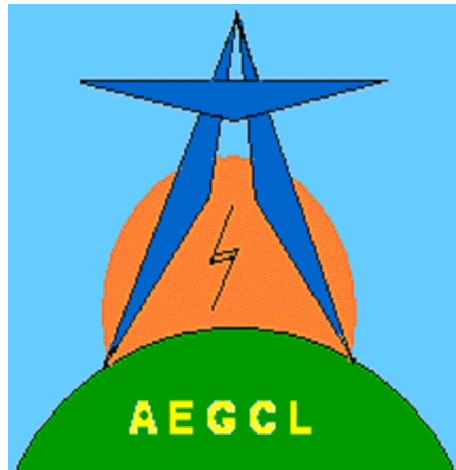


ASSAM ELECTRICITY GRID CORPORATION LIMITED
Regd. Office: 1st Floor, Bijulee Bhawan, Paltan Bazar, Guwahati-781001
CIN: U40101AS2003SGC007238
Ph: -0361-2739520/Fax: -0361-2739513 Web: www.aegcl.co.in



TENDER DOCUMENT

Name of Work: - Construction of collapsed boundary wall at 132kV Barnagar GSS, AEGCL

Bid No.: AEGCL/MD/O&M(LAR)/2025/BARNAGAR GSS/Boundary Wall/Bid/002

FUND: "O&M HQ LAR FOR THE FY 2025-26"

Tender Notice

No. Note/AEGCL/MD/O&M(LAR)/Civil estimates/Tender/110/August/2025/doc_11 dated 24/09/2025

For and on behalf of the Managing Director, Assam Electricity Grid Corporation Limited (AEGCL), the Chief General Manager O&M(LAR), invites tender from reputed Civil Engineering Firms / Contractors for the below mentioned work. A single stage Two envelope procedure shall be adopted for this tender.

Name of Work: Construction of collapsed boundary wall at 132kV Barnagar GSS, AEGCL

Invitee: The Chief General Manager O&M (LAR), AEGCL

Duration of Completion: The allotted time of completion for the work is 3 (three) months from the date handing over of the site

Tender Fee (Non-Refundable): INR 500/- (Rupees Five Hundred) only.

Tender Value: INR 9,34,309.00/- (Rupees Nine Lakhs Thirty-Four Thousand Three Hundred Nine) only

Earnest Money Deposit (EMD): INR 20,000/- (Rupees Twenty Thousand) only.

Address: The Chief General Manager O&M (LAR), AEGCL, 1st Floor, Bijulee Bhawan, Ghy-781001

Issue of Tender Paper/Tender Start Date: On all working days starting from 18:00 hrs of 24.09.2025

Receipt of Tender Paper /Tender end Date: Till 15: 00 hrs of 8.10.2025

Tender opening Date: 12:00 hrs of 9.10.2025

In case the date of receiving of tenders happen to be holiday the next working day will be treated as receiving/ opening date of tender at the same time and place.

The undersigned reserves the right to reject the tender (partly or in whole) without assigning any reason thereof.

Sd/-

**Chief General Manager O&M (LAR)
Assam Electricity Grid Corporation Ltd.**

For and on behalf of the Managing Director, Assam Electricity Grid Corporation Limited (AEGCL), the Chief General Manager (O&M), LAR invites tender from reputed Civil Engineering Firms / Contractors for the work “Construction of collapsed boundary wall at 132kV Barnagar GSS, AEGCL”. A single stage two envelope procedure (Techno-Commercial and Price Bid) will be adopted for this tender.

(A) INFORMATION TO BIDDER: -

1. **NAME OF WORK:** Construction of collapsed boundary wall at 132kV Barnagar GSS, AEGCL

2. **LOCATION OF WORK:** - 132kV Barnagar GSS, Sorbhog, Barpeta-781317, AEGCL

3. **CONTACT ADDRESS: -**

The Chief General Manager (O&M), LAR

AEGCL, First Floor,

Bijulee Bhawan, Paltanbazar,

Guwahati-781001.

Email id- cgmom.lar@aegcl.co.in

4. **BIDDING PROCEDURE: -**

- a) Sealed bids in prescribed format are to be submitted with Name of the Work, Tender Reference No. and Name of the bidder mentioned on the sealed envelopes containing the bids.
- b) The tender shall be submitted in two separate parts, each in separate sealed covers superscribed as follows.
Part I – Technical & Commercial bid Part II – Price bid, enclosed together in one sealed envelope
- c) Tender should be written either in ink or typed. No tender filled in otherwise shall be considered.
- d) Bidders may obtain any further information from the office of the Chief General Manager (O&M) LAR, Bijulee Bhawan, Paltan Bazar, Guwahati - 781001, Assam [e-mail: cgmom.lar@aegcl.co.in; Web site: www.aegcl.co.in.]

- e) The rates against item(s) as detailed in the Appendix Schedule of Work (Appendix-7) are to be quoted as per the given schedules and shall be submitted along with the bid in “Part II – Price bid.” Price quoted should be exclusive of GST.

The tenders should reach/be submitted in the office of the Managing Director, AEGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781001 on or before **15-00 hours on 14.10.2025.**

- f)
- g) The Part-I (Technical & Commercial bid) of the tender will be opened at 12:00 hours on 15.10.2025 in the office of the Managing Director, AEGCL, Bijulee Bhawan, Paltanbazar, Guwahati-781001, in presence of the authorised representatives who desire to be present.
- h) The Part-II (Price bid) of the bidders whose bids are shortlisted in the “Technical Evaluation” of Part-I (Technical & Commercial bid) shall be opened separately and date and time of such opening will be notified.
- i) Tenders shall preferably be submitted in person or by registered post. Tenders received late due to delay in postal/courier service/ late due to any other reason shall not be considered. The tenders received after due date and time shall be returned unopened by post.
- (a) Telegraphic tenders / tenders sent by means of FAX shall not be considered
- (b) If for any unforeseen reasons the date of opening of bid turns into a holiday, the tenders shall be opened on the next working day at the specified time

5. I. BASIC DETAILS:

a)	Bid No.:	AEGCL/MD/O&M(LAR)/2025/BARNAGAR GSS/Boundary Wall/Bid/002
b)	Name of work:	Construction of collapsed boundary wall at 132kV Barnagar GSS, AEGCL
c)	Work Type:	Civil Works
d)	Tender Inviting Authority:	
	(i) Designation:	Chief General Manager (O&M) LAR
	(ii) Address:	Bijulee Bhawan, Paltan Bazar, Guwahati, Assam.
e)	Total Tender Value:	Rs.9,34,309.00 (inclusive of GST)

II. CRITICAL DATES:

Tender Start Date **24/09/2025 18:00 Hrs 00 Mins**

Submission Start Date **24/09/2025 18:00 Hrs 00 Mins**

Tender End Date **08/10/2025 15:00 Hrs 00 Mins**

Opening Date of Techno **09/10/2025 12:00 Hrs 00 Mins**
Commercial bid

6. TENDER VALUE:

The tender value *inclusive of all taxes* is **Rs. 9,34,309.00** (Rupees Nine Lakhs Thirty-Four Thousand Three Hundred Nine) only.

7. TENDER PROCESSING FEE AND MODE OF PAYMENT: -

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

Bidder has to pay Non-Refundable tender processing fee of **Rs. 5,00.00 (Rupees Five Hundred)** only in the form of Banker's Check /Demand Draft in favour of Assam Electricity Grid Corporation Limited, Guwahati-781001 and to be submitted along with the tender in 'Part I – Technical & Commercial bid'.

8. BID SECURITY/EARNEST MONEY DEPOSIT (EMD) AND MODE OF PAYMENT:

- a) Every tender must be accompanied with Earnest Money amounting to **₹ 20,000/- (Rupees Twenty Thousand)** only in the form of A/C payee Demand draft/ Bankers Cheque pledged in favour of the Assam Electricity Grid Corporation Limited, Bijulee Bhawan, Paltanbazar, Guwahati-1, and Payable at Guwahati. Tenders without EMD / EMD of lesser amount shall be rejected outright.
- b) The bid security/EMD 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.
- c) The bid security/EMD of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the performance security.
- d) The bid security/EMD may be forfeited: -
 - (i) if a Bidder withdraws its bid during the period of bid validity period.
 - (ii) if the successful Bidder fails to sign the Contract within the specified period.
 - (iii) if the successful Bidder fails to furnish a performance security within 15 (Fifteen) days' time of issue of Notification of Award (NoA).

