

ASSAM ELECTRICITY GRID CORPORATION LIMITED

Regd. Office: 1st Floor, Bijulee Bhawan, Paltan Bazar, Guwahati – 781001 CIN:
U40101AS2003SGC007238

Ph:- 0361-2739520/Fax:-0361-2739513 Web: www.aegcl.co.in



BID IDENTIFICATION NO:

AEGCL/DGM/UATTC/JRT/T-31/2025/560; Dated: 07/08/2025

BIDDING DOCUMENT

For

**Raising of coping to prevent corrosion of tower legs at different
tower location of 132kV LTPS-NTPS DC Feeder, AEGCL.**

**DEPUTY GENERAL MANAGER
UA T&T CIRCLE, AEGCL
GARMUR, JORHAT-07**

**BID value : ₹1,000.00
EMD : ₹14,700.00**

SECTION - 1 INSTRUCTION TO BIDDER

1.1.0 INTRODUCTION:-

The **Deputy General Manager, UA T&T Circle, Jorhat, AEGCL** on behalf of **Assam Electricity Grid Corporation Ltd**, hereinafter referred to as AEGCL or Purchaser invites sealed tenders in prescribed form, from reputed firms/ contractors with sound technical and financial capabilities for the following work. A single stage two envelope procedure (**Techno-Commercial and Price Bid**) will be adopted for this tender.

- a) **Name of Work :- Raising of coping to prevent corrosion of tower legs at different tower location of 132kV LTPS-NTPS DC Feeder, AEGCL.**
- b) **Estimated Value for Work :- Rs. 7,33,110.00 (Rupees Seven Lakh Thirty Three Thousand One Hundred and Ten) only including taxes.**
- c) **Fund :- O&M HQ (UAR) for FY 2025-26.**
- d) **Key Dates : Refer to NIT.**
- e) **Bidding address :-**
O/o The Deputy General Manager
UA T&T Circle, Jorhat, AEGCL,
Garmur, Jorhat-07
- f) Interested contractors may obtain further information from

**O/o The Deputy General Manager,
UA T&T Circle, Jorhat, AEGCL,
Garmur, Jorhat - 07, Assam.**
- g) e-mail: [\[dgmmtc.jorhat@aegcl.co.in\]](mailto:dgmmtc.jorhat@aegcl.co.in)
- h) **Cost of Bidding :-** The bidder shall bear all costs associated with the preparation and submission of its bid and AEGCL will in no case be responsible or liable for those costs.

Tender Paper Cost and Mode of Payment:

The cost of the tender paper is Rs. 1000/- (Rupees One Thousand) only to be pledged in favour of "The MD AEGCL, Guwahati"(in the form of A/C payee DD/Bankers Cheque)

1.2.0 SCOPE OF WORK :-

1.2.1 The major scopes of work are as follows:-

- a. **PCC works upto 1.2 mtr from ground level** for raising of coping tower legs to prevent rusting at Tower loc. No. 09(4 legs), 24(4 legs), 29(4 legs), 38(4 legs), 39(4 legs), 43(4 legs), 50(4 legs), 52(4 legs), 70(4 legs), 72(4 legs), 78(4 legs), 83(4 legs), 94(4 legs), 96(4 legs), 99(4 legs), 100(4 legs), 107(4 legs), 111(4 legs), 130(4 legs), 131(4 legs) of 132kV NTPS-LTPS DC Feeder.
- b. Transportation, head loading, storage at site and site insurance of all material at the site shall be in the scope of the contractor.
- c. All works and labour as per Bill of Quantity and bid specification is under the scope of the bidder.
- d. The Bill of Quantities for indicative purposes is furnished in Price Schedules.

1.3.0 TIME SCHEDULE:

The successful bidder shall have to complete the works within **75 Days** from the date of site handover. Bidders should note that time is the essence of this bid.

1.4.0 ELIGIBILITY CRITERIA

1.4.1 To be qualified for the bid the bidder must compulsorily meet the following minimum criteria; Bidder must establish the experience as single contractor :-

- i) The contractor must have experience having completed similar nature of works previously in AEGCL or any

other govt. organization/PSU during the last 7 years ending last day of the month previous to the one in which applications are invited should be either of the following:

- a) **Three completed similar works** costing not less than an amount equal to **40% of Tender Value, i.e. Rs.2,94,000.00**
- b) **Two completed similar works** costing not less than an amount equal to **50% of Tender Value, i.e. Rs.3,67,000.00**
- c) **One completed similar works** costing not less than an amount equal to **80% of the Tender Value, i.e. Rs.5,87,000.00**

Note: The nature of works should be clearly defined. The bidder must submit experience and completion/performance certificate for scrutiny by AEGCL. In addition to above, the criteria regarding satisfactory performance of works, personnel, establishment, plant, equipment, etc. may be incorporated according to the requirement of the Project.

- ii) Bidder must have valid electrical license and experience of working on 132kV and above Transmission line and towers.
- iii) **JV is not allowed for this bid.**
- iv) Must compulsorily meet each of the following minimum criteria.

I. PERSONNEL CAPABILITY

The Bidder must have suitably qualified personnel to fill positions required for contract implementations.

