

Tender Notification for Award of work for

“Testing on 11 kV complete cable installation (Pre-commissioning and Pre-Energization testing details) BRPL”

**NIT NO.BR/ENQ/26-27/FK/CR/AL/3155
Dated: 19.06.2026**

Tender issue date: 19.06.2026

Date & Time of Submission: 25.06.2026, 3:30 PM.

Issued to:

**BSES RAJDHANI POWER LIMITED,
BSES Bhawan, Nehru Place, New Delhi-110019
Corporate Identification Number: U40109DL2001PLC111527
Telephone Number : +91 11 4910 7454
Website : www.bsedelhi.com**

REQUEST FOR QUOTATION (RFQ)

1. GENERAL

BSES Rajdhani Power Limited invites sealed tenders on a “Single Stage: Two Envelope” Bidding basis (Envelope –I, Techno-Commercial Bid & Envelope-II, Price Bid) from eligible Bidders for **“Testing on complete cable installation (Pre-commissioning and Pre-Energization testing details) BRPL”**.

- 1.1. The bidder must qualify the requirements as specified in heading “Qualifying Requirements” of this RFQ.
- 1.2. The sealed envelopes shall be duly super-scribed as:

“NIT No.: CMC/BR/26-27/FK/CR/AL/3155 Dated: 19.06.2026”

For Testing on complete cable installation (Pre-commissioning and Pre-Energization testing details) BRPL”.

- 1.3. Schedule of the tendering process is given below. Detailed Specification, Scope of Work, Terms & Conditions, etc are mentioned in the Tender documents, which is available on our website.

Duration of the Work	2 Years
Tender documents on sale	19/06/2026 to 25/06/2026 (Working days)
Date & time of Submission of Bid	25.06.2026 till 15:30 HRS
Date & time of opening of Techno-Commercial Bid	25.06.2026 at 16:00 HRS

Place of Bid Submission & Bid opening:

BSES RAJDHANI POWER LIMITED,

BSES Bhawan, Nehru Place, New Delhi-110019

Corporate Identification Number: U40109DL2001PLC111527

Telephone Number: +91 011 4910 7454

Website: www.bsesdelhi.com

1.4. POINTS TO BE NOTED

- 1.4.1. Works envisaged under this contract are required to be executed in all respects up to the period of completion/ duration of work mentioned above.
- 1.4.2. Only those agencies, who fulfill the qualifying criteria as mentioned in clause 2 should submit the tender documents.
- 1.4.3. BSES RAJDHANI Power Ltd reserves the right to accept/reject any or all bids without assigning any reason thereof and alter/amend/modify/add/reduce the amount and quantity mentioned in the tender documents at the time of placing Order
- 1.4.4. The bid will be summarily rejected if bid received after due date and time.

GENERAL INSTRUCTIONS TO BIDDERS

1. GENERAL INSTRUCTIONS

- 1.1. Bids shall be prepared and submitted in accordance with these instructions.
- 1.2. 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.
- 1.3. 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.
- 1.4. Issue of RFQ is not deemed as qualified for the job. BRPL's assessment of the bidders 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.
- 1.5. 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.
- 1.6. The price format shall legibly handwritten in ink by the bidder. Printed price format shall not be allowed.
- 1.7 This is a two part bid process. Bidders are to submit the bids in 2(two) parts
- 1.8 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. Part-B bid of only Techno-commercially qualified bidders will be opened.

2. Qualifying Criteria:

Details of the Tests to be conducted :

- A) Sheath Test (refer Fig 12 from the attached SOP as Annexure-B)
- B) VLF high voltage test as per IEEE 400.2 (instead of DC high voltage test)
 - o VLF = 0.1 Hz Sinusoidal
- C) VLF tan delta as per IEEE 400.2
 - o VLF = 0.1 Hz Sinusoidal

- o Measure and record: Mean TD at U₀, Tip up (TU) (difference in mean TD) between 0.5 U₀ and 1.5 U₀, TD time stability(SDev) measured by standard deviation at U₀
 - o Refer sample report and diagrams (refer Fig 13, Fig 16 from the attached SOP as Annexure-B)
- D) VLF partial discharge as per IEEE 400.2
- o VLF = 0.1 Hz Sinusoidal
 - o Measure and record: PD calibration, PD mapping, PD summary parameters such as PDIV, PDEV, PD max & PD level at 1U₀, 1.7U₀& 2U₀ and operating mode / frequency, General and localized Phase Resolved PD pattern (PRPD)
 - o Refer sample report and diagrams (refer Fig 14, Fig 17, Fig 18, Fig 19 from the attached SOP as Annexure-B)

Price quotation must be taken for every CMT test (mentioned) on individual basis.