9. PERFORMANCE BANK GUARANTEE AND MODE OF PAYMENT: -

- a) Warranty: The materials and entire work are to be guaranteed against defective design, materials and workmanship and for satisfactory performance for a period of 18 (eighteen) Months from the date of final acceptance of the completed work by AEGCL.
- b) The successful Bidder shall have to deposit through a **Bank Guarantee/Fixed deposit/RTGS/NEFT** from a Nationalized or scheduled Bank of RBI in AEGCL's standard proforma on non-judicial stamp of appropriate value for an amount equivalent to 10% (ten percent) of the total value of the order including GST as performance security within 15 (Fifteen) days from receiving of Notification of Award (NoA) duly pledged in favour of the Purchaser concerned (AEGCL) and such security deposit shall be ***valid up 60 days beyond the warranty period..*** In case of Abnormally Low Bid the amount to be taken as performance guarantee will be as per bid document.
- c) If the contractor/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.
- d) If the value of the work increases from original ordered value, the contractor has to provide performance guarantee for additional amount
- e) If any abnormally low bid is accepted under Clause no. B (5.B)., after taking the additional performance security as per the assessment of the committee, however, the total performance security should not have to be exceeded 20% of the total contract value.
- f) The additional performance security shall be treated as the part of the original performance security and shall be valid for a period coextensive with the applicable defect liability period of the contract.
- g) Non submission of the additional performance security shall constitute sufficient ground to rejection of the bid and similar assessment shall be initiated for next ranked bidder if that bidder is identified as ALB.
- h) No interest shall be payable on such deposits.

10. CLARIFICATIONS: -

- a) A prospective Bidder requiring any clarification of the Bidding Document shall contact the AEGCL in writing their enquiries. AEGCL will respond to any request for clarification if deemed necessary. Should AEGCL deem it necessary to amend the Bidding Document as a result of a request for clarification, it shall do so.
- b) The Bidder must 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. The costs of visiting the site shall be at the Bidder 's own expense.
- c) The Bidder and any of its personnel or representatives will be granted permission by AEGCL to enter upon its premises and lands for the purpose of such visit, but only upon the express

condition that the Bidder and its personnel will release and indemnify the Employer and its personnel 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.

11. VALIDITY OF BID: -

- a) Bid shall remain valid for the period of **180 days** after the 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.

12. TIME OF COMPLETION: -

- a) The allotted time of completion for the work is **3 (Three) months** from the handing over of the site. The work shall be carried out as per the priority schedule which shall be approved by AEGCL after the issue of NoA.

13. DISCLAIMER: -

- a) AEGCL is not committed contractually in any way to those Bidders whose Bid are accepted. The issue of this Bid does not commit or otherwise oblige AEGCL to proceed with any part or steps of the process.

14. AMENDMENT OF TENDER DOCUMENT: -

- a) At any time prior to the deadline for submission of bids, the Employer may amend the Bidding Document by issuing addendum.
- b) 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.

15. LANGUAGE OF BID: -

- a) 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 and/or Assamese language.

16. NEGOTIATION WITH BIDDER: -

The AEGCL reserve the right to hold negotiations with lowest bidder if AEGCL feels the quoted rates of particular item(s) are unreasonably high. The bid must be valid, eligible and technically acceptable and considered for award of contract.

17. VERIFICATION OF DOCUMENTS: -

- a) AEGCL reserves the right to verify the documents submitted by the bidders with issuing authority and if any abnormalities are observed in the same, their bids will be rejected.

18. RIGHT TO REJECT: -

- a) The AEGCL reserves the right to reject any or all the bids without assigning any reason thereof. 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 Bid document 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

(B) ELIGIBILITY QUALIFICATION:

- i. The Techno-Commercial Evaluation will be done on the basis of technical qualification, financial qualifications and fulfilment of the legal conditions.
- ii. The Price Bid of only Responsive Techno-Commercial Bidders will be opened and intimation will be issued in due course.

1. ELIGIBLE BIDDERS: -

- a) A Bidder may be a person, partnership, private entity or a government-owned entity.
- b) A Bidder, and all partners constituting the Bidder, shall have Indian nationality.
- c) **Joint Venture (JV) is not allowed for this bid**
- d) Consequently, all Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in this bidding process if, including but not limited to: -
 - they have controlling partners in common; or
 - they receive or have received any direct or indirect subsidy from any of them; or
 - they have the same legal representative for purposes of this bid; or
 - they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process; or
- e) If a Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which it is involved.
- f) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the plant and services that are the subject of the bid.

- g) A firm that is under a declaration of ineligibility by the AEGCL or any Government Entity or PSU at the date of the deadline for bid submission or thereafter i.e., on or before contract signing date shall be disqualified.
- h) Bidders shall provide such evidence of their continued eligibility satisfactory to the AEGCL, as the Employer shall reasonably request.
- i) In case a prequalification process has been conducted prior to the bidding process, this bidding is open only to prequalified Bidders.
- j) The bidder must have experience of execution of work of similar nature previously. The bidder must submit experience and Performance Certificate for scrutiny by AEGCL.
- k) **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.**

2. LEGAL ENTITY: -

- a) Verification may be undertaken to verify that an applicant is a bona-fide registered company or business. Bidders are required to provide evidence of the legal entity by providing a copy of an official document as mentioned in the appendix attached along with this bid document.

3. TECHNICAL QUALIFICATION/ ELIGIBILITY CRITERIA: -

- a) Experience having completed similar works during the last 5 years ending last day of the month previous to the one in which applications are invited should be either of the following:
 - i) Three similar completed works costing not less than an amount equal to 40% of the estimated tender value,

OR

- ii) Two similar completed works costing not less than an amount equal to 50% of the estimated tender value

OR

- iii) One similar completed work costing not less than an amount equal to 80% of the estimated tender value

Bidder shall submit filled up form EXP-1 along with copy of past orders with completion certificate to establish the eligibility

“Similar work” is defined as work of “Construction of Boundary Wall” in **any power related establishment.**

a) If the nature of work and value differs from the above stated conditions, it will not be considered while evaluation of technical qualification

Joint Venture (JV) is not allowed for this bid

Bidders must compulsorily submit work order and work competition certificate issued from Govt Department/reputed PSUs only satisfying the above-mentioned work experience criteria for technical qualification. Moreover, AEGCL reserves the right to scrutinise any work order/work competition certificate submitted by the bidders with issuing authority and if any abnormalities are observed in the same, their bids will be rejected.

- (c) **Each bid shall be accompanied by a statement by the bidder declaring that he/she/it is a bona-fide engineering contractor and has in possession adequate equipment, qualified personnel to fill positions required for execution of the work.**
- (d) The Bidder will supply information of the key personnel, design & engineering staff, support staff, field staff etc. proposed for the work along with details of their experience in similar nature of work.
- (e) The Bidder should also substantiate availability (either owned or leased) of the tools, tackles, spare parts etc. for carrying out the works.

4. FINANCIAL QUALIFICATION: -

Criteria	Compliance Requirements				Documents
Requirement	Single Entity	Joint Venture Not Allowed			Submission Requirements
		All Partners Combined	Each partner	One partner	
4.1 Historical Financial Performance					
Submission of audited balance sheets or other financial statements acceptable to the Purchaser, 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, a Bidder's net worth calculated as the difference between total assets and total	Must Meet Requirement	Not Applicable	Not Applicable	Not Applicable	Form 'FIN-1' With attachments

liabilities should be positive.					
4.2 Average Annual Turnover					
Minimum average annual turnover of Rs. 3,00,000.00 (Rupees Three Lakhs) only calculated as total certified payments received for contracts in progress or completed, within the last 3 years. <i>Financial Statements for last 3 (three) years will be considered for calculation of turnover (should be CA/CMA certified).</i>	Must Meet Requirement	Not Applicable	Not Applicable	Not Applicable	Form 'FIN-2'
4.3 Financial Resources/Cash Flow					
Using Forms FIN-3 and FIN-4 (Refer appendices), the bidder must demonstrate that the financial resources of bidder, defined in FIN-3, less the bidder's financial obligations for its own current contract commitments defined in FIN-4, meet or exceed the total requirement of Rs. 4,70,000.00 (Rupees Four Lakhs Seventy Thousand) only. <i>The Bidder must 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</i>	Must Meet Requirement	Not Applicable	Not Applicable	Not Applicable	Form 'FIN-3' & Form 'FIN-4'

payments to meet the cash-flow requirement, in the prescribed format of ICAI.					
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4.4 The Contractor must furnish their Bank Solvency Certificate indicating the amount by concerned authority in necessary format as per their banks.

