HV CT)         NOS           76         Rectangle dummy plate         NOS           77         Backlight plate         NOS           78         Door Glass with Gasket         NOS           79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 linch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator I no.(Kg)         KG           89         Aux. Block INC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93			
74         Marshalling Box Door Lock with Rod Assembly         NOS           75         Round Dummy Plate(HV CT)         NOS           76         Rectangle dummy plate         NOS           77         Backlight plate         NOS           78         Door Glass with Gasket         NOS           79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radi			
75         Round Dummy Plate(HV CT)         NOS           76         Rectangle dummy plate         NOS           77         Backlight plate         NOS           78         Door Glass with Gasket         NOS           79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble 0 Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button </td <td></td> <td></td> <td></td>			
76         Rectangle dummy plate         NOS           77         Backlight plate         NOS           78         Door Glass with Gasket         NOS           79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator I no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           95         Push button         <			
77         Backlight plate         NOS           78         Door Glass with Gasket         NOS           79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block INC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           99         Push button         <			
78         Door Glass with Gasket         NOS           79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block INC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make		<u> </u>	
79         MS Plate 700*600         NOS           80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermosta 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block INC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block INO (Siemens Make)         NOS           99         Cable Gland			
80         MS Plate 600*550         NOS           81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NO	78		
81         Cable Tray 5x5 ft         NOS           82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator I no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS <td>79</td> <td></td> <td></td>	79		
82         Marshalling Box Door Lock         NOS           83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator I no.(Kg)         KG           89         Aux. Block INC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block INO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS	80	MS Plate 600*550	NOS
83         Door Gasket of Marshaling Box/Drive Mech.         NOS           84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS <td>81</td> <td>-</td> <td>NOS</td>	81	-	NOS
84         Teflon Studs 18 mm x 2 inch         NOS           85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           105         Terminal Block 63 Amp         NOS <td>82</td> <td>Marshalling Box Door Lock</td> <td>NOS</td>	82	Marshalling Box Door Lock	NOS
85         Thermostat 70 Degree         NOS           86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	83	Door Gasket of Marshaling Box/Drive Mech.	NOS
86         Cable Casing         NOS           87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           105         Terminal Block 63 Amp         NOS	84	Teflon Studs 18 mm x 2 inch	NOS
87         MCB channel         NOS           88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           105         Terminal Block 63 Amp         NOS	85	Thermostat 70 Degree	NOS
88         Radiator 1 no.(Kg)         KG           89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	86	Cable Casing	NOS
89         Aux. Block 1NC (Siemens Make)         NOS           90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	87	MCB channel	NOS
90         Strip Heater         NOS           91         Radiator Air Plug         NOS           92         U Type Thimble 4 mm (pkt)         NOS           93         Thimble O Type(pkt)         NOS           94         Supply of radiator gate valve top cover/ cap         NOS           95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	88	Radiator 1 no.(Kg)	KG
91 Radiator Air Plug 92 U Type Thimble 4 mm (pkt) 93 Thimble O Type(pkt) 94 Supply of radiator gate valve top cover/ cap 95 Push button 96 Bushing Clamp (brass) 97 Toggle Switch 98 Aux. Block 1NO (Siemens Make) 99 Cable Gland 100 Gland 101 TB channel 102 Large Terminal Block 103 Switch Socket 15 Amp 104 Door switch 105 Terminal Block 63 Amp 108 NOS 100 SSSEE SAME SOS SSSEE SS	89	Aux. Block 1NC (Siemens Make)	NOS
92 U Type Thimble 4 mm (pkt) 93 Thimble O Type(pkt) NOS 94 Supply of radiator gate valve top cover/ cap 95 Push button NOS 96 Bushing Clamp (brass) NOS 97 Toggle Switch NOS 98 Aux. Block 1NO (Siemens Make) NOS 99 Cable Gland NOS 100 Gland NOS 101 TB channel NOS 102 Large Terminal Block NOS 103 Switch Socket 15 Amp NOS 104 Door switch NOS 105 Terminal Block 63 Amp NOS 106 NOS 107 Terminal Block 63 Amp NOS 108 NOS 109 NOS 100 NOS	90	Strip Heater	NOS
93Thimble O Type(pkt)NOS94Supply of radiator gate valve top cover/ capNOS95Push buttonNOS96Bushing Clamp (brass)NOS97Toggle SwitchNOS98Aux. Block 1NO (Siemens Make)NOS99Cable GlandNOS100GlandNOS101TB channelNOS102Large Terminal BlockNOS103Switch Socket 15 AmpNOS104Door switchNOS105Terminal Block 63 AmpNOS	91	Radiator Air Plug	NOS
94Supply of radiator gate valve top cover/ capNOS95Push buttonNOS96Bushing Clamp (brass)NOS97Toggle SwitchNOS98Aux. Block 1NO (Siemens Make)NOS99Cable GlandNOS100GlandNOS101TB channelNOS102Large Terminal BlockNOS103Switch Socket 15 AmpNOS104Door switchNOS105Terminal Block 63 AmpNOS	92	U Type Thimble 4 mm (pkt)	NOS
95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	93	Thimble O Type(pkt)	NOS
95         Push button         NOS           96         Bushing Clamp (brass)         NOS           97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	94	Supply of radiator gate valve top cover/ cap	NOS
97         Toggle Switch         NOS           98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	95		NOS
98         Aux. Block 1NO (Siemens Make)         NOS           99         Cable Gland         NOS           100         Gland         NOS           101         TB channel         NOS           102         Large Terminal Block         NOS           103         Switch Socket 15 Amp         NOS           104         Door switch         NOS           105         Terminal Block 63 Amp         NOS	96	Bushing Clamp (brass)	NOS
99         Cable Gland         NOS	97	Toggle Switch	NOS
100       Gland       NOS         101       TB channel       NOS         102       Large Terminal Block       NOS         103       Switch Socket 15 Amp       NOS         104       Door switch       NOS         105       Terminal Block 63 Amp       NOS	98	Aux. Block 1NO (Siemens Make)	NOS
101TB channelNOS102Large Terminal BlockNOS103Switch Socket 15 AmpNOS104Door switchNOS105Terminal Block 63 AmpNOS	99	Cable Gland	NOS
102Large Terminal BlockNOS103Switch Socket 15 AmpNOS104Door switchNOS105Terminal Block 63 AmpNOS	100	Gland	NOS
103Switch Socket 15 AmpNOS104Door switchNOS105Terminal Block 63 AmpNOS	101	TB channel	NOS
104Door switchNOS105Terminal Block 63 AmpNOS	102	Large Terminal Block	NOS
105 Terminal Block 63 Amp NOS	103	Switch Socket 15 Amp	NOS
-	104	Door switch	NOS
106 Nut Bolt NOS	105	Terminal Block 63 Amp	NOS
	106	Nut Bolt	NOS



