

ASSAM ELECTRICITY GRID CORPORATION LIMITED
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NIT No: AEGCL/DGM/BONG/T&TC/T-1/2026/173; Dated:17.09.2026

**Bidding Document
For**

Supply of ACSR Moose conductor at 220kV Salakati GSS.

**DEPUTY GENERAL MANAGER
BONGAIGAON T&T CIRCLE
AEGCL, DHALIGAON**

**Tender Fee: ₹500/-
EMD: ₹16,000/-**

SECTION 1
INSTRUCTION TO BIDDERS

For and on behalf of the **Managing Director, Assam Electricity Grid Corporation Limited (AEGCL), the Deputy General Manager, Bongaigaon T&T Circle, AEGCL, Dhaligaon-783385** invites tender from eligible firms/companies/contractors/manufacturers with sound technical and financial capabilities for the above work. A single stage two envelope procedure (Techno-Commercial and Price Bid) will be adopted for this tender.

1.1.0 INFORMATION TO BIDDER:

- a) NAME OF WORK: **Supply of ACSR Moose conductor at 220kV Salakati GSS.**
- b) TENDER ADDRESS: **O/o the Deputy General Manager, Bongaigaon T&T Circle, AEGCL, Dhaligaon 783385.**
- c) TENDER PAPER FEE: **₹500.00 in favor of the Managing Director, AEGCL payable at Guwahati.**
- d) BID SECURITY: **₹16,000.00 in favor of the DGM, Bongaigaon T&T Circle, AEGCL payable at Bongaigaon.**
- e) TIME OF COMPLETION: **180 days from the date of issue of work order.**

1.2.0 BIDDING PROCEDURE:

- a) All tenders shall have to be submitted in prescribed forms attached herewith eventually to be drawn up in the rules of AEGCL.
- b) Two different envelopes to be used as follows.
Envelope-1: Bid document signed by bidder on all pages, Earnest Money, Techno-commercial data of the Bidder, GTP and other necessary documents must be enclosed.
Envelope-2: Price Bid
- c) All tenders shall have to be submitted under sealed & signed covers super-scribing the Tender Notice No and name of the work completely and clearly on the top of the cover.
- d) All tenders shall have to be submitted on or before the last date and time of submission of tenders either by post or in person.
- e) If Bidders desire to submit their Bid by post, at their own expenses, it should be posted well in advance so as to ensure that their tenders reach the office of the tendering address on or before the specified date and time of submission of tender. AEGCL will not take any responsibility for loss, damage, tempering or delay of tenders sent by post.
- f) Bidder submitting Bid in person should submit their Bid in the tender box during the working hours on the last date and time of submission of tender.
- g) Tender will be rejected if submitted beyond the aforesaid time and date.
- h) Tenders or their authorized representatives may remain present during the opening of the tenders.
- i) Only Price Bid of responsive Techno-Commercial Bidders will be opened.
- j) AEGCL has the right to cancel the tender at any moment, without assigning any reason thereof. Bidder will not be entitled to claim any expenses and AEGCL will not be responsible for any costs or expenses incurred on the preparation and submission of the Bids.
- k) Bidders may obtain further information from the office of the Deputy General Manager, Bongaigaon T&T Circle, AEGCL, Dhaligaon-783385 For the purpose of preparation of their bid.

1.3.0 Key Dates:

Tender Start Date	12.00 Hrs. of	17.09.2026
Submission Start Date	12.00 Hrs. of	18.09.2026
Tender End Date	12.00 Hrs. of	08.10.2026
Tender Opening Date	14.00 Hrs. of	09.10.2026

1.4.0 Validity of Bids

- 1.4.1. Bids shall remain valid for the period of 180 days after the bid submission deadline date prescribed by AEGCL. In exceptional circumstances, prior to the expiration of the bid validity period, AEGCL may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing.

1.5.0 Bid Security:

- 1.5.1. All bids must be accompanied by a bid security amounting to **₹16,000.00 only** in the form of Fixed Deposit/Demand Draft/Banker Cheque from any Nationalized Bank payable at Guwahati in favour of the **DGM, Bongaigaon T&T Circle, AEGCL.**
- 1.5.2. Any bid not complying with the terms and conditions shall be rejected by the employer as non-responsive.
- 1.5.3. The bid security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required performance security.
- 1.5.4. The bid security of unsuccessful Bidders shall be returned as promptly as possible after the successful bidder has been allotted the work.
- 1.5.5. The bid security may be forfeited:
 - a) If a Bidder withdraws its bid during the period of bid validity specified by the Bidder.

- b) If the successful Bidder fails to sign the Contract agreement within 10 (ten) days from issue of the letter of intent/detailed orders and furnishing performance security.