5. PRICE BID EVALUATION PROCESS:

Identification:

- A. The following methodology will be practised for identification and treatment of the Abnormally Low Bids (ALB) in this tender process of AEGCL:
- (i) ***Absolute Approach*** is to be considered 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 to be considered when there are at least 5(five) nos. of substantially responsive bids and the lowest bid price is 20% or more below AEGCL's cost estimate.

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 an ALB, the tender evaluation committee/appropriate authority of the respective tenders shall undertake the following three stage review process which is as below:
- (i) To identify ALB as per the steps mentioned in SI no. 5.A.(i) and 5.A.(ii) whichever is applicable.
 - (ii) To seek and analyse the clarifications from the abnormally low Bidder in terms of resource inputs and pricing, including overheads, contingencies and profit margins. In that respect, the committee may refer to guideline of World Bank, AIIB, ADB etc. prescribed for ALB.
 - (iii) To decide whether to accept or reject the bid.
 - (iv) On acceptance of the bid, whether Additional Performance Security is to imposed on the bidder supplemented by adequate justification.

C. In case of acceptance of ALB with Additional Performance Security:

- (i) If any abnormally low bid is accepted under point 5.B.(iii) with additional performance security, it is to be noted that the total performance security should not exceed 20% of the total contract value.
- (ii) The additional performance security shall be treated as part of the original performance security and shall be valid for a period similar to that applicable for defect liability period of the contract.
- (iii) Non submission of the additional performance security shall constitute sufficient ground for rejection of the bid and similar assessment shall then be initiated for next ranked bidder if that bidder is also identified as ALB.

D Award Criteria

- i) 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.
- ii) Prior to the expiration of the period of bid validity, the Purchaser shall notify the successful Bidder, in writing, that its bid has been partially or fully accepted quoting acceptance of the bid. The notification letter (hereinafter called the “**Notification of Award (NoA)**”) shall specify the sum that the Purchaser will pay the Contractor (hereinafter called “Contract Price”) in consideration of the execution and completion of the services. Until a formal contract is prepared and executed, the notification of award shall constitute a binding Contract.
- iii) Within **15 (Fifteen) days** of receipt of the Notification of Award, the successful Bidder shall be required to sign the Contract Agreement with AEGCL using for that purpose, the contract form provided with this bidding document failing which AEGCL at its discretion may cancel the award.

(C) GENERAL CONDITIONS OF CONTRACT:

1. INSPECTION OF SITE: -

- a) The Bidder must visit and examine the site where the work is to be carried out and its surroundings, nature of work, site conditions, area for storage of materials, etc. and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract. 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 & requirements.

For site visit, the bidder may communicate with the concerned RE, 132kV Barnagar GSS, Sorbhog, Barpeta-781317, AEGCL

2. PREPARATION OF BID: -

a) 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.

- b) Documents Establishing Conformity of the Goods and Services: -The documentary evidence of the conformity of the goods and services to the Bidding Document may be in the form of letter, drawings and data, and shall furnish. A detailed description of the essential technical and performance characteristics of the goods and services, including the functional guarantees of the Goods, in response to the specification.
- c) Bidder should note clearly that department should not take any responsibility for issuing of any materials, equipment's and T&P's that may be required in the work.
- d) All materials, labours, equipment's, T&P and heavy vehicle etc. required in the work shall have to be arranged by the bidder/contractor from his own sources in the event of allotment of the said work to him/them.
- e) Water to be used in the work should be clean and free from all impurities; the bidder should note that no water will be provided to them for the execution of the work from the department
- f) The department is also not bound to supply power that may be required in the execution of the work. However, subject to the availability of the power source near the vicinity of the work site, the department on payment of tariff as applicable at the time of execution of work may arrange one point near the work site.
- g) The bidder should clearly understand that all materials to be utilized in the work must confirm to the specifications. No substandard materials will be allowed to utilize in the work. Samples of each and every material to be brought to the site of work shall have to be get approved by the competent authority of the department before use.
- h) The contract must not be sublet under any circumstances. If any contractor found in doing so, his work liable to be terminated.
- i) The specification for the work shall be as per specification laid down in the items of work contained in the enclosed schedule of items of work or as per the APWD schedule of rates for Building (civil works), Sanitary and Water supply and internal electrification respectively (whichever is applicable) but, certain modification in the specification and method of

execution of work if required shall have to be carried out which shall be finalized with the contractor bilaterally through discussion.

- j) No labour below 18 years should be engaged and contractor should have labour licence from competent authority.

3. **PRICE BID: -**

- a) 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, delivery, testing of materials, construction, installation and completion of the Work. The rate should also include the cost of testing of materials at the approved laboratory, carriage and transportation of sample, preparation of report, submission of report in all respect as required by AEGCL. 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.
- b) Bidders are required to quote the price for the commercial, contractual and technical obligations outlined in the bidding document.
- c) **Bidders quoted price should include all cost of testing of materials, transportation of sample, storage, preparation and submission of report during approval period, construction period as well as after completion of the work.**
- d) Whenever forest produces like sand, stone, timbers etc are used in the work the contractor have to furnish documentary proof that requisite royalty on such produces has been paid to the concerned Department, otherwise will be deducted at source at applicable rate.
- e) Taxes like work contract, income tax etc. which need to be deducted at source as per the prevailing law, will be deducted at source.
- f) 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.

4. **SITE FACILITIES: -**

- a) AEGCL will not provide any accommodation at the work site to the contractor and their field personnel. No claim shall be entertained from the bidder for making his own arrangement for providing accommodation to the labours and bidder will bear entire expense. The same has to be arranged by the contractor on their own. However, AEGCL may provide space for

storage of the materials but responsibility of the material and their safety shall be taken care of by the Contractor. In case of non-availability of space under AEGCL the same should be arranged by the contractor outside AEGCL campus/work site at their own cost and responsibility.

- b) AEGCL shall not be responsible for the safety of the workers at site either on account of the works executed by the Contractor or on account of the works executed by any other agency involved at that time.
- c) AEGCL shall on no account be responsible for the expenses incurred by the Contractor during the progress of work at site, towards any incidental expenditure like medical amenities to the workers at site, security arrangements.
- d) The quoted price shall be deemed to include charges for all site facilities for labour that are considered necessary for execution of the work.
- e) No claim shall be entertained from the bidder for making his own arrangement for approach roads from outside PWD road to the site and bidder will bear entire expenses.
- f) AEGCL on no account shall be responsible for storage of materials or loss or pilferage or theft either in respect of the material stored or material already billed and paid for by the AEGCL.
- g) Any facilities available at site shall be utilized only with prior permission of AEGCL and it should not be taken as granted for availing such services.

5.

DEFECT AFTER COMPLETION OF WORK: -

- a) 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.
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.

6.

VARIATION AND DEVIATION OF QUANTITY: -

- a) The Tendered rates shall hold good for any variations in the Tendered quantities for legitimate completion of works as per original design on account of any modification in the bill of quantities.

b) **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.