107	Thimbles(250sqmm)	NOS
108	Hadder support bolt m-35	NOS
109	Holder	NOS
110	Radiator Hader bolts supply (HT) M-35	NOS
111	ON OFF Switch	NOS
112	Lamp Switch	NOS
113	Bulb	NOS
114	WTI repeater meter	NOS
115	OTI Repeater Meter	NOS
116	TPI Repeater Meter	NOS
117	Cooling Fans 24"	NOS
118	Fan back Grills	NOS
119	CT terminal Bakelite plate	NOS
120	Top Cover Nut Bolt and washers	NOS
121	Radiator Teflon washers	NOS
122	WTI meter (Temp indicator,TRF winding; Temp range 0 to150 DEG C)	NOS
123	OTI meter (Temp indicator,TRF OIL; Temp range 0 to 150 DEG C)	NOS



## **SECTION-V**

## **TECHNICAL SPECIFICATIONS**

(Enclosed herewith as

Specification No: GN101-03-SP-32-01, Page 1 to 38)



## **APPENDIX-I**

PROFORMA OF CONTRACT PERFORMANCE BANK GUARANTEE

(TO BE ISSUED ON RS 100/- STAMP PAPER)

Bank Guarantee No.	
Place:	
Date:	
То	

BSES Rajdhani Power Limited Whereas BSES RAJDHANI POWER LTD (hereinafter referred to as the "Purchaser", which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) has awarded to M/s.. with its Registered/ Head Office at (hereinafter referred to as the "Supplier" which expression shall unless repugnant to the context or meaning thereof, include its successors administrators, executors and assigns), contract no. dated (the Contract); And whereas the value of the Contract is Rs. (The Contract Value). And whereas it is a condition of the Contract that the Supplier shall provide a Performance Bank Guarantee for the due and faithful performance of the entire Contract for a sum equivalent to - % of the Contract Value to the Purchaser on or before And whereas the Bank under instructions from the Supplier has agreed to guarantee dle due performance of the Contract.