1.6.0 Eligibility Criteria

- 1.6.1. A Bidder may be a private entity or a government-owned entity.
- 1.6.2. No JV (Joint Venture) is allowed for this bid.
- 1.6.3. A Bidder, and all partners constituting the Bidder, shall have Indian nationality. A Bidder shall be deemed to have the nationality of a country if the Bidder is a national or is constituted, incorporated, or registered and operates in conformity with the provisions of the laws of Republic Of India. This criterion shall also apply to the determination of the nationality of proposed subcontractors or suppliers for any part of the Contract including related services.
- 1.6.4. **Bidder may be manufacturer of the offered products or a firm/company having authorization from a manufacturer. In case the bidder is not a manufacturer of the offered product(s), bidder must submit manufacturer's authorization using for that purpose Form-MA provided in Section-2 Bidding forms.**
- 1.6.5. A person, Firm or any other prospective bidder who is involved in fraud, unethical practices or barred from submitting bids by AEGCL or any sister concerns of AEGCL i.e. APDCL & APGCL will not be allowed to participate in the bids. If such cases are detected after submission of the bids, in later stages of the bidding process, then such bids will be rejected outright.
- 1.6.6. To be qualified for the bid the bidder must compulsorily meet the following minimum criteria specified in (i), (ii) and (iii) below.
- i. Bidder OR if the bidder is not a manufacturer, offered product's manufacturer must have least 10 (ten) years of experience in design, manufacture and supply of Power Conductors. Bidder shall submit filled up form EXP-1 along with copy of past orders to establish its eligibility.
 - ii. The Bidder or if the Bidder is not a manufacturer, his supplier must have designed, manufactured, type tested, supplied Power Conductors which are in successful operation for at least 05 (Five) years. The Bidder shall submit filled up form EXP-2 to furnish a list of such works executed along with Client's Recent Performance Certificates to substantiate the requirement. Performance certificates should not be older than three (03) years as on the date of opening of the technical bid.
 - iii. Bidder must have experience of executing a supply order of electrical items in a Transmission/Generation/Distribution utility in past five years. Bidder shall submit filled up form EXP-3 along with copy of past orders and completion certificate/delivery Challan with customer signature to establish its eligibility.

1.7.0 Financial Capability:

- 1.7.1. **Bidder will require to submit along with the bid the audited balance sheets, IT return and other legal financial statements acceptable to AEGCL, for the last 3 (three) years to demonstrate the current soundness of the Bidders financial position and its prospective long-term profitability. As a minimum, an Applicant's net worth calculated as the difference between total assets and total liabilities should be positive.**
- 1.7.2. **Average Annual Turnover:** Minimum average annual turnover required are as follows and will be calculated as total certified payments received for contracts in progress or completed within the last 3 (Three) Years.

(a) INR 6,00,000.00

1.8.0 Experience:

- 8.1.1.1.1. Three completed similar works** costing not less than an amount equal to **40% of the estimated cost, or**
 - 8.1.1.1.2. Two completed similar works** costing not less than an amount equal to **50% of the estimated cost, or**
 - 8.1.1.1.3. One completed similar works** costing not less than an amount equal to **80% of the estimated cost**
- 1.8.2. The bidders who have already been awarded works from this end but not completed in time and also applied for time extension for several times, they are not eligible for participating in this tender process.
- 1.8.3. **List of contracts for similar Works and services executed in the past two years with copies of LoAs and execution status of each contract supported by client's certificate.**
- 1.8.4. **Audited Annual Accounts certified by CA of the company for the last three (3) years (in case of companies) or IT Return duly acknowledged by the tax department for the last three (3) years (in case of bidders other than companies)**
- 1.8.5. **Copies of Professional Tax Clearance Certificate, PAN and/or TAN Card, Registration Certificate (Form GST REG - 06) issued under Goods and Services Tax Laws.**
- 1.8.6. **Performance Certificates of the manufacturers of supply of similar nature needs to be submitted along with the techno-commercial bid.**
- 1.9.0 Evaluation Criteria:**
- 1.9.1. Techno-Commercial Evaluation will be done on the basis of Work experience and Financial Capability submitted by the bidder.
- 1.9.2. Price Bid of only **Responsive Techno-Commercial Bidders** will be opened.

- 1.9.3. **Arithmetical Error**, if observed while in Price Bid evaluation, same will only be corrected.
- 1.9.4. Arithmetic Errors, in the Price Bid will be rectified on the following basis:
- a) If there is any 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 discrepancy between the total bid amount and the sum of total costs, the sum of total costs shall prevail and the total bid amount will be corrected.
 - b) The amount stated in the Price Bid shall be adjusted by AEGCL in accordance with the above procedure for the correctness 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.

1.10.0 Clarification

- 1.10.1. A prospective Bidder requiring any clarification of the Bidding Document shall contact the AEGCL in writing at the AEGCL's address indicated in the BDS or raise his enquiries prior to 3 (three) days of closing of the bid. The Employer will respond to any request for clarification, provided that such request is received no later than three (3) days prior to the deadline for submission of bids. The AEGCL's response shall be in writing with copies to all Bidders who have acquired the Bidding Document including a description of the inquiry but without identifying its source. Should AEGCL deem it necessary to amend the Bidding Document as a result of a request for clarification, it shall do so.
- 1.10.2. The Bidder is advised to visit and examine the site where the work is to be Carried out and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for the provision of plant and services. The costs of visiting the site shall be at the Bidder's own expense.
- 1.10.3. The Bidder and any of its personnel or agents will be granted permission by the Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the Bidder, its personnel, and agents will release and indemnify the Employer and its personnel and agents from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.