Note:

- a) For the above four tests, Detailed reports must be provided by the testing agency in Excel and PDF format with the proper recommendation as per IEEE standards. Testing result data in excel format must also be provided as per the format given by BRPL.
- b) Before starting of these mentioned condition monitoring tests, earthing continuity test is mandatory. In case of discontinuity, condition monitoring testing agency must report to the concerned execution engineer.

2.1. Technical and Commercial Evaluation Criteria:

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

2.1.1. Technical Qualifying Criteria

A) Relevant Experience:

- The bidder should have successfully executed VLF testing of HT underground cables (11 kV/22 kV/33 kV or above) during the last 3 years.
- Experience certificates or work completion certificates from DISCOMs, SEBs, PSUs, Government organizations, or reputed private utilities should be submitted.

B) Ownership/Availability of Equipment

- The bidder should own or have a valid lease agreement for:
 - VLF Test Set (0.1 Hz)
 - Tan Delta Measurement Unit
 - Partial Discharge (PD) Testing Equipment (Mandatory)
 - Cable Fault Location Equipment

C) Calibration Certificates

- All testing instruments must possess valid calibration certificates from NABL-accredited laboratories.

D) Qualified Manpower

- At least one Electrical Engineer (Diploma/Degree) with experience in HT cable testing.
- Trained testing technicians/operators certified by the equipment manufacturer or having relevant field experience.

2.1.2. Commercial Qualifying Criteria:

- Average annual turnover of the last three financial years (FY 22-23, FY 23-24 & FY 24-25) audited financial statement should not be less than Rs 2.00 Crore (Two crore). The bidder shall submit the Annual Turnover Report of the last 3FYs duly certified by a Chartered Accountant. The Turnover certificate must have UDIN Number.
- Bidder to submit UDIN based CA Certificate showing upto date all statutory compliance like GST returns/ PF and ESI returns etc. i.e upto FY 24-25.
- Valid Registration No. of GST and PAN no.
- Bidder should fulfil all statutory compliances like PF, ESI registration.
- 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.

- The bidder should give an undertaking by the Authorized Person on their letterhead that all the documents/certificates/information submitted by them against the tender are 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 forged, 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 indefinite period or period as may be decided by BRPL.
- 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, lacks qualifying prerequisites to participate in this tender will not be considered. Accordingly, an undertaking by the Authorized Person along with other documents to be provided by the bidder on its letter head in this regard, confirming in clear terms, that the contractor has not been debarred/blacklisted as on the date of submission of the bid. Bidders who is currently debarred/blacklisted/ suspended by BRPL will not be considered in this tender.
- 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.
- Manpower details (Name & Designation) with their qualification.
- Details of office/s in Delhi, Details of Registered and Corporate offices and details of other offices/establishments in India.
- An undertaking to provide all Tools & Plants , PPEs as per tender scope

2.1.3 OTHER REQUIREMENTS:

- A. 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 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:
 - D. Bidder to submit UDIN based CA Certificate showing NIL dues towards Statutory Liabilities, including GST, Taxation, PF, ESI, or any other dues Statutory in nature for the period up to 31.03.2025, herein collectively called as “Statutory dues” and there is no liability over the bidder relating to deposition of such statutory dues.
 - E. Organization chart for execution of the contract
 - F. Experience details with credentials
 - G. Copy of valid Electrical License
- Put up for approval to PQR Committee (As per the circular No CEO (BRPL)/22-23/7688, dated 09.06.2022) for floating of 11 KV open tenders.