7. LABOUR LEGISLATION: -

- a) The Bidder shall comply with the provisions of the Apprentices Act 1961, payment of Wages Act 1936, Minimum Wages Act 1948, Employees Liability Act 1938, Workmen's Compensation Act 1923, Industrial Disputes Act 1947, Maternity Benefits Act 1961, and the Contract Labour (Regulation and Abolition) Act 1970, Provident Fund Act or the modifications thereof or any other laws relating thereto and the rules made there under from time to time.
- b) The Bidder shall indemnify and keep indemnified AEGCL against payments to be made under and for the observance of the laws aforesaid and the Contractors' Labour Regulations without prejudice to his right to claim. The laws aforesaid shall be deemed to be a part of this contract and any breach thereof shall be deemed to be a breach of this contract.
- c) The Bidder shall at his own expense arrange for all the safety provisions for the safety of all workers and employees directly or indirectly employed on the work by the Bidder.
- d) The Bidder shall be fully responsible at his own expenses for compliance all the labour regulations and rules to be observed by them. The Bidder shall fully indemnify AEGCL against any action by the state and/or Central Government for any default or alleged default by the Bidder for violation of any of such rules and regulations. If, due to any default of the Bidder, AEGCL has to incur any expenditure for compliance of the rules and regulations or for any other reason connected with such default, AEGCL shall be entitled to recover from the Bidder all such expenditure in full from any payment due to the Bidder.

8. GOVERNMENT AND LOCAL RULES: -

- a) The Contractor shall conform to the provisions of all local bye-laws and acts relating to the work and to the regulations etc. of the Government and Local Authorities and of any Company whose system and design is proposed to be connected/utilized. The cost, 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.

9. ELIGIBILITY OF CONTRACTORS EMPLOYEES: -

- a) 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 personal should be submitted in corresponding Appendix.

10. ENGINEER AT LIBERTY TO OBJECT: -

- a) 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.

11. TAXES: -

- a) Any taxes, royalties and duties as per Govt. Law (Except GST) should be responsibility of the contractor and must be included in their quoted rate.

12. INSURANCE: -

- a) The bidder 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.

13. DAMAGE TO PERSON AND PROPERTY: -

- a) 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.

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 for damages from any sums due or to become due to the Contractor.

14. ACCEPTANCE OF BID AND CONTRACT AGREEMENT: -

- a) An agreement shall have to be drawn on non-judicial stamp of appropriate value with AEGCL by the selected bidder in AEGCL's General Conditions of Supply and Erection 2009 of contract within 15 (fifteen) days from the date of issue of the NoA.

Wherever there is any variation in between the conditions of AEGCL's General Conditions of Supply and Erection 2009 and the above terms & conditions, this bid conditions will supersede the conditions of AEGCL's General Conditions of Supply and Erection 2009.

15. STATUTORY AND SAFETY REQUIREMENT: -

- a) Each and every safety measure for MAN and MACHINE will be the sole responsibility of the Contractor without any prejudice. Compensation claims if any will also be the responsibility of the contractor without any prejudice.
- b) During the execution of the work, the contractor shall have to mark the site with banner warning/indicating precautions.
- c) The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:
- d) 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
- e) 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.

16. PAYMENT TERMS: -

- a) No advance/Mobilization advance shall be made in this contract.
- b) No claim for interest shall be entertained by AEGCL in respect of any money or balance which may be in AEGCL's hands owing to any dispute or difference or misunderstanding between the contractor and the AEGCL or due to the reason beyond the reasonable control of AEGCL.
- c) First and final bill shall be accepted for this work on completion of the entire work. Bill must contain certified
- d) Photocopies of the Site Register of up-to-date work executed and coloured photographs of work in sequence of execution duly signed with seal by the AEGCL.
- e) Final payment shall be released to the contractor only after completion of the work/final acceptance by AEGCL.
- f) Payment is subject to availability of specific fund.

- g) The Bidder / Firm will have to be submitted the following Net Banking details.
 - Banker's Name & Branch
 - Account No
 - Banker's address
 - Banker's IFSC Code
 - Banker's RTGS Code

17. ADDITIONAL WORKS: -

The Contractor shall, when ordered in writing by the concerned authority, perform extra work and furnish extra materials not required by the invitation or included in the "Bill of Quantities", but forming an inseparable part of the work concerned. For extra work and materials will ordinarily be paid for the lump sum or unit price/rates stated in the order. Whenever in the judgement of the concerned authority, it is impractical, because of the nature of the work or for any other reason to otherwise fixed the price/rate in order, the extra work and materials shall be paid for on the basis or actual necessary cost plus overhead and profit allowances as indicated hereunder.

The actual necessary cost will include:

- a) Market value of the materials utilized in the extra work, including taxes and duties, if any.
- b) Actual cost of handling and transportation of materials wherever applicable.
- c) Direct labour charges.

- f) Further supervision charges and profit will be allowed at 10% on the sum. In case any material or parts are furnished by the department no overhead and profit will be allowed on the value of such materials or parts.

18. RETENTION MONEY: -

- a) 10% retention money will be deducted from running bill if applicable, which will be released along with the final bill on completion of the work in all respect.

19. WARRANTY: -

- a) The term period of warranty shall mean the period of 18 months from the date of Taking Over of the Work by AEGCL. A Taking over Certificate (TOC) will be issued by the appropriate authority.
- b) The Contractor must handover the warranty card or other relevant documents from the OEM at the time of submission of the bill.

20. SUSPENSION OF WORK: -

- a) If the contractor persistently neglects to carry out his obligations under the contract and/or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by AEGCL subject to other provisions contained, AEGCL may without prejudice to his any other rights or remedy against the Contractor in respect of any delay in commencing, completing the work may serve notice in writing absolutely determine and cancel the Contract.

21. EXTENSION OF TIME: -

- a) Time is the essence of the contract. No extension of time shall be allowed except on valid reason after pre-approval from competent authority.

22. CHANGE OF NAME OF THE TENDERER: -

- a) At any stage after tendering, AEGCL shall deal with the Contractor only in the name and the address under which he submitted the tender. All the liabilities/ responsibilities for due execution of the contract shall be that of the Contractor.
- b) Any change/ alteration of name/ constitution/ organization of contractor shall be duly notified to the AEGCL and the AEGCL reserves the right to determine the contract, in case of any such notification.

23. DEATH, BANKRUPTCY ETC.: -

- ; If the Contractor becomes bankrupt or being a corporation is in the process of winding up, amalgamation or reorganization, the AEGCL shall be at liberty to:
- i. Terminate the contract forthwith by notice in writing to the Contractor or to the liquidator or receiver or to any person in whom the contract may become vested.
 - ii. Give such liquidator, receiver or other person the option of carrying out the contract subject to his providing a guarantee for the due and faithful performance of the contract up to an amount to be determined by the AEGCL.
- ¹ In case of death of the Contractor before completion of work and supply, the Engineer or AEGCL shall be at liberty to:
- a) Close up the contract and take over the completed portion of work done and made as per specification and make final payment to the legal heir of the Contractor on receipt of claim from such legal heir.
 - b) Give the contract to the legal heir of the Contractor subject to his depositing a performance security for the due and faithful performance of the contract. The performance security amount shall be determined by the AEGCL commensurate with the incomplete portion of the work. The AEGCL will enter into a fresh contract with the legal heir of the Contractor on the same terms and conditions of the earlier contract.

24. CONTRACTUAL FAILURE, LIQUIDATED DAMAGE AND PENALTY: -

- a) Liquidity Damages 0.5% of the amount of delayed work per week subjected to the maximum 10 % of the contract value.

25. TERMINATION OF CONTRACT: -

- a) 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.

26. PAYMENT ON TERMINATION: -

- a) In the event of termination of the contract, AEGCL shall be at liberty to get balance work done by any third party at the risk and cost of the contractor and due payment of the contractor, if any shall be released after the completion of whole of the works.

27. SUSPENSION OF BUSINESS DEALINGS WITH FIRMS/ CONTRACTORS: -

- a) AEGCL may suspend business dealings with a Firm/ Contractor, if: -
 - i. The Central Bureau of Investigation or any other investing agency recommends such a course in respect of a case under investigation; and if a prima facie case is made out that the firm is

guilty of an offence involving unethical, unlawful, fraudulent means in relation to business dealings, which, if established, would result in business dealings with it being banned.

- ii. AEGCL has past record of non-performance of the Firm in its previously awarded contracts.
- iii. AEGCL has record of ban against the Firm by other Government /Public sector utility.
- b) However, AEGCL shall give the Firm/ Contractor a fair chance to explain the circumstances of such previous suspensions.