1.11.0 Amendment of Bidding Document

- 1.11.1. At any time prior to the deadline for submission of bids, the Employer may amend the Bidding Document by issuing addenda.
- 1.11.2. Any addendum issued shall be part of the Bidding Document and shall be communicated in writing to all who have obtained the Bidding Document from AEGCL.
- 1.11.3. To give prospective Bidders reasonable time in which to take an addendum into account in preparing their bids, AEGCL may, at its discretion, extend the deadline for the submission of bids.

1.12.0 Preparation of Bids by the Bidders:

1.12.1. Cost of Bidding

The Bidder shall bear all costs associated with the preparation and submission of its Bid, and AEGCL shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

1.12.2. Language of Bid

The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and AEGCL, shall be written in the English language.

1.12.3. Bid Prices and Discounts

- 12.3.1. **Bidders shall quote price inclusive of GST and all other applicable taxes. No extra calculation for discounts or other taxes will be done during evaluation.**
- 12.3.2. Unless otherwise specified in the Bid Document and/or AEGCL's Requirements, bidders shall quote for the entire plant and services on a —single responsibility basis such that the total bid price covers all the Contractor's obligations mentioned in or to be reasonably inferred from the bidding document in respect of the including procurement and subcontracting (if any), delivery, construction, installation and completion of the Work. This includes all requirements under the Contractor's responsibilities for completing the work and where so required by the bidding document, the acquisition of all permits, approvals and licenses, etc.; the operation, maintenance and training services and such other items and services as may be specified in the Bidding Document, all in accordance with the requirements of the General Conditions. Items against which no price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed to be covered by the prices for other items.
- 12.3.3. Bidders are required to quote the price for the commercial, contractual and technical obligations outlined in the bidding document.
- 12.3.4. GST, Royalty and all other taxes (as applicable) payable on the work should be shown separately.
- 12.3.5. Taxes like income tax etc. which need to be deducted at source as per the prevailing law of the land, will be deducted at source.

12.3.6. The prices shall be **FIXED & FIRM**.

The Bided Price should on Fixed Price basis, prices quoted by the Bidder shall be fixed during the Bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price quotation will be treated as non-responsive and rejected.

1.13.0 Bid Evaluation Process:

1.13.1 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 relevant Clauses as well as such other information as AEGCL deems necessary and appropriate; and
- ii. 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.

(b) 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

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

1.13.2 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 are 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.1.13.2.(a).(i) and 1.13.2.(a).(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.

Additional Performance Security in case of acceptance of ALB:

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 contract value. 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 period of the contract.

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.

1.14.0 Preliminary examination of bids and determination of responsiveness:

- i. Prior to the detailed evaluation of bids, AEGCL will examine the bids to determine whether they are complete and all documents as per relevant Clauses 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.
- ii. 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.
- iii. 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.

1.15.0 Corrupt or Fraudulent practices

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.

1.16.0 Award Criteria

Purchaser shall in general award the contract to the lowest substantially responsive bidder. However, the purchaser reserves the right to not award contract to the lowest substantially responsive bidder without thereby incurring any liability to Bidders.

1.17.0 Late Bid:

- i. Any bid submitted after the due date and time will be rejected without any prejudice.
- ii. AEGCL will not be responsible for any Postal and/or Courier delay in delivering the bid. The same received after the scheduled closing date and time will be rejected without any prejudice.
- iii. Bidding through EMAIL will not be accepted.

1.18.0 Payment Terms:

- i. No advance payment shall be made in this contract.

- ii. No claim for interest shall be entertained by AEGCL.
- iii. The price is firm and no price variation shall be applicable.
- iv. First & Final bill for the supply will be entertained only after 100% completion of the work.
- v. Payment will be made by the DGM, Bongaigaon T&T Circle, AEGCL, Dhaligaon.

1.19.0 Performance Security Deposit:

Further, Performance Guarantee of 10% of total contract value for of the project in the form of Bank Guarantee (BG) from a nationalized or scheduled Bank of RBI for a period of 60 (sixty) months from the date of supply is to be submitted with acceptance of LOI and before signing of the Contract Agreement. Moreover, before one month (i.e. 30 days) of expiry of the BG, renewal is to be done by the contractor if required, otherwise revocation would be done by AEGCL within claim period. BG is to be submitted strictly as per prescribed format of the AEGCL. BG should remain valid up to 60 (sixty) days beyond warranty/ Performance Guarantee Period. Duly pledged in favour of the **MD AEGCL**, and such security deposit shall be valid up to 30 days beyond the warranty period of 12 (twelve) months.

Please note that, if the selected Bidder / Firm fails to furnish the requisite performance security as stated above and sign the contract within the stipulated period, LOI/work order issued in favour of the Bidder/ Firm will automatically be Null & void.

1.19.1. If the bidder / firm fails or neglects to observe and perform any of his obligations under the contract, Purchaser (AEGCL) shall have the right to forfeit either in full or in part at his absolute discretion, the security deposit furnished by the Contractor/Firm.