3. BID SUBMISSION

- 3.1. 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 Department,
BSES Rajdhani Power Limited,
1st Floor, “C” Block, BSES Bhawan,
Nehru Place,
New Delhi-110019.**

- 3.2. 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.
- 3.3. 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.

3.3.1 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 4.0,

- 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, BG 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.

3.3.2 PART B: PRICE BID (Envelop-2):

The second sealed envelope shall contain Price bids in paper form (hard copies and envelope superscribing **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 VI. 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.

3.3.3 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.

3.3.4 PRELIMINARY EXAMINATION OF BIDS / RESPONSIVENESS:

1. 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.
2. 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.

3.3.5 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.

4. 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	25/06/2026
2	Opening of Techno-Commercial Bid	Opening of PART-A	25/06/2026
3	Opening of Price Bid	Opening of PART-B of only the techno-commercially qualified bidders (List of bidders will be published at our website)	To be informed separately
4	Reverse Auction	As per RA terms	Schedule will be intimated to eligible bidders through email from email id: BRPL.Eauction@relianceada.com

E) AWARD CRITERIA

2.1. Company reserves the right to award the work to one or more bidders.

2.2. 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.

2.3. The Company reserves all the rights to award the contract to one or more bidders so as to meet the delivery requirement or nullify the award decision without any reason.

2.4. 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 at the risk and cost of the contractor.

2.5. 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.

2.6. "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.

2.7. Bidders shall quote the total price as a whole attached in the price bid for execution of this scheme. The bidders shall quote total value against BRPL estimated amount based on BRPL scheduled rates as per the price bid format. The bidder shall not quote individual rates against individual activities. After RA, the overall discount received (if any) with respect to the total BRPL estimate value shall be applied on the BRPL scheduled rates of the individual activities. The decision of BRPL in this respect is final and binding on the bidders.

F) FINANCIAL BID EVALUATION THROUGH REVERSE AUCTION

BRPL reserves the right to carry out Reverse Auction 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 Reverse Auction process shall be governed by the terms and conditions. Training/details shall be provided to bidders before participation in auction. 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 is final. In case RA is not concluded / conducted for any reasons, a "final no regret" financial bid in a sealed envelope will be called for from all qualified bidders.

G) ARITHMETICAL ERRORS

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.

5. MARKET INTEGRITY

We have a fair and competitive marketplace. The rules for the bidders are outlined in the Terms & Conditions of the tender documents. Bidders must agree to these rules prior to participating in the tender. In addition to other remedies available, we reserve 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 & Conditions. Bidder(s) who violate the marketplace rules or engage in behavior that disrupts the fair execution of the marketplace restricts a bidder from participation in future tenders of BRPL to a length of time as decided by BRPL, depending upon the seriousness of the violation. Examples of violations include, but are not limited to:

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

- Misrepresentation of facts, submitting false and fabricating documents

6. CONFIDENTIALITY

All information contained in this tender document 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 tender documents remain the property of BRPL and all bidders are required to return these documents to BRPL upon request.

Bidder(s) who do not honour these confidentiality provisions will be excluded from participating in future bidding events.

The bidder shall sign a Non-Disclosure Agreement (NDA) in the format attached in tender document and submit along with its bid.

7. 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	E-mail Address / Phone Number
Technical		
“Testing on complete cable installation (Pre-commissioning and Pre-Energization testing details) BRPL”	Mr. Sunil Kashyap	Sunil.Kashyap@reliancegroupindia.com
	Asst. VP	9312667278
	All technical queries shall also be marked copy to Commercial team as per the details below.	
Commercial		
C&M Dept, 1st Floor, C Block,	Mr. Lakshminarayanan DGM-(Contracts)	Lakshminarayanan.Annasnamy@relianceada.com 011-49107688
BSES Rajdhani Power Ltd BSES Bhawan, Nehru Place, New Delhi – 110019.	Mr. Amitava Nandi, (Head Contracts)	Amitava.nandi@relianceada.com 011-49299619

TERMS AND CONDITIONS

1. SCOPE OF WORK: AWARD OF WORK FOR CARRYING OUT Testing on complete cable installation (Pre-commissioning and Pre-Energization testing details) BRPL(detailed scope in clause no. 5).