II. FINANCIAL CAPABILITY

- a) The Bidder should demonstrate that he has access to, or has available, liquid assets, unencumbered real assets, line of credit and other financial means (including a Guarantee or an undertaking from a Bank or financier) sufficient to meet the cash flow during the construction period and in no case should be less than 30% of the total work value.
- b) The Contractor must furnish their **Bank Solvency Certificate indicating the amount not less than the tender value by concerned authority in necessary format as per their banks.**
- c) Average Annual Turnover: Minimum average annual turnover must be 30% of the work value (i.e. **Rs.2,20,000.00**) calculated as total certified payments received for contracts in progress or completed, within the last 3 (Three) Years.
- d) Financial Resources: Bidder need to demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet:
 - i. the cash-flow requirement of at least 70% of the work value and
 - ii. the overall cash flow requirements for this contract and its current works commitment.
- e) Bidder shall submit the complete annual reports together with Audited statement of accounts of the company for last 3 (three) years. The Bidder shall submit the audited balance sheet and income statement for the last three years and must demonstrate the soundness of their financial position showing long term profitability. Wherever necessary the Employer may make enquiries with Bidder's bankers.
- f) Bidder must keep GST liabilities up to date and must submit the up-to-date GST return acknowledgement.

III. LITIGATION HISTORY

Bidders shall submit details of all litigation, arbitration or other claims, whether pending, threatened or resolved in the last five years, with the exception of immaterial claims with a cumulative impact of not more than 10% of their total assets. The Employer may disqualify bidders in the event that the total amount of pending or threatened litigation or other claims represent more than 50% of their total assets.

1.4.2 The Bidder's offer shall include and substantiate data on qualifying requirements such as:

- a) Copies of original documents defining the constitution or legal status, place of registration, and principal place of business, written power of attorney of the signatory of the Bid to commit the Bidder.
- b) Copies of relevant Electrical Licence (valid) issued by competent authority in the State of Assam or in the State where the bidder's business is registered.
- c) Copies of Labour Licence (valid) issued by competent authority in the State of Assam or in the State where

the bidder's business is registered.

- d) Copies of PAN, GST Registration Certificate along with GST return acknowledgement as per Goods & Services Tax laws.
- e) Experience in works of a similar nature and volume (as mentioned above in clause no 1.4.1 (i), and details of works under way or contractually committed in AEGCL.
- f) Reports on the financial standing of the Bidder, such as profit and loss statements and audited annual accounts certified by CA of the company for the last three years including IT return duly acknowledged by the tax department for the last three years.

1.4.3 Sub-contractor's experience and resources shall not be taken into account in determining the bidder's compliance with the qualifying criteria.

- a) Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements.

1.4.4 Notwithstanding anything stated herein above, AEGCL reserves the right to assess the capacity and capability of the bidder to execute the work, should the circumstance warrant such assessment in the overall interest of AEGCL.

1.5.0 SITE VISIT:-

The interested contractors are advised to visit and examine the sites of works and its surroundings, nature off work, site conditions, area for storage of materials, establishment of labour camp, means of access to the site etc. and obtain for themselves on their own responsibility all information that may be necessary for preparing the bid. The costs of visiting the Site shall be at the bidder's own expense. Non-familiarity with the site conditions will not be considered a reason either for extra claims or for not carrying out the work in strict conformity with the specifications and requirement.

1.6.0 QUERY ON THE BIDDING DOCUMENT:

Prospective bidders may submit queries, if felt necessary, requesting clarification of any bid clause. Such queries must be submitted to the office latest by the Tender clarification/ submission end date and time mentioned in the NIT. Purchaser shall clarify to the extent felt necessary or issue a corrigendum for any amendment required in the bidding document. Such corrigendum/clarification shall be made available on the official website of AEGCL, www.aegcl.co.in.

1.7.0 CLARIFICATION OF BIDS

1.7.1 To assist in the examination, evaluation, and comparison of the Technical and Price Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for a clarification of its bid. Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the substance of the Technical Bid or prices in the Price Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the bids. If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.

1.7.2 No bidder shall contact AEGCL on any matter relating to its bid from the time of opening Bids to the time the contract is awarded. If the bidder wishes to bring additional information to the notice of AEGCL, it should do so in writing.

1.7.3 Any effort by the bidder to influence AEGCL in AEGCL's evaluation of price proposals, bid comparison or contract award decisions may result in the rejection of the bidder's bid.

1.7.4 Verbal clarification and information given by AEGCL or its employee(s) or representative (s) shall not in any way be binding on AEGCL

1.7.0 AMENDMENT OF BIDDING DOCUMENTS

1.7.1 At any time prior to the deadline for submission of bids, the AEGCL may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the bidding documents by issuing addenda.

1.7.2 Any addendum thus issued shall be part of the bidding documents pursuant to Sub-Clause, and shall be communicated in writing or by fax to all purchasers of the bidding documents. Prospective bidders shall acknowledge receipt of each addendum by fax to AEGCL.

1.8.0 LANGUAGE OF BID

1.8.1 The bid, and all correspondence and documents related to the bid, exchanged between the bidder and

AEGCL shall be written in the English language. Supporting documents and printed literature furnished by the bidder shall also be in English language.

1.9.0 DOCUMENTS COMPRISING THE BID

- 1.9.1 The bid submitted by the bidder shall comprise two envelopes submitted simultaneously, one containing only the technical proposal and the other the price proposal.
- 1.9.2 The Bid submitted by bidders shall contain the following:
- a) Bid Submission Sheet
 - b) Duly signed bid document
 - c) Documentary evidence to establish that the Bidder meet the qualifying requirements in accordance with Clause 1.4.0.
 - d) Documents to be furnished as per Clause 1.4.2.
 - e) The Bid Guarantee (Bid Security) in accordance with Clause 1.18.0 & its sub clauses of this Section.
 - f) All Bidding Schedules properly filled up including Price Bid Schedules.
 - g) All other information and documents, as required in the Technical Specification

1.10.0 BIDDING PROCEDURE

Two envelope bidding procedure will be adopted. Bidders are to submit two sealed envelopes simultaneously, one containing the technical & Commercial proposal, Part-I (Technical & Commercial Bid) and the other containing the price proposal Part-II (Price Bid), enclosed together in one sealed envelope. Initially, only the Part-I bids shall be opened. Part-I proposals submitted by bidders, which do not conform to the specified requirement, may be rejected as deficient bids. The Part-II (Price Bid) proposals of technically qualified bidders will be opened at a date and time, which will be informed to all the qualified bidders of Part-I.