1.19.2. No interest shall be payable on such deposits.

1.20.0 Liquidated Damage:

The date of completion of work shall be deemed to be the essence of the contract and shall not be completed no later than the date specified in the contract. In case of failure to complete the work within the stipulated period AEGCL shall be entitled to:

I. Recover and amount at the rate of 1% (One Percent) of the Contract Price per week or part thereof of delay, subject to maximum of 10% (Ten Percent) of the contract price as liquidated damage to AEGCL. However, the payment of liquidated damages shall not in any way relieve the contractor from any of its obligations to complete the works or from any other obligations and liabilities of the contractor under the contract.

II. To complete the balance work giving notice to the contractor/firm and to recover any extra expenditure incurred thereby for having to complete the work at a higher price at the risk and responsibility of the contractor/firm.

1.21.0 Warranty:

- The supplier warrants that all goods are new, unused, and of the most recent or current models, and that they incorporate all recent improvements in design and materials, unless provided otherwise in the contract.
- The supplier further warrants that the goods shall be free from defects arising from any act or omission of the supplier arising from design, materials, and workmanship, under normal use in the conditions prevailing in the country of final destination. The supplier will provide warranty for the works executed by them.
- If during the period of warranty any defect is found, the purchaser shall give notice to the supplier stating the nature of defect together with all available evidence thereof, promptly following the discovery thereof. The purchaser shall afford all reasonable opportunity for the supplier to inspect such defects.
- If having been notified, the supplier fails to remedy the defect within a period of 15 (Fifteen) days, the purchaser may, following notice to the supplier, proceed to do such work, and the reasonable costs incurred by the purchaser in connection therewith shall be paid to the purchaser by the supplier or may be deducted by the purchaser from any amount due to the supplier or claimed under the Performance Security.
- The term period of warranty shall mean the period of **12 (Twelve) months from the date of supply**. The successful bidder should warrant the free replacement of any damaged/malfunctioning equipment and its accessories during the warranty period.

1.22.0 Performance Guarantee / Defect Liability Period

The materials and entire construction/work is to be guaranteed against defective design, materials and workmanship and for satisfactory performance for a period of 365 days from the date of final acceptance of the completed work.

1.23.0 Defect after completion of work

- i. The contractor shall make good at his own cost and to the satisfaction of AEGCL all defects, or other faults which may appear during the defect liability period / warranty period.
- ii. In default, AEGCL may employ and pay other agency or persons to amend and make good such damages. Losses and expenses consequent thereon or incidental thereto shall be made good and borne by the contractor, failing which the same shall be recoverable from the payment due to the contractor and performance guarantee. In the event of amount due and performance guarantee being insufficient, the balance amount will be recovered from the contractor from the amount due or retained for other works executed in AEGCL.

1.24.0 Variation and Deviation of Quantity

The Tendered rates shall hold good for any variations in the Tendered quantities for completion of work on account of any modification in the bill of quantities or design or specification.

1.25.0 Deletion of work

AEGCL and its representative have the right to delete or decrease any item or quantity from schedule of quantity at its discretion if deemed necessary. No claim by the contractor will be admissible for this deletion or deduction of Item/quantity from schedule of quantity.

1.26.0 Use of materials arranged by the Board

If any materials supplied by AEGCL are found to be misused or wasted due to negligence by the contractor comes to the notice of the Board then the contractor shall be liable to pay compensation to the Board as may be decided by the Board.

1.27.0 Insurance

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.

1.28.0 Damage to person and property

- i. 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.
- ii. 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.

1.29.0 Force Majeure Condition:

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.

1.30.0 Settlement of Dispute and Arbitration:

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 to be by an arbitrator appointed by AEGCL. The contractor shall not stop the work during settlement of any dispute. All disputes shall be subjected to the jurisdiction of District Court of Kamrup District.

1.31.0 Scope of Work:

The brief description of scope covered under this Bidding Document is furnished below:

- a) Design, Supply, delivery of ACSR Moose Conductor as specified in BOQ.

- b) Arrangements of any permits required for transportation and movement of supplied materials. However, AEGCL shall assist as far as practicable in the process.
- c) Transit insurance and insurance during storage at site till commissioning shall be in the scope of the contractor.

1.32.0 Plea of Custom:

The plea of "Custom" prevailing will not on any account be permitted as an excuse for infringement of any of the conditions of contract or specifications.

The contract shall not be vitiated by any inadvertent omissions of any kind in the surveys, information, specifications, drawings or schedule of quantities.

1.33.0 Final Acceptance and Taking Over:

When the term of contract shall be fully complied with completing all works as per approved drawing and technical specifications to the satisfaction of the Department for a period as applicable, the Contractor/Firm shall have to submit completion 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.

1.34.0 Right to Reject:

AEGCL reserves the right to reject any or all the bids without assigning any reason thereof and the AEGCL further reserves the right to split up the work order in favour of more than one Contractor. The AEGCL also reserves the right to reject the lowest or any other price without assigning any reason. The clauses which are not appearing in this document (bid) will be as per The General Condition of Supply and Erection 2009 of AEGCL. The General Condition of Supply and Erection 2009 of AEGCL is available in the AEGCL's website www.aegcl.co.in under Acts, Rules and Policies.