2. DEFINITIONS and INTERPRETATION:

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

2.1. Company : The terms "Company" shall mean BSES Rajdhani Power Ltd. having its office at BSES Bhawan, Nehru Place, New Delhi-110019, Corporate Identification Number : U74899DL2001PLC111527, Telephone Number : +91 11 3009 9999, Fax Number : +91 11 2641 9833 , Website : www.bsesdelhi.com and shall include its authorized representatives, agents, successors and assigns.

2.2. CONTRACTOR: shall mean the successful bidder and shall include its authorized representative, agents, successors, and assigns.

2.3. 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.

2.4 SITE: The terms "Site" shall mean the working location in BRPL area.

2.5 ENGINEER IN CHARGE: "Engineer In-charge" means the Company's authorized representative for the purpose of carrying out the work. For this Work Order Respective DGM As.V.P Smart Grid shall be the Engineer-in-charge under this contractual agreement or any of his nominated representatives.

2.6 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.

2.7 Effective Date: means the date when Contractor through its authorized representative places its signature on the duplicate copy of this Order.

2.8 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.

3. 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.

4. 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.

H) SCOPE OF WORK FOR Testing on complete cable installation (Pre-commissioning and Pre-Energization testing details) BRPL:

The successful bidder shall carry out comprehensive diagnostic testing and health assessment of all newly installed cables identified by the BRPL.

The scope shall include testing of:

- 11kV XLPE Underground Cables having Straight Through Joints, Transition Joints, Indoor Terminations, Outdoor Terminations
- Earthing Arrangement

The contractor shall provide all manpower, instruments, software, transportation, consumables and accessories required for completion of the assignment.

5.1 MANDATORY TESTING REQUIREMENTS

The following tests shall be mandatory for every cable section before energization.

5.1.1 Sheath Integrity Test

Purpose

To verify the integrity of the cable outer sheath and identify any damage that could permit moisture ingress or corrosion.

Scope

The test shall identify:

- Sheath punctures.
- Mechanical damage.
- Cuts and abrasions.
- Defective sheath restoration.
- Water ingress paths.
- Installation-related damage.

Deliverables

- Test results.
- Defect locations.
- Severity assessment.
- Recommendations for repair.

5.1.2 Very Low Frequency (VLF) Withstand Test

Purpose

To verify insulation strength and demonstrate the cable's ability to withstand electrical stress before commissioning.

Scope

Testing shall include:

- Complete cable sections
- Installed joints
- Installed terminations

Requirements

The test shall be conducted in accordance with the latest applicable IEEE and IEC standards.

Deliverables

- Test voltage
- Duration
- Leakage current observations
- Pass/Fail criteria
- Test certification

5.1.3 Tan Delta Diagnostic Test**Purpose**

To assess insulation condition and dielectric performance.

Scope

The contractor shall evaluate:

- Dielectric losses
- Moisture ingress
- Insulation contamination
- Insulation ageing
- Installation defects

Deliverables

- Tan Delta values.e.g. Standard deviation, Tip-up value & Mean Tan delta etc.
- Diagnostic interpretation.
- Condition grading.
- Risk categorization.
- Recommended corrective actions.

5.1.4 Partial Discharge (PD) Test**Purpose**

To identify localized insulation defects before energization.

Scope

Testing shall detect PD activity within:

- Cable insulation
- Joints
- Terminations
- Stress control zones
- Interface regions

Requirements

The contractor shall provide:

- PD magnitude.
- PD inception voltage.
- PD extinction voltage.
- Noof Partial discharge locations
- Approximate defect location.
- Severity assessment.

Deliverables

- PD mapping with PRPD pattern.
- Defect localization.
- Technical interpretation.
- Recommendations.

5.2 ADDITIONAL VERIFICATION REQUIREMENTS

The contractor shall verify:

Bonding System

- Earthing continuity.

Cable Accessories

- Joint identification.
- Termination condition.
- Installation quality.

5.3 APPLICABLE STANDARDS

Testing shall comply with the latest editions of IEC & IEEE e.g.:

- IEC 60502
- IEEE 400.2-.....
- IEEE 400.2-2012
- IEEE 400.2-2013
- CIGRE Technical Brochures
- Manufacturer's Recommendations
- BRPL's Technical Specifications (Annexure)

Where multiple standards apply, the most stringent requirement shall govern.