28. BANNING OF BUSINESS DEALINGS WITH FIRMS/ CONTRACTORS: -

The AEGCL may ban business dealings with a Firm/ Contractor, if: -

- a) The owner (s) of the Firm/ Contractor is convicted by a court of law following prosecution for offences involving unethical, unlawful, fraudulent means in relation to business dealings.
- b) There is strong justification that the Firm has been guilty of malpractices such as, bribery, corruption, fraud, substitution of tenders, interpolation, mis-representation, evasion or habitual default in payment of any Government tax etc.
- c) The Firm continuously refuses to return government dues without showing adequate cause and government are reasonably satisfied that this is not due to reasonable dispute which would attract proceeding in arbitration or court of law.
- d) The Firm is found guilty of involving in unethical practices, such as:-
 - i. "corrupt practice" involving offering, giving, receiving or soliciting, directly or indirectly, of anything of value to influence the action of any such official/ party in procurement process or in contract execution.
 - ii. "fraudulent practice" involving misrepresentation or omission of facts in order to influence a procurement process or the execution of a contract to the detriment of the Employer.
 - iii. "collusive practice" involving a scheme among bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition.
 - iv. "coercive practice" involving harming or threatening to harm directly or indirectly, persons or their property to influence procurement process or the execution of a contract.

The AEGCL may sanction a Firm/ Contractor or its successor, including declaring ineligible, indefinitely or for a period of not less than 3 (three) years.

29. FORCE MAJEURE CONDITION

- a) 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.

30. SETTLEMENT OF DISPUTE AND ARBITRATION: -

- a) 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 respective District of work.

31. POLLUTION AND ENVIRONMENT: -

- a) 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.

32. ACCEPTANCE AND TAKEOVER: -

- a) 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 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.

(D) WORK SCHEDULE:

1. SITE HANDOVER: -

- a) Handing over of the work site will be done in presence of AEGCL Officials of concerned site and contractor or its authorized representative.
- b) The contractor has to submit the list of manpower along with contact numbers to be engaged for the work to the AEGCL Officials.
- c) The date of site handing over to be noted on the Site register duly signed by the AEGCL Officials and contractor or its authorized representative.

2. WORK COMMENCEMENT: -

The work should be started only after having the following documents.

- a) Site Register
- b) Measurement Book

- c) Drawings
- d) Specifications of item & schedule of Quantity
- e) Approved Material

3. SITE REGISTER: -

- a) It will be issued by the department along with the work order.
- b) It will be the responsibility of the Contractor to record and update the site register with details of Day-to-Day activities and other details.
- c) The days on which no work is carried out should be recorded in the site register with proper justification.
- d) Any instruction by AEGCL officials during site visit must be noted properly and should be jointly signed by the official and the contractor or its authorised representative.

In case of any disagreement, the Contractor must notify AEGCL in written.

- e) Any deviation in works must be properly noted in the site register by the Contractor along with proper justification for it.
- f) Progress report along with work completion percentage must be prepared by the Contractor on the basis of site register log and has to be submitted to AEGCL on 1st and 16th date of the month.
- g) Site register shall be verified from time to time by the Site In-charge and any anomalies found will be forwarded to higher authorities in written by the Site In-charge.

4. WORKING PROCEDURE:

- a) **All materials must be procured only after verification and approved at store by AEGCL or any authorised representative.**
- b) Any materials bought to the site of work without approval from AEGCL, those materials will not be accepted and cannot be used in carrying out the work.
- c) All the work must be carried out as per the directions of AEGCL and no deviation from the directions shall be allowed under any circumstances. In case of inevitable discourse, the contractor must get the deviation approved from the AEGCL.
- d) If any kind of unapproved deviations are observed during the course of the work, the contractor shall have to redo the work as per the direction of AEGCL at the cost of the Contractor.

- e) It shall be the contractor's responsibility to clear any unusable debris/left out materials from the AEGCL campus. No unwanted material can be left unattended by the contractor and the same must be cleared before handing over the site to AEGCL.
- f) The reusable or valuable dismantled materials during the work have to be shifted to a place as decided and directed by the AEGCL.
- g) Since multiple Agencies will be working on the same work site, there should be proper coordination between different contractors involved in the same project or related projects under AEGCL.
- h) The requirement of electricity and water for execution of mentioned work is in scope of the concerned contractor.

5. PERT CHART OR BAR CHART: -

The successful bidder within 10 (ten) days of NoA and before the contract is awarded will make out a detailed PERT Chart (priority wise) covering all activities along with detailed program chart on accepted scheme indicating various stages of execution, method of execution and completion of work in different stages keeping the period of completion in view and submit the same to the CGM, O&M, LAR for the consideration and approval.

(E) GENERAL SPECIFICATION OF WORK:

The work is to be executed as per specifications of the BOQ as provided by AEGCL. Any unauthorised deviation is strictly prohibited and any deviation is to be corrected by the contractor at his own risk and cost.

1. Site preparation: -

- a) 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 of by the contractor outside the AEGCL premises and serviceable materials to be stacked as per the directions of AEGCL officials.
- b) 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
- c) 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.
- d) 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.

- e) Any other work required for adequate preparation of the site for construction deemed necessary shall be carried out by the Contractor.

2. **Earthwork in excavation:** -Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming, dewatering etc. and removal of surplus earth with all lead and lifts as directed and specified including bailing out water where necessary as directed and specified.
3. **Brick soling:** - Brick soling in foundation and under floor should be provided with best quality jhama bricks as approved by Site Engineer.
4. **Plinth Wall and Plinth Filling:** - The plinth wall shall be thick brick/stone masonry works in cement mortar prop. 1:3 with cement plaster prop.1:4 on exposed faces with neat cement finishes. The outer plinth wall shall be 230mm thick and inner plinth wall shall be 112 mm thick.

Sand filling in plinth (height= 600mm) is to be done using suitable river sand or silt in layers not more than 150mm thick including all necessary watering, ramming, compaction etc. as directed by the Site Engineer.

5. **Plain Cement Concrete works:** -

- i. Plain Cement Concrete works must be carried out with coarse aggregates of sizes 13mm to 32mm in dry condition and dewatering should be carried out wherever necessary before placing of concrete.
- ii. The proportion of Plain Cement Concrete should be **1:3:6** or as specified in the drawing and design. The quality of the mix will have to be checked and approved by the Site Engineer.
- iii. Curing should be done properly and as per instructions of AEGCL.

6. **Damp proof course:** - Damp proof course of 25mm thickness is to be applied above the plinth wall with cement concrete in proportion 1:1.5:3 with graded stone aggregate of 10mm down nominal size including damp proof admixture in proportion as per direction of Site Engineer. Water proof cement additive shall conform to IS 2645.

7. **Anti-termite treatment:** - **Pre** construction anti - termite treatment should be applied at the bottom of foundation pits and walls on either side up to a height of 300mm from bottom of the excavation made for column plinth beam, wall, trenches etc. by applying the emulsion @ 5 (five) litres per square meter of the surface area before starting construction work (supplying of necessary tools and accessories by the contractor) as per the direction of the Department.

8. **Reinforcement:** -

- a) The Contractor shall procure all reinforcement steel required for the works, only from the **primary producers** (TATA/Shyam/Jindal/SAIL) manufacturing steel to the prescribed specifications of Bureau of Indian Standards or equivalent and licensed to affix ISI or other equivalent certification marks and acceptable to the Engineer-in-Charge. Necessary ISI list certificates are to be produced to Engineer-in-Charge before use on works. The unit weight and dimensions shall be as prescribed in the relevant Indian Standard specification for steel.
- b) All reinforcement shall be cleaned thoroughly by removing loose scales, oil, grease or other deleterious materials. The contractor shall obtain the approval of the Engineer-in-charge or his representative to the reinforcement when fixed in position before any concrete is deposited in the forms.
- c) Bars shall be bent cold or straightened in a manner to the satisfaction of the Engineer-in-charge or his representative. Bars bent during transport or handing shall be straightened before using on work. They shall not be heated to facilitate bending. Welding shall be done as per latest IS Code of practice.
- d) All reinforcement bars shall be cut and standard hooks for MS rounds made at ends and accurately placed in position as shown on the approved drawings. They shall be securely held in position before and during concreting by annealed binding wires used for binding the reinforcement which shall be of approved quality soft annealed iron wire not less than 1 mm (18SWG) size, conforming to IS:280.
- e) As far as possible, bars of full length shall be used. Where bars are required or permitted to be lapped by the Engineer-in-charge, or his representative, the over laps shall be staggered for different bars and located at points, along the span where bending moment is not maximum.
- f) The minimum grade of reinforcement to be used is Fe500.