SECTION 2
BIDDING FORMS

Form-1

Letter of Technical bid (On Bidders letterhead)

To,

The Deputy General Manager, Bongaigaon T&T Circle, AEGCL, Dhaligaon

Sub: Submission of Tender.

Ref:

1. NIT No:
2. Name of work:

Sir,

Having examined the terms & conditions, technical specifications, detailed items of work etc. as well as acquainting myself/ourselves with site of work, surroundings to get the required materials etc. I am/we are to submit herewith my/our tender for the above-mentioned work. My/our rates are quoted as per the specification laid down in the schedule of items of work.

I/We clearly understand that all materials, tools and plants, machineries, labours, testing of material, storage haulage etc. required in the work shall have to be arranged by me/us from my/our own resources in the events of allotment of the work to me/us.

I/We also clearly understand that in the event of acceptance/approved of my/our tender, the work shall have to be executed strictly as per specifications and the same shall have to be completed in all respects within the stipulated time failing which I, am/we are liable to be penalized as per rules laid down in tender document as well as agreement thereof.

Form-2

PROFILE OF THE BIDDER (Document checklist)

Hard copy of the following documents to be submitted with Techno-Commercial Bid.

SL. No.	Document to be submitted	Submitted (Yes/No)
1.	Letter of technical bid (Form-1)	
2.	Notarised Power of attorney for the person signing the tender	
3.	EMD payment receipt	
4.	Bidders company/firm registration certificate/certificate of incorporation	
5.	Manufacturer's authorization for Battery Bank and Battery Charger (Form MA) (Applicable for bidder who is not manufacturer of offered product)	
6.	GST registration	
7.	Filled up Form ELI-1	
8.	Filled up Form LIT	
9.	Filled up Form FIN-1	
10.	Audited Balance sheet for last three years	
11.	Bank solvency certificate/ other supporting document	
12.	Filled up Form EXP-1	
13.	Filled up Form EXP-2	
14.	Filled up Form EXP-3	
15.	Order/Contract copies establishing supplying offered product in past 6.6	
16.	Performance certificate of offered product as per clause 6.6 (ii)	
17.	Order/Contract copies establishing bidders experience in State/Central Utilities	
18.	GTP and drawings as per the BoQ	
19.	Type test reports	
20.	Completion schedule bar chart	
21.	Additional documents if any	

Form-3

Manufacturer's Authorization

(To be submitted in Manufacturer's Letterhead)

Bid No.:

To

The Deputy General Manager
Bongaigaon T&T Circle,
AEGCL, Dhaligaon

WE *[insert: **name of Manufacturer**]* who are established and reputable manufacturers of *[insert: **name and/or description of the Goods**]* having production facilities at *[insert: **address of factory**]* do hereby authorize *[insert: **name & address of Bidder**]* (hereinafter, the "Bidder") to submit a bid the purpose of which is to provide the following goods, manufactured by us, and to subsequently negotiate and sign the Contract:

1. _____
2. _____

We hereby extend our full guarantee and warranty in accordance with **Clause 1.21.0** of the bidding document, for the above specified Goods supporting the Supply of specified Goods and fulfilling the Related Services by the Bidder against this Bidding Documents, and duly authorize said Bidder to act on our behalf in fulfilling these guarantee and warranty obligations. We also hereby declare that, we will furnish the Performance Guarantee in accordance with **Clause 1.19.0**.

Further, we also hereby declare that we and *[insert: **name of the Bidder**]* have entered into a formal relationship in which, during the duration of the Contract (**including related services and warranty / defects liability**) we, the Manufacturer or Producer, will make our technical and engineering staff fully available to the technical and engineering staff of the successful Bidder to assist that Bidder, on a reasonable and best effort basis, in the performance of all its obligations to the Purchaser under the Contract.

For and on behalf of the Manufacturer

Common Seal and Signature of the authorised person:

Name:

Designation:

NOTE:

This MA should be signed by a person having either of the following-

- 1) Valid Power of attorney
- 2) Authorised by Managing Director
- 3) Member of Board of Directors

Form-ELI-1
Bidder's information Sheet

Sl. No.	Particulars	Bidders response
1	Bidders name and registered address	
2	Bidders authorised representative, designation and contacts	
3	GST registration no.	
4	MSME/SSI registration Udyog Adhaar/NSIC registration available?	Yes/No
5	EMD exemption claimed	Yes/No

(Signature and common seal)

Name:

Designation:

Date:

**Form – LIT
Pending Litigation**

Year	Matter in Dispute	Value of Pending Claim in Rupees	Value of Pending Claim as a Percentage of Net Worth

(Signature and common seal)

Name:

Designation:

Date:

Form FIN – 2
Average Annual Turnover

Annual Turnover Data for the Last 3 Years	
Year	Amount (Rupees)
Average Annual Turnover	

The information supplied should be the Annual Turnover of the Bidder in terms of the amounts billed to clients for each year for contracts in progress or completed.

(Signature and common seal)

Name:

Designation:

Date:

Form – EXP-1

Bidder must fill this form to establish eligibility as per clause 1.6.6(i)

Sl. No.	Customer name	Contract No. and date	Work order value	Contractor/supplier	Brief description of work

Note: Order/contract copies are to be submitted as supporting document.