5.4 HEALTH ASSESSMENT CRITERIA

The contractor shall develop a condition assessment matrix categorizing cable sections as:

Category A – Healthy

No significant defects detected.

Suitable for immediate energization.

Category B – Acceptable with Observation

Minor anomalies detected.

Suitable for energization with monitoring recommendations.

Category C – Conditional Acceptance

Defects requiring rectification before energization.

Category D – Unacceptable

Major defects identified.

Not recommended for energization.

5.5 DELIVERABLES

The contractor shall submit the following:

5.5.1 Preliminary Site Report

- Site observations.
- Testing readiness.
- Deficiencies observed.

5.5.2 Detailed Test Reports

Including:

- Cable details.
- Test setup.
- Instrument details.
- Calibration records.
- Raw data.
- Test observations.

5.5.3 Diagnostic Assessment Report

Including:

- Sheath assessment.
- VLF assessment.
- Tan Delta assessment.
- PD assessment.
- Defect analysis.

5.5.4 Cable Health Assessment Report

Including:

- Overall condition rating.
- Risk evaluation.
- Recommended actions.

5.5.5 Fitness-for-Energization Certificate

The contractor shall issue a signed certificate clearly stating:

- Suitable for Energization; or
- Suitable after Rectification; or
- Not Suitable for Energization.

5.6 VENDOR QUALIFICATION REQUIREMENTS

The bidder shall:

- Have minimum three years' experience in cable diagnostics.
- Have successfully completed similar assignments on 11 kV and above systems.
- Possess calibrated VLF, Tan Delta, PD and Sheath Test equipment.
- Have qualified testing engineers and diagnostic specialists.
- Submit documentary e.g. W.Os. & performance certificates evidence of similar projects executed.

5.7 PROPOSAL SUBMISSION REQUIREMENTS**Technical Proposal**

- Company profile.
- Organizational structure.
- Relevant project experience.
- Methodology.
- Equipment details.
- Calibration certificates.
- Personnel CVs.

5.8 SAFETY REQUIREMENTS

The contractor shall comply with:

- Permit-to-Work procedures.
- Electrical Safety Rules.

- Lock-Out/Tag-Out requirements.
- PPE requirements.
- Site-specific safety procedures.
- Emergency response requirements.

No testing shall be undertaken without obtaining necessary permits.

5.9 ACCEPTANCE CRITERIA

No cable feeder shall be energized unless:

- Sheath Integrity Test is successfully completed.
- VLF Withstand Test is successfully completed.
- Tan Delta results are within acceptable limits.
- No critical Partial Discharge activity is detected.
- All identified defects are rectified.
- Final Health Assessment Report is accepted by the BRPL.
- Fitness-for-Energization Certificate is issued by the contractor.

Please refer to the attached “**SOP/Guidelines on Implementation of New Practices in Cable Laying Scheme Works**”, enclosed as **Annexure-E**, for detailed information and further reference.

6. VALUE OF THE CONTRACT:

The total value of this rate Contract shall be worked out as per rate finalized through the tender.

7. Validity:

This Agreement shall become effective for all purposes from the date of issuance and shall remain valid for a period of two years. 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 of this Agreement, 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. If no agreement is reached between the parties before the expiry of this Agreement, the said Agreement shall automatically lapse on the scheduled date.

8. TAX & DUTIES:

Prices are inclusive of all taxes and duties including labourcess except GST extra. However, IT as per applicable rate will be deducted from your bills as Tax Deduction at Source (TDS).

Any other taxes/ duties which may be levied by the Govt./any local bodies during currency of this order, shall be to contractor's account. Income tax will be deducted from your bills as Tax Deduction at Source (TDS). You shall furnish your GST Tax registration number and Income Tax PAN.

1. As Per Notification No. 39/2021 – Central Tax dated 21st December, 2021 w.e.f 01/01/2022 registered person (ie, Recipient/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. "

9. Payment Terms:

Monthly payment shall be made within 30 days of submission of bills duly certified by Engineer-In-charge

11. LIQUIDATED DAMAGES:

(i) 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.