1.11.0 DEADLINE FOR SUBMISSION OF BIDS

- 1.11.1 Bids must be received by AEGCL at the address specified above no later than as stated in NIT.
- 1.11.2 AEGCL may, at its discretion, extend the deadline for submission of bids by issuing an addendum in accordance with Clause 1.7.0, in which case all rights and obligations of AEGCL and the bidders previously subject to the original deadline will thereafter be subject to the deadlines extended.

1.12.0 LATE BIDS

- 1.12.1 Any bid received by AEGCL after the deadline for submission of bids prescribed in the NIT will be rejected and returned unopened to the bidder.

1.13.0 WITHDRAWAL OF BIDS

- 1.13.1 The bidder may withdraw its bid after bid submission, provided that written notice of the withdrawal is received by AEGCL prior to the deadline for submission of bids.
- 1.13.2 Withdrawal of a bid during the interval between the deadline for submission of bids and the expiration of the period of bid validity specified in Sub-Clause 1.18.0 may result in the forfeiture of the bid security pursuant to Sub-Clause 1.19.6.

1.14.0 BID FORM AND PRICE SCHEDULES

- 1.14.1 The Bidder shall complete the Bid Form and the appropriate Price Schedules furnished in the bidding documents in the manner and detail indicated therein, following the requirements of Clause 1.13.0.

1.15.0 BID PRICES

- 1.15.1 Bidders shall give a breakdown of the prices in the manner and detail called for in the **Schedules of Prices**.

1.16.0 PRICE BASIS

- 1.16.1 Prices quoted by the Bidder shall be inclusive of all scope of work as specified in this bidding document including any related services that is implicit to carry out the work successfully. Price will be firm and no price variation will be allowed within the completion period given in the work order. Duties and Taxes shall be adjusted, except there is variation due to changes in legislation of the Country.

1.17.0 BID VALIDITY

- 1.17.1 Bids shall remain valid for a period of **180 (One Eighty)** days after the date of opening of Technical Bids.
- 1.17.2 In exceptional circumstances, prior to expiry of the original bid validity period, AEGCL may request that the bidders extend the period of validity for a specified additional period. The request and the responses thereto

shall be made in writing. A bidder may refuse the request without forfeiting its bid security. A bidder agreeing to the request will not be required or permitted to modify its bid, but will be required to extend the validity of its bid security for the period of the extension, and in compliance with Clause 1.17.0 in all respects.

1.18.0 BID SECURITY/ EARNEST MONEY DEPOSIT

- 1.18.1 For participation in the The Bidder shall furnish, as part of its bid with the Technical Proposal, a bid security in the amount of **Rs.14,700.00 (Rupees Fourteen Thousand and Seven Hundred) only.**
- 1.18.2 **Bidding procedure, participants must compulsorily pay the Bid Security / Earnest Money Deposit in the form of DD/Fixed Deposit/bank Guarantee/Banker's Cheque in favour of 'The MD, AEGCL, Guwahati'.**
- 1.18.3 Any bid not complying with Sub-Clause no. 1.18.1 and Sub-Clause no.1.18.2 shall be rejected as non-responsive.
- 1.18.4 The bid securities of unsuccessful bidders will be returned as promptly as possible, against written request from the unsuccessful bidders.
- 1.18.5 The bid security of the successful bidder will be returned when the bidder has signed the Contract Agreement and furnished the required performance security.
- 1.18.6 The bid security may be forfeited
- (a) if the bidder withdraws its bid,
 - (b) if the bidder does not accept the correction of its bid price, or
 - (c) in the case of a successful bidder, if it fails within the specified time limit to
 - (d) accept the work order or LOA, furnish the required performance security.
- 1.18.7 No interest shall be payable by AEGCL on the above bid guarantee.

1.19.0 ALTERNATIVE PROPOSALS BY BIDDERS

- 1.19.1 Bidders shall submit offers, which comply with the Bidding Documents, including the basic AEGCL's Requirements as indicated in the bidding documents. Alternatives will not be considered. The attention of bidders is drawn to the provisions of Clause 1.22.0 regarding the rejection of bids which are not substantially responsive to the requirements of the bidding documents.

1.20.0 PROCESS TO BE CONFIDENTIAL

- 1.20.1 Information relating to the examination, clarification, evaluation and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process. Any effort by a bidder to influence AEGCL's processing of bids or award decisions may result in the rejection of the bidder's bid.

1.21.0 PRELIMINARY EXAMINATION OF BIDS AND DETERMINATION OF RESPONSIVENESS

- 1.22.1 Prior to the detailed evaluation of bids, AEGCL will examine the bids to determine whether they are complete and all documents as per Clause 1.9.0 and Clause 1.9.0 are provided or not, whether the documents have been properly signed, whether the required bid security is included, and whether the bids are generally in order and provides any clarifications and/or substantiation that AEGCL may require.
- 1.22.2 A substantially responsive bid is one which conforms to all the terms, conditions and requirements of the bidding documents deviation or reservation and includes the amendments and changes, if any. AEGCL may waive any minor non-conformity or irregularity in a Bid which does not constitute a material deviation or reservation, provided such deviation or reservation does not
- (i) affect in any substantial way the scope, quality or performance of the Works; (ii) limit in any substantial way, inconsistent with the bidding document, AEGCL's rights or bidder's obligations under the contract; or
 - (iii) whose rectification would affect unfairly the competitive position of other bidder's presenting substantially responsive bids.
- 1.22.3 Any bids found to be non-responsive for any reason or not meeting the minimum levels of the performance or other criteria specified in the bidding documents will be rejected by AEGCL and not included for further consideration.