9. Shuttering and Shoring: -

- a) 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.
- b) When the Shuttering is ready for commencing concreting, the Engineer in Charge shall check the shuttering work for their alignment, strength and general fitness.
- c) **If the Site Engineer is satisfied with the quality of shuttering, then may allow the contractor for pouring concrete.**
- d) **Poor or old shuttering should not be used. The Site Engineer at his own discretion may reject any shuttering material if found not satisfactory.**

10. Brick Masonry: -

- a) Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed by Engineer in-charge. Cement Mortar used should be in 1:4 proportion.
- b) The thickness of the masonry walls in superstructure shall be 112mm.
- c) The thickness of the walls shall be as per the approved drawings.

11. Reinforced Cement Concrete: -

- a) 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).
- b) Curing shall be done as per IS 456:2000 under the supervision of the Site in-charge.
- c) **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

The cube tests should be done to test the strength after 28 days.

- d) Cube moulds should be prepared for destructive testing randomly as per instructions giver by Site Engineer.
- e) Optimum quantity of water shall be mixed to produce the design mix/nominal mix concrete of required workability.
- f) Workability shall be such that the concrete surrounds and properly grips all reinforcement.
- g) 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.
- h) Usually for mass concrete in RCC works where vibrations are used the slumps shall be within 10mm to 25mm.
- i) The frequency of such tests and the natures of slumps shall be maintained within the limits specified by the Engineer-in-charge.
- j) The Engineer-in-charge also reserves the right to carry out slump tests independently at his own discretion.
- k) Cement shall have to be weighed from bulk stocks at site and not by bags. It shall be weighed separately from the aggregates.

- l) 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.
- m) Honeycombed RCC structure should be dismantled immediately and reconstructed.
- n) The mixing shall be done by mechanical means using mixer machine.

12 Cement: -

- a) The cement to be used shall be the best quality of its type.
- b) All cement shall be sampled and tested in accordance with Indian Standards.
- c) Cement shall be Ordinary Portland Cement as per I.S.269-1976 or Portland Pozzolana Cement as per I.S. 1489. The minimum grade of the Ordinary Portland cement to be used shall be OPC-43 grade and it shall conform to IS 269.
- d) 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.

The cement must be used within 3 months from the date of manufacture.

13 Curing: -

- a) 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.
- b) 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.
- c) Water should be sprinkled on the underside of beams and slabs for proper curing.

14 Plastering: -

- a) 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.

- b) Plaster work on new construction should be deferred as much as possible so as to let shrinkage reinforced concrete and masonry take place before plastering.
- c) General proportion for cement plaster should be 1:4.

15 Plinth Protection Works: -

- a) Plinth protection should be provided with bricks laid on edge and grouted with cement mortar 1:4 and finishing with cement pointing in prop 1:1 complete with a floating coat of neat cement finished.
- b) The plinth protection shall be provided up to a width of 500mm from the plinth wall

16 Plinth Drainage: -

- a) Drainage should be provided with brick work in cement mortar in proportion 1:5 with half brick side walls and 100mm thick C.C (1:3:6) base over one brick flat soling including 15mm thick cement plastering in prop. 1:3 finished with a floating coat of cement slurry as directed with necessary shuttering for sides and earth work in excavation of foundation trenches and refilling the sides after completion of work etc. as specified. (The size of drain should be minimum 300 mm wide and average 150 mm deep with bed slope 1 in 150 with initial depth of 100 mm.)

17 Cement plaster Skirting (for outer portion of the plinth wall):-

- a) The outer portion of the plinth wall is to be provided with cement plaster skirting with cement mortar in prop 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement including rounding of junctions with floor of 15mm thickness.

18 Retaining wall: -

- a) Stone masonry work in retaining wall, wing wall, abutment, foundation, steps, plinth etc. in cement mortar in prop 1:6 with levelling course of 1:6:12 with both faces hammer dressed including bonding, providing face stone, through stone and centering including racking of joints, curing and supplying and all carriage of stone as directed including payment of forest royalty and sales tax and carriage.
- b) 50 mm Dia PVC pipes shall be provided for weep holes @1.00 m interval on staggered manner as directed by the engineer in charge.

19 Painting on Steel surfaces: - All steel surfaces should be painted with one coat of primer and two coats of enamel paint.

Note: All other specifications and exact dimension shall be as per the approved drawings provided by AEGCL.

Appendix-1

Letter of Technical Bid

[Bidder's Letterhead]

Date:

Bid Identification No (s):

:

:

:

Invitation for Bid No.:

To:

We, the undersigned, declare that:

- (a) I/We have examined terms & conditions, technical specifications, detailed items of work etc. and have no reservations to the Bidding Documents.
- (b) I /We clearly understand that all materials, tools and plants, machineries, labours, 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.
- (c) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of 180 days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

Appendix-2

1. Letter of Price Bid

[Bidder's Letterhead]

Date:

Bid Identification No:

Invitation for Bid No.:

To:

We, the undersigned, declare that:

- (a) I/We have examined terms & conditions, technical specifications, detailed items of work etc. and have no reservations to the Bidding Documents.
- (b) My/our rates are quoted as per the specification laid down in the schedule of items of work, considering cost of design & preparation of structural drawing, materials, labours, haulage, taxes, royalty etc.
- (c) The total price of our Bid is the sum of:,
- (d) Discount offered (if any)
- (e) Our bid shall be valid for a period of 180 days from the date fixed for the submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
- (f) If our bid is accepted, we commit to obtain a performance security in accordance with the Bidding Document;
- (g) We understand that this bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed; and
- (h) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name

In the capacity of

Signed

Duly authorized to sign the Bid for and on behalf of

Date

Appendix-3
PROFILE OF THE BIDDER

Sl. No.	Particulars	To be filled by Bidder
a)	Name of the Bidder	:-
b)	Registration with Memorandum of Association	:-
c)	Financial statements for last 3(three) years (CA/CMA certified)	
d)	PAN	:-
e)	GST Registration number	:-
f)	Employees Provident Fund	:-
g)	Employees State Insurance Certificate	:-
h)	Labour License registration	:-
i)	Bank Solvency Certificate indicating the amount	:-
j)	Income Tax Return (for the last three years)	
k)	Date of Establishment/ Incorporation	:-
l)	Postal Address	:-
	House No.	:-
	Lane	:-
	Street	:-
	Town/Village	:-
	Post Office	:-
	P.S.	:-
	District	:-

	Pin code	:-
m)	Telephone Number	:-
	Mobile No.	:-
	E-Mail Address	:-
	Website	:-
n)	Name(s) of the Owners / Directors/Partners	:-
o)	Name of the Banker with Address and Telephone Number	:-
p)	Contact Person Details <i>(Furnish here name of that person with whom AEGCL may get in touch for more information or clarifications)</i>	Name:- Designation:- Mobile Number:- Email Address:-

Note: Bidder may attach additional sheets, if required.

Appendix-4

Price Schedules

PREAMBLE

General

1. The Price Schedules are divided into separate Schedules (enclosed in Appendix-7) as follows:

- | | |
|-----------------|---|
| Schedule No. 1: | Construction of boundary wall (college side, length: 30.00 metres) |
| Schedule No. 2: | Construction of boundary wall (front portion, length: 70.00 metres) |

2. The entered rates and prices shall be deemed to cover the full scope as specified in the bidding document, including overheads and profit.
3. If bidders are unclear or uncertain as to the scope of any item, they shall seek clarification prior to submitting their bid.

Pricing

1. Prices shall be filled in price schedule provided in the e-tendering portal. Hardcopies of the same are not required.
2. Bid prices shall be quoted on-line in the manner indicated in Schedules.
3. The prices shall be fixed and firm for the duration of the Contract.
4. Prices given in the Schedules against each item shall be for the scope covered by that item as detailed in the Bidding Document.