(ii) If the Contractor to 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 1.0% 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 10% of billed amount of final work executed. Once the maximum is reached to Company may consider termination of contract without any liabilities to Company.

Incase the contractor has not mobilized / taking up the job as per the direction of Engineer In-charge, 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.

Note: TIMELINE - MAXIMUM 1 WEEK FOR 2 SITES

12. 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.bsedelhi.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 hereby 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.

13. 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 must ensure that all safety wears required during the execution of work such as safety shoes, safety helmets, hand gloves, safety belt, goggles etc are used by his employee/representative while executing COMPANY's work.

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 casualties, extent of property 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.

14. ID CARD:

No contractor will issue any ID cards to their staff on their own. All ID Cards for the workforce will be issued by BRPL Security ID Card Cell only.

Contractors should maintain the records of Identity Cards of their employees and whenever any employee quits / is removed then his/her Identity card should be collected & submitted to BRPL Security ID Card Cell.

Penalty will be imposed on the vendor in case of violation of the above rule.

Contractors shall submit the detail list of the employees that they are going to be hire to BRPL Security before start of the contract.

15. 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. Broadly, the compliance shall be as detailed in ANNEXURE I enclosed. Before commencing the work it would be mandatory for the Contractor to furnish the company the permanent PF code no and ESI of the employees.

16. THIRD PARTY INSURANCE

Before commencing the execution of the work the contractor shall take third party insurance policy at his own cost 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 contractors own cost.

16.1 TERM INSURANCE COVER 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.

16.2 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.

17. 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.

18. SUBLETTING:

Contractor without the consent shall not be un-reasonably withheld, assigns or sublet contract or any substantial part thereof. 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.

19. 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.

20. EVENTS OF DEFAULTS:

COMPANY may, without prejudice to any of its other rights or remedies under the Work Order or in law, terminate the whole or any part of this Work Order by giving written notice to the Contractor, if in the opinion of COMPANY, contractor has neglected to proceed with the works with due diligence or commits a breach of any of the provisions of this work order including but not limited to any of the following cases:

- a) Failing to complete execution of work within the terms specified in this work order.
- b) Failing to complete works in accordance with the approved schedule of works.
- c) Failing to meet requirements of specifications, drawings, and designs as approved by COMPANY.
- d) Failing to comply with any reasonable instructions or orders issued by COMPANY in connection with the works.
- e) Failing to comply with any of the terms or conditions of this work order.

In the event COMPANY terminates this work order, in whole or in part, on the occurrence of any event of default, COMPANY reserves the right to engage any other subcontractor or agency to

complete the work or any part thereof, and in addition to any other right COMPANY may have under this work order or in law including without limitation the right to penalize for delay under clause 15.0 of this work order, the contractor shall be liable to COMPANY for any additional costs that may be incurred by COMPANY for the execution of the Work.

21. RISK & COST:

The Company at his option will be entitled to terminate the contract and to carry out work from else where at the risk and cost of the Contractor either the whole or any part which the Contractor has failed to perform, the best and the nearest available substitute there from the Contractor shall be liable for any loss which the Company may sustain by reason of such risk purchases.

22. 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.

23. 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. This 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. TERMINATION:

During the course of the execution, if at any time the COMPANY observe and forms an opinion that the work under the order is not being performed satisfactory and the performance of the CONTRACTOR not found satisfactory, the COMPANY reserves its right to cancel/ terminate this Agreement giving 30 days notice without assigning any reason and the COMPANY will recover all damages including losses occurred due to loss of time from the CONTRACTOR. On receipt of such notice the CONTRACTOR shall immediately stop all activities related to the work terminated. This is without prejudice to other rights under the terms of contract. The CONTRACTOR shall hand over the COMPANY all drawing/documents prepared for this contract up to the date of cancellation of order.

25. CLEANLINESS & PRECAUTIONS TO BE TAKEN WHILE DOING WORK AT SITE TO PREVENT DUST POLLUTION:

All debris shall be removed and disposed of at assigned areas on daily basis. Surplus excavated earth shall be disposed of in an approved manner. In short, the contractor shall be fully responsible for keeping the work site clean at all times. In case of non-compliance, company shall get the same done at Contractor's risk and costs.