1.23.0 CORRECTION OF ERRORS

- 1.23.1 Price Proposals determined to be substantially responsive will be checked by AEGCL for any arithmetic errors. Arithmetic errors will be rectified on the following basis. If there is a discrepancy between the unit rate and the total cost that is obtained by multiplying the unit rate and quantity, the unit rate shall prevail and the total cost will be corrected unless in the opinion of AEGCL there is an obvious misplacement of the decimal point in the unit rate, in which case the total cost as quoted will govern and the unit rate corrected. If there is a discrepancy between the total bid amount and the sum of total costs, the sum of the total costs shall prevail

and the total bid amount will be corrected.

- 1.23.2 The amount stated in the Form of Bid for Price Proposal will be adjusted by AEGCL in accordance with the above procedure for the correction of errors and, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount of bid, its bid will be rejected, and the bid security may be forfeited in accordance with Sub-Clause 1.17.6(b)

1.24.0 EVALUATION AND COMPARISON OF BID PROPOSALS

- 1.24.1 AEGCL will evaluate and compare only the bids determined to be substantially responsive in accordance with Clause 1.22.0.

- 1.24.2 For equipment and materials, the comparison shall be of the ex-factory price of equipments and materials offered (such price to include all costs as well as duties and taxes paid or payable on components and raw material incorporated); plus the cost of transportation, local taxes and duties, civil works, installation and other services required under the contract with due corrections as per Clause 1.23.0. AEGCL's comparison will also include the costs if any, resulting from application of the evaluation procedures described in Sub-Clause 1.24.4

- 1.24.3 AEGCL will carry out a detailed evaluation of the bids in order to determine whether the bidders are qualified and whether the technical aspects are substantially responsive to the requirements set forth in the bidding documents. In order to reach such a determination, AEGCL will examine the information supplied by the Bidders and other requirements in the bidding documents, taking into account the following factors:

(a) Qualification

- (i) the determination will take into account the Bidder's financial and technical capabilities and past performance; it will be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, pursuant to Clause 1.9.0 as well as such other information as AEGCL deems necessary and appropriate; and

(b) an affirmative determination will be a prerequisite for AEGCL to continue with the evaluation of the proposal; a negative determination will result in rejection of the Bidder's bid. Technical

- (i) overall completeness and compliance with AEGCL's Requirements; the technical merits of materials and equipments offered and deviations from AEGCL's Requirements; suitability of the facilities offered in relation to the environmental and climatic conditions prevailing at the site; quality, function and operation of any process control concept included in the bid;

(c) Commercial

- (i) Deviations and omissions from the contractual and commercial conditions as identified in the Bid.
- (ii) compliance with the time schedule called for in the Bidding Document and evidenced as needed in a milestone schedule provided in the bid; and
- (iii) the functional guarantees of the facilities offered against the specified performance criteria of the plant and equipment.

- 1.24.4 Pursuant to Sub-Clause 1.24.3, the following evaluation methods will be followed:

(a) Time Schedule:

Bidders submitting bids that deviate from the time schedule specified will be rejected.

(b) Deviations from the Bidding Document:

Bidders shall base their Bid price on the terms & conditions specified in the Bidding Documents. Bids with material deviations and omissions shall be rejected.

(c) Functional Guarantee of the facilities:

Bidders shall state the functional guarantees (e.g. guaranteed performance or ratings or efficiency) of the proposed Goods in response to AEGCL's Requirements (Technical Specifications). Goods, Plant and equipment offered shall have a minimum performance (functional guarantees/ratings) specified in the Technical Specifications to be considered responsive. Bids offering Goods, plant and equipment with functional guarantees less than the minimum specified shall be rejected.

- 1.24.5 The following methodology will be practiced for identification and treatment of the Abnormally Low Bids (ALB) in this tender process of AEGCL:

(a) Identification:

For the identification of the Abnormally Low Bids, two approaches as applicable shall be adopted:

- (i) **Absolute Approach** when there is fewer than five substantially responsive bidders and if the bid price is 20% or more below AEGCL's cost estimate then AEGCL's tender evaluation committee should clarify the Bid price with the bidder to determine whether the Bid is abnormally low.
- (ii) **Relative Approach** is a statistical comparison method which will be applied when there are more than five nos. of substantially responsive bids. A potential ALB is identified where the low Bid is more than one standard deviation below the average of substantially responsive bids received.

In this approach first the Average bid price is determined and then by deducting the standard deviation from the average bid price, potentially ALB may be determined.

(b) In case of ALB, the tender evaluation committee of the respective tenders shall undertake the following three stage review which are as follows:

- i) Identify ALB as per the step mentioned in Clause No.(a).(i) and 10.b).(ii) whichever is applicable.
 - ii) Clarify and analyse the bidders resource inputs and pricing, including overheads, contingencies and profit margins. In that respect committee may seek the reference of the guidelines of World Bank, AIIB, ADB etc.
 - iii) Decide whether to accept or reject the tender.
- (c) Additional Performance Security in case of acceptance of ALB:
- i) If any abnormally low bid is accepted under point no. (b) (iii), after taking of additional performance security as per the assessment of the committee, however the total performance security should not have to exceed 20% of the total W.O/LOI value.
 - ii) The additional performance security shall be treated as part of the original performance security and shall be valid for a period coextensive with the applicable defect liability p Non submission of the additional performance security shall constitute sufficient ground to rejection of the bid and similar assessment shall be initiated for the next ranked bidder identified as ALB.
- 1.24.6 AEGCL reserves the right to accept or reject any variation or deviation. Variations, deviations, and other factors which are in excess of the requirements of the bidding documents or otherwise result in the accrual of unsolicited benefits to AEGCL shall not be taken into account in bid evaluation.