Now it is agreed as follows:

- 1. we (Name of the Bank) having its Head Office at (hereinafter referred to as the Bank, which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) shall indemnify and keep indemnified the Purchaser for, and guarantee and undertake to pay to the Purchaser immediately on written demand, a sum equivalent to % of the Contract Value as aforesaid at any time upto (day/month/year) without any demur, reservation contest, recourse or protest and/or without any reference to the Supplier, against all losses, damages, costs and expenses that may be caused to or suffered by the Purchaser by reason of any default on the pall of the Supplier in performing and observing any and all the terms and conditions of the Contract or breach on the part if the Supplier of terms or conditions of the Contract.
- 2. The demand shall consist only of an original letter issued by Purchaser stating that the Supplier has failed to fulfill its obligations under the Contract. Such demand made by the Purchaser on the Bank shall be conclusive and binding notwithstanding any difference or dispute between the Purchaser and the Supplier or any difference or dispute pending before any Court, Tribunal, Arbitrator or any other authority.
- 3. The Bank undertakes not to revoke this guarantee during its currency without previous written consent of the Purchaser and further agrees that the guarantee herein contained shall continue to be enforceable during the period that would be taken for satisfactory performance and fulfillment



in all respects of the Contract or in the event of any dispute between the Purchaser and Supplier until the dispute is settled (provided that d1e claim! demand under this guarantee is lodged /referred during the currency of this guarantee) or till the Purchaser discharges this guarantee whichever is earlier.

- 4. The Purchaser shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance of the Contract by the Supplier. The Purchaser shall have the fullest liberty, without affecting the liability of the Bank under this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Supplier, and to exercise the same at any time in any manner, and either to enforce or to forbear to enforce any covenants, contained or implied, in the Contract. or any other course or remedy or security available to the Purchaser. The Bank shall not be released of its obligations under these presents by any exercise by the Purchaser of its liberty with reference: to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of Omission or commission on the part of the Purchaser or any other indulgence has shown by the Purchaser of by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.
- 5. The Bank agrees that the Purchaser and its option shall be entitled to enforce this guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Supplier and notwithstanding any security or other guarantee that the Purchaser may hive in relation to the Supplier's liabilities.
- 6. Notwithstanding anything contained hereinabove the liability of the Bank under this guarantee is restricted to a sum equivalent to % of the Contract Value ie. Rs.(Rupees) and it shall remain in force upto and including .Unless a demand to enforce a claim under this guarantee is made against the signature Bank within 3 months from the the above date of expiry i.e. up to all the rights of the Purchaser under the said guarantee shall be forfeited and the Bank shall be released and discharged from all liabilities thereafter.
- 7. This Performance Bank Guarantee shall be governed by the laws of India. Dated this Witness day of 2025 at
- 1. For Bank
- 2. Signature Name Power of Attorney No:

Banker's Seal



## **ANNEXURE - B**

## **ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT**

(To be signed and stamped by the bidder prior to participation in the auction event)

BRPL intends to use the reverse auction through SAP-SRM tool as an integral part of the entire tendering process. All the bidders who are found as techno commercially qualified based on the tender requirements shall be eligible to participate in the reverse auction event.

The following terms and conditions are deemed as accepted by the bidder on participation in the bid event:

- 1. BRPL shall provide the user id and password to the authorized representative of the bidder. (Authorization letter in lieu of the same be submitted along with the signed and stamped acceptance form)
- 2. BRPL will make every effort to make the bid process transparent. However, the award decision by BRPL would be final and binding on the supplier/Contractor.
- 3. The bidder agrees to non-disclosure of trade information regarding the purchase, identity of BRPL, bid process, bid technology, bid documentation and bid details.
- 4. The bidder is advised to understand the auto bid process to safeguard themselves against any possibility of non-participation in the auction event.
- 5. In case of bidding through internet medium, bidders are further advised to ensure availability of the entire infrastructure as required at their end to participate in the auction event. Inability to bid due to telephone line glitch, internet response issues, software or hardware hangs; power failure or any other reason shall not be the responsibility of BRPL.
- 6. In case of intranet medium, BRPL shall provide the infrastructure to bidders, further, BRPL has sole discretion to extend or restart the auction event in case of any glitches in infrastructure observed which has restricted the bidders to submit the bids to ensure fair & transparent competitive bidding. In case of an auction event is restarted, the best bid as already available in the system shall become the start price for the new auction.
- 7. In case the bidder fails to participate in the auction event due any reason whatsoever, it shall be presumed that the bidder has no further discounts to offer and the initial bid as submitted by the bidder as a part of the tender shall be considered as the bidder's final no regret offer. Any offline price bids received from a bidder in lieu of non-participation in the auction event shall be out rightly rejected by BRPL.
- 8. The bidder shall be prepared with competitive price quotes on the day of the bidding event.
- 9. The prices as quoted by the bidder during the auction event shall be inclusive of all the applicable taxes, duties and levies and shall be FOR at BRPL site.
- 10. The prices submitted by a bidder during the auction event shall be binding on the bidder. No further communication will be there.
- 11. No requests for time extension of the auction event shall be considered by BRPL.



for arriving at contract amount.
For
Signature:
Name:
Designation:

12. The original price bids of the bidders shall be reduced on pro-data basis against each line item based on the final all-inclusive prices offered during conclusion of the auction event



## **ACCEPTANCE FOR NO DEVIATION**

### **NO DEVIATION -A**

## NIT NO & DATE:

We hereby accept all terms and conditions of the technical scope of work as mandated in the tender documents subject to the following deviations as mentioned against the applicable technical qualifying requirement:

S.NO.	SL.NO OF TECHNICAL SPECIFICATION/SCOPE OF WORK	DEVIATIONS, IF ANY

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### SIGNATURE & SEAL OF BIDDER

## **NO DEVIATION -B**

## NIT NO & DATE:

We hereby accept all terms and conditions of the commercial requirement as mandated in the tender document subject to the following deviations as mentioned against the applicable commercial qualifying requirement:

S.NO.	S. NO OF COMMERCIAL REQUIREMENTS	DEVIATIONS, IF ANY

Note:-It is important to explicitly include all such terms and conditions which are considered absolutely necessary to be accepted by the bidder without any deviation. The tender document should have a stipulation that deviation to such criteria shall make the bid liable for rejection.

NAME OF BIDDER		SIGNATURE & SEAL OF
	BIDDER	

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## **ANNEXURE -C: BID FORM**

To,

**Head of Department**,

**Contracts & Material Department,** 

**BSES RAJDHANI Power Ltd** 

Ist Floor, C Block

BSES Bhawan, Nehru Place

New Delhi 110019.

Dear Sir.

- We understand that BRPL is desirous of awarding the contract for.......... (Name of the Work) work in its licensed distribution network area in Delhi.
- Having examined the Tender Documents for the above named works, we the undersigned, offer to deliver the goods/services in full conformity with the Terms and Conditions, technical specifications & Scope of Work as may be determined in accordance with the terms and conditions of the contract. The quoted amounts for this work are in accordance with the Price Schedules attached herewith and are made part of this bid.
- If our Bid is accepted, we undertake to deliver the entire goods/services as per delivery/ completion schedule mentioned in Section III from the date of award of order/letter of intent.
- If our Bid is accepted, we will furnish a Contract Cum Performance Bank Guarantee (CPBG) for due performance of the Contract in accordance with the Terms and Conditions of the NIT.
- We agree to abide by this Bid for a period of 180 days from the due date of bid submission and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
- We declare that we are aware of the provision of all Laws associated with the supply of equipment's/materials or Services and the prices have been quoted accordingly.
- 7 Unless and until Letter of Intent is issued, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
- 8 We understand that BRPL is not bound to accept the lowest, or any bid BRPL may receive.



	the Laws and Jurisdiction of Contract.
10	We do hereby agree and shall abide the terms of tender documents/agreement, in full
	Dated this day of
	Signature In the capacity of
	duly authorized to sign for and on behalf of
	(IN BLOCK CAPITALS)

There is provision for Resolution of Disputes under this Contract, in accordance with