(Signature and common seal)

Name:

Designation:

Date:

Form – EXP-2

Bidder must fill this form to establish eligibility as per clause 1.6.6(ii)

Fill up one (1) form per contract.

Contract of Similar Size and Nature			
Contract No.of.	Contract Identification		
Award Date		Completion Date	
Role in Contract	☐ Contractor		☐ Subcontractor
Total Contract Amount	(Rupees)		
Purchaser's Name Address Telephone/Fax Number E-mail			
1. Brief Specification of Goods supplied			
2. Date of commissioning.			
Attached are copies of the following original documents.			
☐ 1. Type Test Certificates.			
☐ 2. Recent performance certificates (as per clause 1.6.6 (ii))			
☐ 3. Copy of the Contract Document/ Work order			

(Signature and common seal)

Name:

Designation:

Date:

Form – EXP-3

Bidder must fill this form to establish eligibility as per clause 1.6.6(iii)

Sl. No.	Customer name	Contract No. and date	Work order value	Contractor/supplier	Brief description of work	Completion date

Note: Following documents are to be submitted as supporting document:

- i) Relevant order/contract copies.
- ii) Completion certificate or Delivery Challan with customer signature.

(Signature and common seal)

Name:

Designation:

Date:

Section - 3

Purchaser's Requirements

3.1.0 SCOPE

The brief description of scope of scope covered under this Bidding Document is furnished below:

- a) Design, manufacture, supply and delivery of ACSR Moose Conductor as per BOQ.
- b) Arrangements of any permits required for transportation and movement of supplied materials. However, AEGCL shall assist as far as practicable in the process.
- c) Transit insurance and insurance during storage at site till commissioning shall be in the scope of the contractor.

3.2.0 SERVICE CONDITIONS

Bidder should note the following climatic and other conditions prevailing in the location of work:

- a) Peak ambient day temperature in still air : 45°C
- b) Minimum night temperatures : 0°C
- c) Ground temperatures : 40°C
- c) Reference ambient day temperature : 45°C
- d) Relative Humidity a) Maximum : 100 %
 b) Minimum : 10 %
- e) Altitude : Below 1000 M above MSL
- f) Maximum wind pressure : As per IS: 802 latest code.
- g) Seismic Intensity : ZONE-V as per IS 1893.

3.3: TECHNICAL SPECIFICATION FOR ACSR MOOSE CONDUCTOR

3.3.1. Type of conductor

The ACSR Conductor shall generally conform to IEC: 61089/ IS: 398 (relevant part)/ ASTM: B-232 except where otherwise specified herein. Conductor conforming to a standard other than the Indian Standard specification then an English version of the Standard in addition to the original standard if written in a language other than English should be submitted indicating clearly the advantage, if any, that would be obtained by the Employer for adopting this standard instead of the said India Standard.

3.3.2. Standard Technical Particulars

All ACSR Conductor shall satisfy all the parameters as furnished in Technical Data Sheet. All the aluminium and steel strands shall be smooth, uniform and free from all imperfections, such as spills and splits, die marks, scratches, abrasions, etc., after drawing and also after stranding.

The steel strands shall be hot dip galvanised and shall have a minimum zinc coating.

3.3.3. Material

The aluminium strands shall be hard drawn from electrolytic aluminium rods having purity and copper content as per the values indicated in the STP. They shall have the same properties and characteristics as prescribed in IEC: 60889.

The steel wire strands shall be drawn from high carbon steel wire rods produced by either the acid or the basic open-hearth process, the electric furnace process, or the basic oxygen process and shall conform to the chemical composition indicated in the STP.

The Steel wire strands shall have the same properties and characteristics as prescribed for regular strength steel wire in IEC: 60888.

The zinc used for galvanizing shall be electrolytic High-Grade Zinc of purity. It shall conform to and satisfy all the requirements of IS:209.

3.3.4. Joints in wire

In the Aluminium wires no joints shall be permitted in the individual wires in the outer most layer of the finished conductor. However, joints are permitted in the inner layer of the conductor unavoidably broken during stranding provided such breaks are not associated with either inherently defective wire or with the use of short lengths of aluminium wires. Such joints shall not be more than four (4) per conductor length and shall not be closer than 15 meters from joint in the same wire or in any other aluminium wire of the completed conductor.

Joints shall be made by cold pressure butt welding and shall withstand a stress of not less than the breaking strength of individual strand as per STP.

In the Steel wires there shall be no joint of any kind in the finished wire entering into the manufacture of the strand. There shall also be no strand joints or strand splices in any length of the completed stranded steel core of the conductor.

3.3.5. Stranding

The wires used in construction of a ACSR conductor shall, before and after stranding, satisfy all requirements of IS 398 with latest amendments thereof.

The lay ratio of the different layers shall be within the limits as per the said Standard. In all constructions, the successive layers shall have opposite directions of lay, the outer most layer being right-handed. The wires in each layer shall be evenly and closely stranded. In aluminium alloy stranded conductors having multiple layers of wires, the lay ratio of any layer shall not be greater than the lay ratio of the layer immediately beneath it.