While carrying out any civil work including road/ pit digging, plinth/ fence making, road restoration etc contractor shall adhere to below mentioned guidelines.

1. No construction material/ debris shall be stored on metalled road.
2. Wind breakers of appropriate height on all sides of ear marked area using CGI sheets shall be raised to ensure that no construction material dust fly outside ear marked area.
3. The construction material i.e. coarse sand, stone aggregates, excavated earth, cement and any other material to and from the site shall be transported under wet and covered condition to ensure their non-slippage en-route to avoid air contamination.
4. The contractor shall provide mask and helmet to every worker working on the construction site and involved in loading/unloading and carriage of construction material and construction debris to prevent inhalation of dust particles.
5. Over loading of vehicles shall be strictly prohibited
6. The construction material at site shall be stored under wet and covered condition.
7. The dumping sites for temporarily storing the excavated earth shall be properly leveled, watered and rehabilitated by plantation to avoid flying of dust.
8. The worker at the site shall be sensitized to adopt / observe the dust controlled measures in true spirit.
9. If any C&D waste is generated at site the same will be transported to the C&D waste site only and the record for the same will be maintained by the agency.
10. Wet jet in grinding and stone cutting is being permitted at site.
11. The necessary record for dust control is being maintained by the department on day to day basis and being monitored regularly.

The Execution vendors shall be responsible for all the preventive and protective environmental steps as per guidelines. Any violations from the above guidelines have been viewed very seriously by the authorities. Concerned agency is liable for the penalties / other action by the authorities, The Agency shall indemnify BRPL from all liabilities on this account.

26. GUIDELINES REGARDING INSPECTION & MAINTENANCE OF PITS/ DUG AREA WHILE DOING WORK AT SITE IN BRPL AREA

The contractor shall ensure strict compliance of the following directions:

- a) The sites of all manholes, pits, holes, tanks or any other opening in the ground of any kinds shall be regularly inspected and maintained.
- b) Schedule and protocols of inspections and maintenance shall be drawn up and notified to BRPL.
- c) These sites shall be cordoned off to render them inaccessible to the public.
- d) The existence of these sites shall be clearly & visibly marked by the display of signboards/signages.
- e) If they are required to be covered, it shall be ensured that the covers are in place.

The Execution vendors shall be responsible for all the preventive and protective environmental steps as per guidelines. Any violations from the above guidelines have been viewed very seriously by the authorities. Concerned agency is liable for the penalties / other action by the authorities, The Agency shall indemnify BRPL from all liabilities on this account.

27. VENDOR CODE OF CONDUCT:

Contractor confirms to have gone through the Policy of BRPL on legal and ethical code required to be followed by contractors 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 hereby 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/Vendor or its officers, agents & representatives etc.

28. Termination by Employer for Convenience

The Employer shall, in addition to any other right enabling it to terminate the Contract, have the right to terminate the Contract at any time by giving a written notice to the Contractor. The Contract shall stand terminated on receipt of such notice but such termination shall be without prejudice to the rights of the Parties accrued on and before the date of termination.

29. Measures related to the Tree Pruning, excavation near tree and construction & demolition:

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:

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

- 1) No excavation work shall be done within two (2) meters of the Tree Trunk.
- 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 beyond the **prescribed distance of 2 meters but within 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) No concrete or construction or repairing work shall be done at least within two (2) meter radius of the trunk of trees.
- 8) 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.

30. 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 relating 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”**.

31. CLEANLINESS:

All debris shall be removed and disposed of at assigned areas on daily basis. Surplus excavated earth shall be disposed of in an approved manner. In short, you shall be fully responsible for keeping the work site clean at all times. In case of non- compliance, company shall get the same done at Bidder's risk and costs.

32. HUMAN RESOURCE ISSUES:

1. The CONTRACTOR would execute these works through their own resources.
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.
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.
4. The CONTRACTOR to deploy their manpower immediately for carrying out the work as specified above.
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.
6. The CONTRACTOR shall not deploy the manpower below the age of 18 years.
7. The CONTRACTOR shall not deploy the female manpower between 7 PM to 6 AM.
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.