Appendix-5

Contract Execution Schedule

The Bidder shall indicate here his proposed Contract Execution Schedule if the contract is awarded to him. The Schedule shall match with the time for completion specified i.e., **3 (Three) months from the date of handing over of site**. The bidder must show each stage in detail. For example, supply period, foundation construction period, erection period, testing period etc.

Appendix-6

Bidders Qualification

To establish its qualifications to perform the contract the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder.

6.1 Form ELI - 1: Bidder's Information Sheet

Bidder's legal name	
Bidder's country of constitution	
Bidder's year of constitution	
Bidder's legal address	
Bidder's authorized representative (Name, address, telephone numbers, fax numbers, e-mail address)	
Attached are copies of the following original documents. 1) In case of single entity/firm, the names and address of the partners should be indicated and a copy of the certificate of registration with the concerned Registrar of firms should be enclosed with the Bid. 2) In case of single Company, the bidder is a Company, the company registration document along with Memorandum of Association should be submitted. ☐	

6.2 Form LIT - Pending Litigation

Each Bidder must fill in this form

☐ No pending litigation in accordance with Criteria that all pending litigation shall be treated as resolved against the Bidder and so shall in total not represent more than 50% percent of the Bidder's net worth.			
Year	Matter in Dispute	Value of Pending Claim in Rupees	Value of Pending Claim as a Percentage of Net Worth

6.3 Form FIN - 1: Financial Situation

Each Bidder must fill in this form

Financial Data for Previous 3 Years [Rupees]			
	Year 1:	Year 2:	Year 3:

Information from Balance Sheet

Total Assets			
Total Liabilities			
Net Worth			
Current Assets			
Current Liabilities			

Information from Income Statement

Total Revenues			
Profits Before Taxes			
Profits After Taxes			

- ☐ Attached are copies of financial statements (balance sheets including all related notes, and income statements) for the last three years, as indicated above, complying with the following conditions.
- All such documents reflect the financial situation of the Bidder or partner to a JV, and not sister or parent companies.
 - Historic financial statements must be audited by a certified accountant.
 - Historic financial statements must be complete, including all notes to the financial statements.
 - Historic financial statements must correspond to accounting periods already completed and audited (no statements for partial periods shall be requested or accepted).

6.4 Form FIN - 2: Average Annual Turnover

Each Bidder must fill in this form

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.

6.5 Form FIN – 3: Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total cash flow demands of the subject contract or contracts as indicated in **section B (4) of this document** with necessary supporting documents.

Financial Resources		
No.	Source of financing	Amount (Rupees)
1		
2		
3		

6.6 Form FIN – 4: Financial Requirements for Current Contract Commitments

Bidders (or each Joint Venture partner) should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments						
No.	Name of Contract	Employer's Contact (Address, Tel, Fax)	Contract Completion Date	Outstanding Contract Value (X) ^a	Remaining Contract Period in months (Y) ^b	Monthly Financial Resources Requirement (X/Y)
1						
2						
3						
4						
	Total Monthly Financial Requirements for Current Contract Commitments (CCC)					

^a Remaining outstanding contract values to be calculated from 14 days prior to the bid submission deadline.

^b Remaining contract period to be calculated from 14 days prior to bid submission deadline.

The availability of Financial Resources of the Bidder shall be assessed as follows:

Total Available Financial Resources from FIN – 3 **minus** the Total Monthly Financial Requirement for Current Contract Commitments (CCC) from FIN – 4 must be equal or greater than the Financial Resource Requirement for the Subject Contract as per Clause 2.2.3, Appendix-2 to ITB, to be qualified under the referred ITB Clause].

In case the bidder is a JV, separate filled in forms for each of the JV partners is to be submitted along with the Bid.

6.7 Form EXP – 1: General Experience of the bidder

Each Bidder must fill in this form

General Experience				
Starting Month Year	Ending Month Year	Years	Contract Identification and Name Name and Address of Purchaser Brief Description of the Works Executed by the Bidder	Role of Bidder

**6.8 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)

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

Beneficiary: Managing Director, AEGCL
Name and Address of Purchaser

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)

Appendix-7

SCHEDULE OF WORK

(To be filled up and submitted separately as part of the 2nd Envelope i.e. Part-II – Price BID)

From

.....
.....
.....

To

The Chief General Manager O&M (LAR),
AEGCL, 1st Floor, Bijulee Bhawan, Ghy-781001

Sub: - Submission of Tender for the Work – “Construction of collapsed boundary wall at 132kV BarnagarGSS,AEGCL”.

Ref: **Your Tender No.** AEGCL/MD/O&M(LAR)/2025/BARNAGAR GSS/Boundary Wall/Bid/002

Sir,

Having thoroughly examined all terms and conditions of the NIT and having clearly understood the scope and specifications of the work to be executed as incorporated in the tender specification,

I/We.....am/are submitting my/our rates for the work as follows in schedule I & II

Schedule-I

Name of Work:- Construction of boundary wall (College side) at 132kV GSS, AEGCL, Barnagar.					
Sl. No	Description of Item	Qty	Unit	Rate	Amount
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar				
	1.00 x 15.00 x 2.10 x 0.13 = 3.94	3.94	cum		
2	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : In cement mortar				
	1.00 x 13.00 x 0.45 x 0.45 = 2.63	2.63	cum		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) (a) In prop 1:3:6 aggregate by volume. Below tie beam				
	1 x 30.00 x 0.25 x 0.075 = 0.56 Total = 0.56	0.56	cum		
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more. Column Stirrup Tie Beam 4-12 mm 8 mm Mid Beam 4-10 mm 8 mm Top Beam 4-10 mm 8 mm				
	13 x 4 x 3.10 x@ 0.89 = 143.47 13 x 22 x 0.95 x@ 0.39 = 105.96 1 x 4 x 30.00 x@ 0.89 = 106.80 1 x 200 x 0.95 x@ 0.39 = 74.10 1 x 4 x 30.00 x@ 0.62 = 74.40 1 x 200 x 0.55 x@ 0.39 = 42.90 1 x 4 x 30.00 x@ 0.62 = 74.40 1 x 200 x 0.61 x@ 0.39 = 47.58 Total in Kg = 669.61	669.61	kg		
5	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass Column Tie Beam Mid Beam Top Beam				
	13 x 4 x 0.30 x 3.10 = 48.36 1 x 2 x 30.00 x 0.25 = 15.00 1 x 2 x 30.00 x 0.125 = 7.50 1 x 2 x 30.00 x 0.125 = 7.50 78.36	78.36	sqm		
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) (I) Using mixture machine. (A) In sub structure up to plinth level. Foundation, footing, columns with base tie and plinth beam, pile cap, base, base slab..... Not less than 100mm thick up to plinth level. (a) M20 or Prop 1:1.5:3 Column below plinth Tie Beam				
	13 x 0.25 x 0.25 x 1.000 = 0.81 1 x 30.00 x 0.25 x 0.250 = 1.88 Total = 2.69	2.69	cum		
7	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) Column above plinth Mid beam Top beam				
	13 x 0.25 x 0.25 x 2.100 = 1.71 1 x 30.00 x 0.125 x 0.125 = 0.47 1 x 30.00 x 0.125 x 0.250 = 0.94 = 3.12	3.12	cum		
8	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) : With Modular bricks Wall Less for Column				
	1 x 30.00 x 1.60 = 48.00 (a) Total = 48.00 (-) 13 x 0.25 x 1.60 = -5.20				

Schedule-I

	(b) Total = -5.20 = 42.80 Thickness 0.112 = 4.79	4.79	cum		
9	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) 2 x 30.00 x 2.10 = 126.00	126.00	sqm		
10	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete. 2 x 30.00 x 2.10 = 126.00	126.00	sqm		
11	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm) 2 x 60.00 x 2.10 = 252.00	252.00	sqm		
Total Rs.					
Say Rs.					

Signature of the Bidder

Schedule-II

Name of Work:- Construction of boundary wall (Front portion) at 132kV GSS, AEGCL, Barnagar.