3.3.6. Type/Routine/Acceptance Tests

Type Test:

The following tests shall be conducted on a sample/sample of the conductor(s) required under the package from each stranding machine from which the conductor is to be manufactured & supplied:

- a) DC resistance test on stranded conductor
- b) UTS test on stranded conductor
- c) Corona extinction voltage test (dry)
- d) Radio interference voltage test (dry)

Acceptance Test:

- a) Visual and dimensional check on drum
- b) Visual check for joints, scratches etc. and length measurement of conductor by rewinding
- c) Measurement of diameters of individual Steel and Aluminium strands
- d) Galvanizing test on steel strands
- e) Check for lay Ratios of various layers
- f) Torsion and Elongation tests on steel strands
- g) Breaking load test on steel and Aluminium strands
- h) Wrap test on Steel & Aluminium strands
- i) DC resistance test on Aluminium strands
- j) Procedure qualification test on welded joint of Aluminium strands
- k) Drum strength test (steel drum)
- l) Barrel Batten strength test (wooden drum)

The above acceptance tests shall be repeated on one conductor sample taken from site in presence of AEGCL's representative for each 500km progressive supply. The tests shall be carried out by the supplier at his cost at its own premises or any other tests centre having required facilities. The sample shall be selected by AEGCL's site representative and the tests shall be witnessed by AEGCL's representative.

3.3.7. Rejection and Retests

Stipulations made in the IS 398 (Part-IV) on Rejection and Retests shall be followed.

3.3.8. Packing

All conductor reels shall conform to latest edition of IS: 1778 and be of dimensions approved by the Employer and made of seasoned wood sufficiently strong to ensure arrival at site, intact withstanding normal handling and hazards inland and ocean transit. The reels shall be of such size as to provide at least 12.5 mm clearance at all points from the conductor to the inner surface of the laggings.

All reels shall have two coats of aluminium paint on both inside and outside surface and shall be fitted with malleable iron Hub-bushings.

All reels shall be a layer of waterproof paper around the hub under the cable and another layer over the outermost layer of the cable, that is next to the lagging.

The reels shall be properly reinforced with galvanized steel wires or iron straps over the lagging in two places in an approved manner.

The wooden drums shall preferably be given protective coating of a reliable organic wood preservative before painting with Aluminium paint and the laggings shall also be given a similar treatment before being fixed on the drum. There shall be one standard length of Conductor in each drum.

3.3.9. TECHNICAL DATA SHEET FOR CONDUCTOR ACSR MOOSE

Sl. No	DESCRIPTION	PARTICULARS
I	II	III
1	Type of Conductor	Aluminium Conductor Steel Reinforced (ACSR)
2	No of Strand x size	54 x 3.53 mm
3	Conductor over all diameter	31.77 mm
4	Total sectional area	597 mm ²
5	Approx. weight	2004 kg/km
6	Minimum UTS	161.2 kN
7	Modulus of Elasticity (Final)	0.7034 kg/cm ²
8	Coefficient of linear expansion	19.3 x 10 ⁻⁶ /°C
9	Calculated maximum resistance/Km of Conductor at 20°C	0.05552 ohms/km
10	Layer and No of Wire	
	Steel core	1
	1st steel layer	6
	1st Aluminium layer	12
	2nd Aluminium layer	18
	3rd Aluminium layer	24
11	Aluminium strands after stranding	
(a)	Diameter	
	Nominal	3.53
	Maximum	3.55
	Minimum	3.51
(b)	Minimum breaking load of strand	
	Before stranding	1.57

	After stranding	1.49
12	Steel strand after stranding	
(a)	Diameter	
	Nominal	3.53
	Maximum	3.59
	Minimum	3.47
(b)	Minimum breaking load of strand	
	Before stranding	12.86
	After stranding	12.22
13	DC resistance of the conductor at 20°C	0.05552
14	Direction of lay of outer layer	Right Hand
15	Linear mass of the conductor	
	Standard	2004
	Minimum	1969
	Maximum	2040

Section 5 - Contract Forms

This Section contains the format for Notification of Award, the Contract Agreement and Appendices to the Contract Agreement which, once completed, will form the Contract along with the Section 4. The Bidder should note that this Section shall be completed fully at the time of Contract signing.

[AEGCL's letter head]

Notification of Award

[date]

To: [Name and address of the Contractor]

This is to notify you that your Bid dated [date] for execution of the [name of the work] against [Bid identification number] for the Contract Price in the aggregate of Rupees [amounts in numbers and words] (as per Price Schedule-1), as corrected and modified in accordance with the Instructions to Bidders is hereby accepted, and it is decided to award on you the '**Supply of ACSR Moose Conductor at 220kV Salakati GSS**' covering inter-alia supply of all services specified in bidding document.

You are requested to furnish the Performance Security within fifteen (15) days in accordance with the Conditions of Contract, using for that purpose one of the Performance Security Forms included in Section 6 (Contract Forms) of the Bidding Document.