1.25.0 AWARD CRITERIA

- 1.25.1 Subject to Clause 1.26.0, AEGCL will award the LOI/ work order to the bidder whose bid has been determined to be substantially responsive to the bidding documents provided that such bidder has been determined to be qualified.

1.26.0 EMPLOYER'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS

- 1.26.1 AEGCL 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 AEGCL's action. AEGCL is not bound to accept the offer of the lowest bidder.

1.27.0 NOTIFICATION OF AWARD

- 1.27.1 Prior to expiration of the period of bid validity prescribed by AEGCL, AEGCL will notify the successful bidder by mail, confirmed by letter, that its bid has been accepted. This letter (called the "Letter of Acceptance") shall name the sum (W.O/LOI value) which AEGCL will pay the Contractor in consideration of the execution, completion and maintenance of the Works by the Contractor as laid out in the bid.
- 1.27.2 The notification of award will constitute the formalization of the contract.

1.28.0 PERFORMANCE SECURITY

- 1.28.1 Within **15 (fifteen) days** of receipt of the notification of award from AEGCL, the successful bidder shall furnish to AEGCL a performance security in an amount of 10 (ten) percent of the W.O/LOI value in accordance with the Conditions of Contract. The form of performance security provided in **Section 4** of the bidding documents may be used or some other form acceptable to AEGCL. The above performance security may be withdrawn on submission of performance security as per clause No 2.6.0
- 1.28.2 In case the bidder fails to submit the Performance Security in the form of Bank Guarantee, an amount equivalent to 10% of the W.O/LOI value shall be retained as Security Deposits which shall be retained up to 90 (ninety) days after the end of Warranty Period.

1.29.0 CORRUPT OR FRAUDULENT PRACTICES

- 1.29.1 It is required that bidders/suppliers/contractors observe the highest standard of ethics during the procurement and execution of the contracts. In Pursuance of this Clause AEGCL;

defines, for the purposes of this provision, the terms set forth below as follows:

- (i) "corrupt practice" means behavior on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and
- (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition;
 - (a) will reject a proposal for award if it determines that the bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - (b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a contract by AEGCL if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract. eriod of the contract.

SECTION-2

SPECIAL CONDITIONS OF CONTRACT.

2.1.0 INTRODUCTION

2.1.1. This Special Conditions of Contract is supplementary to AEGCL's "General Conditions of Supply and Erection of AEGCL 2009", copies of which will be supplied with this Bidding Document. **However, in case of any contradiction, stipulations made in this Bidding Document, it shall prevail.**

2.2.0 CONTRACTOR TO INFORM HIMSELF FULLY

2.2.1. The contractor should admit that he has examined the general condition of contract, specifications and schedule and has satisfied as to all the conditions and circumstances affecting the W.O/LOI values and fixed his price according to his own views on these matters and acknowledge that no additional allowances except as otherwise provided therein will be levied. The purchaser shall not be responsible for any misunderstanding or incorrect information obtained by the contractor other than information given to the contractor in writing by the purchaser.

2.3.0 EXTENSION OF TIME

2.3.1. If the completion of the work is delayed due to reason beyond the control of the contractor, the contractor should without delay give notice to AEGCL within 7 (seven) days in writing of his claim for an extension of time. The AEGCL may extend the completion date as may be reasonable but without prejudice to other terms and conditions of the contract.

2.4.0 VARIATIONS, ADDITIONS AND OMISSIONS

2.4.1. The contractor shall not modify any of the terms and conditions except as directed in writing by AEGCL.

2.4.2. The AEGCL shall have the right during the contract to amend, alter, omit or otherwise vary any of the items by notice in writings. The contractor shall carry out such variations although the said variations shall not exceed 15% of the W.O/LOI value except with written consent of the purchaser. The amount of such variations shall be determined in accordance with rates specified in the contract and where such rates are not available this will be mutually agreed between the purchaser and the contractor.

2.5.0 PERFORMANCE SECURITY (Contract Performance Guarantee)

2.5.1. As a Contract Performance Security, the successful Bidder, to whom the work is awarded, shall be required to furnish a Performance Guarantee from a Nationalized Bank, in the form attached with the Bidding Document (Section –5) in favour of the AEGCL. The guarantee amount shall be equal to ten percent (10%) of the W.O/LOI value and it shall guarantee the faithful performance of the contract in accordance with the terms and conditions specified in these documents and specifications. The guarantee shall be valid up to 90 (ninety) days after the end of Warranty Period.

2.5.2. In case the bidder fails to submit the Performance Security in the form of Bank Guarantee, an amount equivalent to 10% of the W.O/LOI value shall be retained as Security Deposits which shall be retained up to 90 (ninety) days after the end of Warranty Period

2.5.3. The performance guarantee shall cover additionally the following guarantees to the owner:

- a) The successful Bidder guarantees the successful and satisfactory operation of the equipment furnished and erected under the contract, as per the specifications and documents.
- b) The successful Bidder further guarantees that the equipment/material provided and installed by him shall be free from all defects in design, material and workmanship and shall upon written notice from the Owner fully remedy

2.6.4 The Contract performance Guarantee will be returned to the Contractor without any interest at the end of warranty period and written request from the contractor.

2.6.0 TAKING OVER

2.6.1. When the term of contract shall be fully complied with completing all works as per technical specifications to the satisfaction of the Department for a period as applicable, the Contractor/Firm shall have to submit Performance Certificate to the office of the undersigned after the satisfactory completion of the work through the executing authority for finalization of the work/payment as well as for the final acceptance and taking over the completed work and to issue the necessary certificate thereof.

2.6.2. The date of issue of the 'Taking Over Certificate' by AEGCL or its representative shall be the date of taking over the works.