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.

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 at 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.

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.

12. Deduct and deposited ESI and PF contribution. Copies of the same shall be submitted.

13. The COMPANY reserves the right to demand the CONTRACTOR's services on holidays as well as beyond the normal working hours.

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.

15. The CONTRACTOR shall be liable for payment of all taxes and duties as applicable, to the State/ Central Govt. or any local authority.

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.

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):

1. The Child Labour (Prohibition and Regulation) Act, 1986.
2. The Contract Labour (Regulation and Abolition) Act, 1970.
3. The Employee's Pension Scheme, 1995.
4. The Employee's Provident Funds and miscellaneous provisions Act, 1952.
5. The Employees State Insurance Act, 1948.
6. The Industrial Disputes Act, 1947.
7. The Maternity Benefit Act 1961.
8. The Minimum Wages Act, 1948.
9. The Payment of Bonus Act, 1965.

10. The Payment of Gratuity Act, 1972.
11. The payment of Wages Act, 1936.
12. The Delhi Shops & Establishment Act, 1954.
13. The Workmen's Compensation Act. 1923.
14. The Employer's Liability Act, 1938

33. ACCEPTANCE:

Acceptance of this CONTRACT implies and includes acceptance of all terms and conditions enumerated in this CONTRACT in the technical specification and drawings made available to you consisting of general conditions, 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 CONTRACT. No amendments to the concluded CONTRACT shall be binding unless agreed to in writing for such amendment by both the parties.

However, during the course of the execution of the CONTRACT, if at any time the Company's representative observe and form an opinion that the work under the CONTRACT is not being performed in accordance with the terms of this CONTRACT, the company reserves its right to cancel this CONTRACT forthwith without assigning any reason and the Company will recover all damages including losses occurred due to loss of time from the Contractor.

Price Format

SN.	Description	Unit	Quantity	Rate	Amount
1	Sheath Test (refer Fig 12 from the attached SOP as Annexure-B)	Nos	262		
2	VLF high voltage test as per IEEE 400.2 (instead of DC high voltage test) o VLF = 0.1 Hz Sinusoidal	Nos	262		
3	VLF tan delta as per IEEE 400.2 o VLF = 0.1 Hz Sinusoidal o Measure and record: Mean TD at U ₀ , Tip up (TU) (difference in mean TD) between 0.5 U ₀ and 1.5 U ₀ , TD time stability(SDev) measured by standard deviation at U ₀ o Refer sample report and diagrams (refer Fig 13, Fig 16 from the attached SOP as Annexure-B)	Nos	262		
4	VLF partial discharge as per IEEE 400.2 o VLF = 0.1 Hz Sinusoidal o Measure and record: PD calibration, PD mapping, PD summary parameters such as PDIV, PDEV, PD max & PD level at 1U ₀ , 1.7U ₀ & 2U ₀ and operating mode / frequency, General and localized Phase Resolved PD pattern (PRPD) o Refer sample report and diagrams (refer Fig 14, Fig 17, Fig 18, Fig 19 from the attached SOP as Annexure-B)	Nos	262		
Total Amount (Excluding GST)					
GST					
Grand Total Amount (Incld GST)					

TERMS & CONDITIONS FOR REVERSE AUCTION

In a bid to make our entire procurement process more fair and transparent, BRPL intends to use the reverse auctions 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.

Reverse auction shall be governed by following terms and conditions:

1. BRPL shall provide the user id and password to the authorized representative of the bidder. (Duly signed Authorization Letter in lieu of the same shall be submitted along with the bid).
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 bidder.
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. 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 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.
7. The bidder shall be prepared with competitive price quotes on the day of the bidding event.
8. 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/ store.
9. The prices submitted by a bidder during the auction event shall be binding on the bidder.
10. No requests for time extension of the auction event shall be considered by BRPL.
11. The discount received after the RA and final negotiation, w.r.t. the initial financial bid shall be applied on all the items on a pro rata basis.
12. In case RA is not conducted/ concluded for any reasons, a "final no regret" financial bid in a sealed envelope will be called for all qualified bidders.