[Authorized Signature]

[Name and Title of Signatory]

Assam Electricity Grid Corporation Limited

Attachment: 1) Price schedule (with arithmetic correction if any)
2) Draft Contract agreement

STAMP

1. Contract Agreement
(Supply and related services Contract)

THIS AGREEMENT made the _____ day of _____, _____,

BETWEEN

Assam Electricity Grid Corporation Limited (herein after referred to as AEGCL), a corporation incorporated under the laws of Company Act, 1956 and having its registered office at First Floor, Bijuli Bhawan, Paltanbazar, Guwahati-781001, Assam and [**name of Contractor**], a firm/company incorporated under the laws of Company Act, 1956 and having its principal place of business at [**address of Contractor**] (hereinafter called "the Contractor"). [~~in case of JV insert name and address of the Lead Partner as well as other Partners~~]

WHEREAS AEGCL desires to engage the Contractor to the 'Ex-works Supply Contract' (also referred to as the 'First Contract') covering inter-alia supply of all equipment and materials for the complete execution of '**Supply of ACSR Moose Conductor at 220kV Salakati GSS**' as detailed in the Contract Document ("the Facilities"), and the Contractor has agreed to such engagement upon and subject to the terms and conditions hereinafter appearing.

NOW IT IS HEREBY AGREED as follows:

Article 1
Contract Documents

1.1 Contract Documents

The following documents shall constitute the Contract between the Purchaser and the Contractor, and each shall be read and construed as an integral part of the Contract:

- (a) This Contract Agreement and the Appendices hereto
- (b) Letter of Price Bid and Price Schedules submitted by the Contractor
- (c) Letter of Technical Bid and Technical Proposal submitted by the Contractor
- (d) Special Conditions of Contract
- (e) General Conditions of Supply and Erection.
- (f) Specification (Purchaser's Requirements)
- (g) Drawings (Purchaser's Requirements)
- (h) Other completed Bidding Forms submitted with the Letters of Technical and Price Bids
- (i) Guaranteed and other Technical Particulars (as submitted with the Bid).
- (j) Any other documents shall be added here

1.2 Order of Precedence

In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Contract Documents are listed in Article 1.1 (Contract Documents) above.

1.3 Definitions

Capitalized words and phrases used herein shall have the same meanings as are ascribed to them in the SCC.

Article 2
Contract Price and
Terms of Payment

2.1 Contract Price

The Purchaser hereby agrees to pay to the Contractor the Contract Price in consideration of the performance by the Contractor of its obligations hereunder. The Contract Price shall [. . . **amounts in rupees in words** . . .], [. . . **amounts in figures** . . .] as specified in Price Schedule No. 3 (Grand Summary).
The Contract Price is fixed.

2.2 Terms of Payment

The terms and procedures of payment according to which the Purchaser will pay the Contractor are given in the Appendix (Terms and Procedures of Payment) hereto.

**Article 3
Commencement Date
and Completion Time**

3.1 Commencement Date

The Commencement Date upon which the period until the Time for Completion of the Works shall be counted from is the date when this Contract Document is signed.

3.2 Completion Time

The whole works under the scope of this Contract shall be completed within **180 (One Hundred and Eighty Days)** months from Contract Commencement Date.

Article 4. Appendices

4.1 The Appendices listed in the attached List of Appendices shall be deemed to form an integral part of this Contract Agreement.

4.2 Reference in the Contract to any Appendix shall mean the Appendices attached hereto, and the Contract shall be read and construed accordingly.

IN WITNESS WHEREOF the Purchaser and the Contractor have caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

Signed by, for and on behalf of the Purchaser

Signed by, for and on behalf of the Contractor

[**Signature**]

[**Signature**]

[**Title**]

[**Title**]

in the presence of

in the presence of

[**Signature**]

[**Signature**]

[**Title**]

[**Title**]

APPENDICES

- Appendix 1 - Special Conditions of Contract
- Appendix 2 - Completion schedule (bar chart)
- Appendix 3 - List of delivery destinations
- Appendix 4 - Performance Security.
- Appendix 5 - Price Schedule.
- Appendix 6 - Guaranteed Technical Particulars

**Appendix 4 - Form of Performance Security
Bank Guarantee**

(To be stamped in accordance with Stamp Act)
(The non-Judicial Stamp Paper should be in the name of issuing Bank)

**Beneficiary: Managing Director, AEGCL
Name and Address of Purchaser**

**Bank's Name:
Address of Issuing Branch or Office:
Email id and phone no for correspondence:**

Bid Security No.:

WHEREAS _____ [name and address of Contractor] (hereinafter called "the Contractor") has undertaken, in pursuance of LoA No. _____ dated _____ to execute _____ [name of Contract and brief description of Works] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized/scheduled bank for the sum specified therein as security for compliance with its obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ [amount of Guarantee] _____ [in words], such sum being payable in the currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

BG expiry date:
BG clam date:

Bank's seal and authorized signature(s)

NOTE

1. *All italicized text is for use in preparing this form and shall be deleted from the final document. An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract.*
2. *This guarantee shall be valid upto 30 days beyond the Warranty Period as per the Contract.*
3. *For BG amount equal to or more than 50,000.00, BG should be signed by two bank officers to be valid.*
4. **Address of the banker with email and phone number for correspondence with banker should be clearly mentioned. Any correspondence related to the BG with the banker shall be made to the address mentioned in the BG.**