2.7.0 TERMS OF PAYMENT

2.8.1 No advance/Mobilization advance shall be made in this contract.

2.8.2 No claim for interest shall be entertained by AEGCL. If any, shall be deemed to have been included in his quoted rates, taking into account all liabilities and shall indemnify AEGCL against such liabilities and shall defend all actions arising from.

2.22.0 ELIGIBILITY OF CONTRACTORS EMPLOYEES

2.23.1 The Contractor shall employ in and about the Execution of the works only such persons as are skilled and experienced in their several trades. A list of such persons should be submitted in corresponding Appendix.

2.23.0 ENGINEER AT LIBERTY TO OBJECT

2.24.1 AEGCL's Site in-charge shall have right to remove any person provided by the Contractor who, in the opinion of the Site in-charge, misconducts himself, or is incompetent or negligent in the proper performance of his duties, or whose presence on Site is otherwise considered by the Engineer to be undesirable, and such person shall not be again allowed upon the Works without consent of the Engineer. Any person so removed from the Works shall be replaced immediately without hampering the work

2.24.0 INSURANCE

2.24.1. The Contractor shall arrange for any pay/cost of personnel accident insurance, medical treatment etc. in respect of their employees assigned to the works for all time and shall govern by Law of the land.

2.25.0 DAMAGE TO PERSON AND PROPERTY

2.26.1 The Contractor shall be responsible for all injury to the work or to workmen, to persons, animals or things and for all damages to the structural and/or decorative part of property which may arise from the operations or neglect of contractor or its employees, against whether such injury or damage arise from carelessness, accident or any other cause whatsoever in any way connected with the carrying out of this Contract. The Contractor shall at his cost effect the insurance necessary and indemnify AEGCL entirely from all responsibility in this respect. The scope of insurance is to include loss or damage to the work and workmen due to carelessness, accident including fire, earthquake, floods, all medical expenses, compensation to be borne in the event of accident etc., damage or loss to the Contract itself till this is made over a complete state. Insurance is compulsory and must be affected from the very initial stage and should cover the entire contract period till handing over of complete works. The Contractor shall also be responsible for anything which may be excluded from damage to any property arising out of incidents, negligence or defective carrying out of this Contract.

2.26.2 AEGCL shall be at liberty and is hereby empowered to deduct the amount of any damages, compensations, costs, charges and expenses arising or occurring from or in respect of any such claim or damages from any sums due or to become due to the Contractor.

2.26.0 STATUTORY AND SAFETY REQUIREMENT

2.27.1 Each and every safety measures for MAN and MACHINE will be the sole responsibility of the Contractor without any prejudice. Compensation claim if any will also be the responsibility of the contractor without any prejudice.

2.27.2 During the execution of the work, the contractor shall have to mark the site with banner warning/ indicating precautions.

2.27.3 The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:

- a) Have full regard for the safety of all persons entitled to be upon the Site and keep the Site (So far as the same is under his control) and the Works in an orderly state appropriate to the avoidance of danger to such persons, and
- b) Provided and maintain at his own cost all lights, guards, fencing, warning signs and watching, when and where necessary or required by the Engineer or by any duly constituted authority for the protection of the Works or for the safety and convenience of the public or others, and Take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods

2.27.0 CONTRACTUAL FAILURE, LIQUIDATED DAMAGE AND PENALTY

2.28.1 Liquidity Damages 1.0% (one percent) of the amount of delayed work per week subjected to the maximum 10 % of the W.O/LOI value

2.29.0 QUANTITY VARIATION

2.29.1. "Purchaser" shall have the right to increase/decrease the ordered quantity by 15% within 30 days of the period of completion and the same shall be carried out at the same rates /prices and terms and conditions stipulated in the contract except in regard to completion schedule, which shall be mutually agreed upon in case of enhancement of the ordered quantity.

2.30.0 INSPECTION AND TESTING

2.30.1. The Contractor shall at its own expense and at no cost to the Purchaser carry out all such tests and/or inspections of the Goods

and Related Services as are specified in Sections 3, Purchaser's Requirements.

2.30.2. The inspections and tests shall generally be conducted on the premises of the Contractor/ Manufacturer. The Purchaser or its designated representative shall be entitled to attend the tests and/or inspections provided that the Purchaser bear all of its own costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.

2.30.3. Whenever the Contractor is ready to carry out any such test and/or inspection, the Contractor shall give a reasonable advance notice (not less than 21 days) of such test and/or inspection and of the place and time thereof to the Purchaser. The Contractor shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Purchaser or its designated representative to attend the test and/or inspection.

2.30.4. The Purchaser may reject any Goods or any part thereof that fail to pass any test and/or inspection or do not conform to the specifications. The Contractor shall either rectify or replace such rejected Goods or parts thereof or make alterations necessary to meet the specifications at no cost to the Purchaser, and shall repeat the test and/or inspection, at no cost to the Purchaser, upon giving a notice.

2.30.5. The Contractor agrees that neither the execution of a test and/or inspection of the Goods or any part thereof, nor the attendance by the Purchaser or its representative, nor the issue of any report shall release the Contractor from any warranties or other obligations under the Contract.

2.31.0 TERMINATION OF CONTRACT

2.31.1 If the performance of the contract is not satisfactory and not corrected within 15 days of receiving notice, then employer shall be at liberty to terminate the contract and get the work executed through other means at the risk and cost of the Contractor.

2.32.0 PAYMENT ON TERMINATION

2.32.1 If the performance of the contract is not satisfactory and not corrected within 15 days of receiving notice, then employer shall be at liberty to terminate the contract and get the work executed through other means at the risk and cost of the Contractor.