No	Description of Item	Qty	Unit	Rate	Amount
1	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge. In cement mortar 1.00 x 70.00 x 2.10 x 0.13 = 18.38	18.38	cum		
2	Demolishing stone rubble masonry manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge : In cement mortar 1.00 x 29.00 x 0.45 x 0.45 = 5.87	5.87	cum		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:3:6 (1 Cement : 3 coarse sand (zone-III) derived from natural sources : 6 graded stone aggregate 20 mm nominal size derived from natural sources) (a) In prop 1:3:6 aggregate by volume. Below tie beam 1 x 70.00 x 0.25 x 0.075 = 1.31 Total = 1.31	1.31	cum		
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more. Column 29 x 4 x 3.10 x@ 0.89 = 320.04 Stirrup 29 x 22 x 0.95 x@ 0.39 = 236.38 Tie Beam 4-12 mm 1 x 4 x 70.00 x@ 0.89 = 249.20 8 mm 1 x 467 x 0.95 x@ 0.39 = 173.02 Mid Beam 4-10 mm 1 x 4 x 70.00 x@ 0.62 = 173.60 8 mm 1 x 467 x 0.55 x@ 0.39 = 100.17 Top Beam 4-10 mm 1 x 4 x 70.00 x@ 0.62 = 173.60 8 mm 1 x 467 x 0.61 x@ 0.39 = 111.10 Total in Kg = 1537.11	1537.11	kg		
5	Centering and shuttering including strutting, propping etc. and removal of form for Foundations, footings, bases of columns, etc. for mass Column 29 x 4 x 0.30 x 3.10 = 107.88 Tie Beam 1 x 2 x 70.00 x 0.25 = 35.00 Mid Beam 1 x 2 x 70.00 x 0.125 = 17.50 Top Beam 1 x 2 x 70.00 x 0.125 = 17.50 177.88	177.88	sqm		
6	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) (I) Using mixture machine. (A) In sub structure up to plinth level. Foundation, footing, columns with base tie and plinth beam, pile cap, base, base slab..... Not less than 100mm thick up to plinth level. (a) M20 or Prop 1:1.5:3 Column below plinth 29 x 0.25 x 0.25 x 1.000 = 1.81 Tie Beam 1 x 70.00 x 0.25 x 0.250 = 4.38 Total = 6.19	6.19	cum		
7	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) Column above plinth 29 x 0.25 x 0.25 x 2.100 = 3.81 Mid beam 1 x 70.00 x 0.125 x 0.125 = 1.09 Top beam 1 x 70.00 x 0.125 x 0.250 = 2.19 7.09	7.09	cum		
8	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level in cement mortar 1:6 (1 cement : 6 coarse sand) : With Modular bricks Wall 1 x 70.00 x 1.60 = 112.00 (a) Total = 112.00 Less for Column (-) 29 x 0.25 x 1.60 = -11.60 (b) Total = -11.60				

Schedule-II

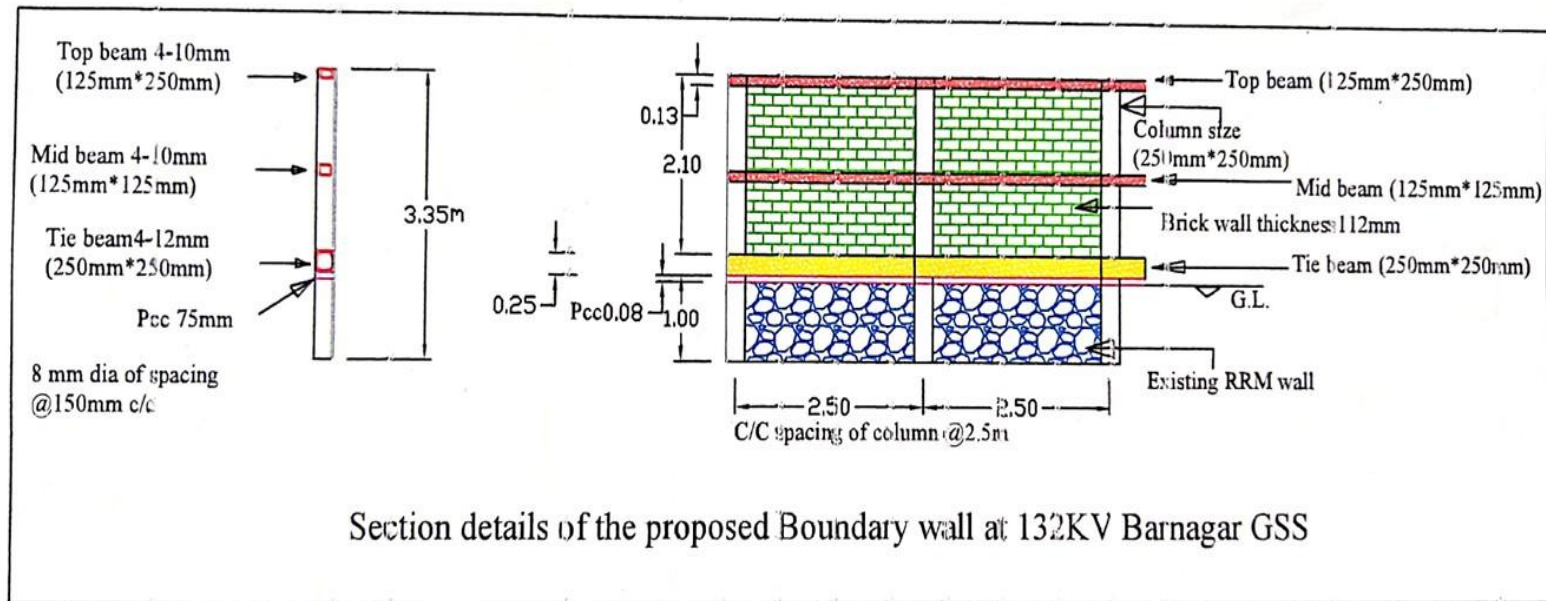
Name of Work:- **Construction of boundary wall (Front portion) at 132kV GSS, AEGCL, Barnagar.**

	Thickness	= 100.40 0.112 = 11.24	11.24	cum		
9	CEMENT PLASTER (IN FINE SAND) 12 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand)					
	2 x 70.00 x 2.10 = 294.00	294.00	sqm			
10	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.					
	2 x 20.00 x 2.10 = 84.00	84.00	sqm			
11	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)					
	2 x 90.00 x 2.10 = 378.00	378.00	sqm			
Total Rs						
Say Rs						

Signature of the Bidder

Appendix-8

Tentative section details of proposed boundary wall



Appendix-9

Checklist of major documents to be submitted by the bidders along with Technical Bid

(Bidders are requested to tick the boxes)

SL	Documents	Submitted	
		Yes	No
1	Bid security (A/C payee Demand draft/ Bankers Cheque pledged in favour of the Assam Electricity Grid Corporation Limited)		
2	Letter of Technical Bid mentioning bid validity		
3	Notarised power of attorney (Online and hardcopy)		
4	Experience Certificate of Bidder		
a)	General Experience (Along with completion certificate and Work Order) EXP-1		
b)	Specific Experience (Along with completion certificate and Work Order) EXP-2		
5	Financial Documents Bidder		
a)	Balance sheets of last 03 years		
b)	Turnover certificates from CA (last 03 years)		
c)	Cash Flow certificate along with supporting documents		
6	Appendices (FIN 1, FIN 2, FIN 3, EXP 1, EXP2, LIT etc as per bid)		
7	Detailed Completion schedule (Pert Chart)		
8	Company/Firm documents and licenses as applicable. (Partnership Deed, MOA, Electrical license, GST registration certificate, Labour license and insurance etc)		

Appendix-10

[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 ('____**Name of work**____') covering inter-alia supply of all equipment and 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

Appendix-11

STAMP(Rs. 100, Non Judicial)

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 '**Construction of collapsed boundary wall at 132/33 kV Barnagar GSS, AEGCL**' 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**1.1 Contract Documents****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 if any
- (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 if any.

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 bidding document as 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 of site handover

3.2 Completion Time

The whole works under the scope of this Contract shall be completed **3 (three) months** from the date of site handover.

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**]