2.33.0 FORCE MAJEURE CONDITION

2.33.1 Force Majeure condition shall be considered as any circumstances beyond reasonable control of the party claiming relief, including but not limited to strikes, lockout, civil commotion, riot insurrection, hostilities, mobilization, war, fire, flood, earthquake, malicious damage or accidents could entitle contractor to extension time. Any such delay should be intimated within 10 (ten) days from the beginning of such delay to consider/approved, any claim without prior information may not be considered under force Majeure.

2.34.0 SETTLEMENT OF DISPUTE AND ARBITRATION

2.34.1 Any dispute arising out of the contract will be first settled bilaterally between AEGCL and Contractor. In case, dispute cannot be settled bilaterally, it will be referred to arbitration. The contractor shall not stop the work during settlement of any dispute. All disputes shall be subjected to the jurisdiction of District Court of respective District of work.

2.35.0 POLLUTION AND ENVIRONMENT

2.35.1 Each and every measure should be taken to adhere to the standard norms to avert any occasion of Air Pollution, Water Pollution, Soil Pollution and Sound Pollution. In case of any deviation leading to any legal action the Contractor will be solely responsible without any prejudice.

3.0 GENERAL SPECIFICATION OF WORK:

Site preparation:-

- i. All the works related to dismantling, demolishing of existing structure has to be carried out by the contractor at their own costs as per direction of AEGCL. And all the dismantled and demolished unserviceable material has to be disposed off by the contractor outside the AEGCL premises and serviceable materials to be stacked as per the directions of AEGCL officials.
- ii. The Contractor shall clear the site of vegetation by felling of trees, uprooting of stumps etc. to prepare the site for work only as per directions given by the Site Engineer
- iii. The Contractor will have to construct access or any means for transport of material as per site requirements if the site is not easily accessible.
- iv. All water which may accumulate on the site before or during the progress of the works or in trenches and excavations shall be removed and drained out from the site to the satisfaction of the Site Engineer by the Contractor.
- v. Any other work required for adequate preparation of the site for construction deemed necessary shall be carried out by the Contractor.

Shuttering and Shoring:-

- i. Shuttering and shoring works is to be done with timber planks of 25mm thickness wherever necessary including removal of the same for in-situ reinforced/plain cement concrete works.
- ii. When the Shuttering is ready for commencing concreting, the Engineer in Charge shall check the shuttering work for their alignment, strength and general fitness.
- iii. **If the Site Engineer is satisfied with the quality of shuttering then may allow the contractor for pouring concrete.**
- iv. **Poor or old shuttering should not be used. The Site Engineer at his own discretion may reject any shuttering material if found not satisfactory.**

Reinforced Cement Concrete:-

- i. RCC works in footings, Tie- beam, lintel. Roof-beam, Column, Slab, Chajja etc. should be done using M20 grade concrete (prop 1:1.5:3).
- ii. Curing shall be done as per IS 456:2000 under the supervision of the Site in-charge.
- iii. **Cube moulds shall be prepared for concrete strength tests as per relevant IS codes. For Cube testing three nos of cube moulds each should be prepared for testing during the following stages of construction:-**
(a) Footing
(b) Column
(c) Beam/Slab
- iv. **The cube tests should be done to test the strength after 28 days.**
- v. Cube moulds should be prepared for destructive testing randomly as per instructions given by Site Engineer.
- vi. Optimum quantity of water shall be mixed to produce the design mix/nominal mix concrete of required workability.
- vii. Workability shall be such that the concrete surrounds and properly grips all reinforcement.
- viii. The degree of consistency, which shall depend upon nature of work and method of vibration of concrete, shall be determined by regular slump tests to be carried out by the contractor at his cost.
- ix. Usually for mass concrete in RCC works where vibrations are used the slumps shall be within 10mm to 25mm.
- x. The frequency of such tests and the natures of slumps shall be maintained within the limits specified by the Engineer-in-charge.
- xi. The Engineer-in-charge also reserves the right to carry out slump tests independently at his own discretion.
- xii. Cement shall have to be weighed from bulk stocks at site and not by bags. It shall be weighed separately from the aggregates.
- xiii. Water shall either be measured by volume in calibrated buckets or weighed. All necessary equipment shall be maintained in a clean and serviceable condition. Their accuracy shall be periodically checked.
- xiv. Honeycombed RCC structure should be dismantled immediately and reconstructed.
- xv. The mixing shall be done by mechanical means using mixer machine.

Cement:-

- i. The cement to be used shall be the best quality of its type.
- ii. All cement shall be sampled and tested in accordance with Indian Standards.
- iii. Cement shall be Portland Pozzolana Cement as per I.S. 1489 from a reputed brand and has to be approved by Project Engineer.
- iv. Delivery and storage of cement- Cement shall be delivered to the site in bulk or in sound and properly sealed bags and while being loaded or unloaded whether conveyed in vehicles or by mechanical means, and during transit to the concrete mixers, must be protected from the weather by effective coverings. Efficient screens are to be supplied and erected to prevent wastage of cement during strong winds. If the cement is delivered in bulk, the Contractor shall provide at his own cost approved silos of adequate size and number to store sufficient cement to ensure continuity of work. The cement shall be placed in these silos immediately it has been delivered on the site. Suitable precautions shall be taken during unloading to ensure that the resulting dust does not constitute a nuisance.
- v. **The cement must be used within 3 months from the date of manufacture.**

Curing:-

- i. Curing should be done as soon as possible after concrete is placed and when initial set has occurred and before it has hardened. It should be continued for a minimum period of 7 to 12 days when ordinary (Portland) cement is used, 4 to 7 days when rapid hardening cement is used, and should be kept thoroughly wet for 24 hours when high alumina cement is used.
- ii. Vertical surfaces may be covered with hanging curtains. Columns and small members shall be cured by wrapping round them wet sacks or by sprinkling water continuously. On vertical surfaces it should be checked that the wet fabric is in contact with the surface.
- iii. Water should be sprinkled on the underside of beams and slabs for proper curing.

Plastering:-

- i. Surfaces to be rendered must be cleaned and made free from all dust, loose materials, grease, etc, and be well wetted for a few hours (the wall should not be soaked but only damped evenly); but the wall should not be too wet.
- ii. Plaster work on new construction should be deferred as much as possible so as to let shrinkage in reinforced concrete and masonry take place before plastering.
- iii. General proportion for cement plaster should be 1:4.

SECTION – 3

BID SUBMISSION SHEET, BID FORMS AND SCHEDULES

1. Bid Submission Sheet

(To be submitted in Bidder's Letterhead)

Name of contract/W.O

To,

The Deputy General Manager
UATTC, Jorhat, AEGCL
Garmur, Jorhat-07

Ref: Bid identification no.

Sir,

We have examined the General Conditions of Contract, Technical Specification, Schedules, and Addenda Nos. (if any). We have understood and checked these documents and have not found any errors in them. We accordingly offer to execute and complete the said Works and remedy any defects fit for purpose in conformity with these documents and the enclosed Proposal (Price Offer)

We accept your suggestions for the appointment of the Dispute Adjudication Board, as set out in the Bidding Document.

We agree to abide by this Bid until ___ and it shall remain binding upon us and may be accepted at any time before that date.

If our bid is accepted, we will provide the specified performance security, commence the Works as soon as reasonably possible after receiving the notice to commence, and complete the Works in accordance with the above-named documents within the time stated in the Bidding Document.

Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Yours faithfully

Signature _____ in the capacity of _____ duly authorized to sign bids for and on behalf of

Address

2. Form-BG

Form of Bid Security (Bank Guarantee)

WHEREAS, _____ [Name of Bidder] (hereinafter called "the Bidder") has submitted his bid dated _____ [Date] for the construction of _____ [Name of Contract] (hereinafter called "the Bid").

KNOW ALL MEN by these presents that We _____ [Name of Bank] of _____ [Name of Country] having our registered office at _____ (hereinafter called "the Bank") are bound unto _____ [Name of Employer] (hereinafter called "the Employer") in the sum of _____ for which payment will and truly to be made to the said Employer the Bank binds himself, his successors and assigns by these presents. SEALED with the Common Seal of the said Bank this _day of _____ 20_.

THE CONDITIONS of this obligation are:

- (1) If the bidder withdraws his Bid during the period of bid validity specified in the Form of Bid:
Or
- (2) If the Bidder refuses to accept the correction of errors in his Bid;
Or
- (3) if the Bidder, having been notified of the acceptance of his Bid by the Employer during the period of Bid validity;
 - (a) fails or refuses to execute the Form of Contract Agreement in accordance with the Instructions to Bidders, if required; or
 - (b) fails or refuses to furnish the Performance Security, in accordance with the Instructions to Bidders;

we undertake to pay to the Employer up to the above amount upon receipt of its first written demand, without the Employer having to substantiate its demand, provided that in its demand the Employer will note that the amount claimed by it is due to it owing to the occurrence of one or all of the three conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date 180 days after the deadline for submission of bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the Employer, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE _____ SIGNATURE OF THE BANK _____

WITNESS _____ SEAL _____

(Signature, Name, and Address)

Annexure - I PROFILE OF THE BIDDER

| Sl.No. | Particulars | To be filled by Bidder |
|--------|--|--|
| a) | Name of the Bidder | :- |
| b) | Registration with Memorandum of Association | :- |
| c) | PAN | :- |
| d) | GST Registration number | :- |
| e) | Labour Licence registration | :- |
| f) | Electrical Licence registration | |
| g) | Income Tax Clearance Certificate | :- |
| h) | Date of Establishment/ Incorporation | :- |
| i) | Postal Address | :- |
| | House No. | :- |
| | Lane | :- |
| | Street | :- |
| | Town/Village | :- |
| | Post Office | :- |
| | P.S. | :- |
| | District | :- |
| | Pin code | :- |
| j) | Telephone Number | :- |
| | Mobile No. | :- |
| | E-Mail Address | :- |
| | Website | :- |
| k) | Name(s) of the Owners/Directors/Partners | |
| l) | Name of the Banker with Address and Telephone Number | :- |
| m) | Contact Person Details (Furnish here name of that person with whom AEGCL may get in touch for more information or clarifications) | Name:- Designation:- Mobile Number:- Email Address:- |

Note: Bidder may attach additional sheets, if required.

Annexure-I

Price Bid

Name of work: **Raising of coping to prevent corrosion of tower legs at different tower location of 132kV LTPS-NTPS DC Fdr, AEGCL**

| SL no. | Item Description | Unit | Qty. | Rate (Rs.) | Amount (Rs.) |
|--------|---|------|------|------------|--------------|
| | PCC works upto 1.2 mtr from ground level | | | | |
| 1 | Tower loc. No. 09(4 legs), 24(4 legs), 29(4 legs), 38(4 legs), 39(4 legs), 43(4 legs), 50(4 legs), 52(4 legs), 70(4 legs), 72(4 legs), 78(4 legs), 83(4 legs), 94(4 legs), 96(4 legs), 99(4 legs), 100(4 legs), 107(4 legs), 111(4 legs), 130(4 legs), 131(4 legs) of 132kV NTPS-LTPS DC Feeder. Total no. of tower legs = 20x4 =80 nos. | Nos. | 80 | | |
| | Total without GST, Rs. = | | | | |
| | GST, 18%, Rs. = | | | | |
| | Total with GST, Rs. = | | | | |

In Words:

Ruppees.....

Signature of Contractor