

ASSAM ELECTRICITY GRID CORPORATION LIMITED

OFFICE OF THE DEPUTY GENERAL MANAGER

UPPER ASSAM T&T CIRCLE, GARMUR, JORHAT-07



TENDER DOCUMENT

NOTICE INVITING TENDER NO: AEGCL/DGM/UATTC/AEGCL's Own Source/T-31/2021/904,
dt: 30/07/2021

Name of work

**Construction of Beam and Column at 132kV Main Bus Section III at 220kV GSS,
AEGCL, Mariani**

Work Site

220kV GSS, AEGCL, Mariani

Tender cost amounting to Rs

Deposited in the form of

Vide

Issued to

Address

Signature of Contractor/Firm

Deputy General Manager
UAT&T Circle, AEGCL,
Garmur, Jorhat-07

- (A) **INFORMATION TO BIDDER:**
1. **NAME OF WORK: - Construction of Beam and Column at 132kV Main Bus Section III at 220kV GSS, AEGCL, Mariani**
 2. **LOCATION OF WORK:- 220kV GSS, AEGCL, Mariani**
 3. **TENDER ADDRESS:-Office of the DGM, UATTC, AEGCL, Garmur, Jorhat.**
 4. **BIDDING PROCEDURE:-**
 - a) All tenders shall have to be submitted in prescribed forms attached herewith eventually to be drawn up in the rules of AEGCL.
 - b) Two different envelopes to be used as follows.
Envelope-1: Bid document signed by bidder on all pages, Tender Document cost, Earnest Money, Techno-commercial data of the Bidder and other necessary documents must be enclosed.
Envelope-2: Price Bid
 5. **KEY DATES:-**
 - a) Bid Submission Start Time & date:- 12.00 Hrs. of **31/07/2021**
 - b) Bid Submission End Time & date:- 12.00 Hrs. of **20/08/2021**
 - c) Techno-Commercial Bid Opening Time & date:- 14.30 Hrs. of **20/08/2021**
 6. **TENDER PAPER COST AND MODE OF PAYMENT:-**

Bidder has to pay Non-Refundable tender document cost @ **Rs. 1000.00 (Rupees One thousand)** only in the form of DD in favour of the Managing Director, AEGCL, Bijulee-Bhawan, Paltanbazar, Guwahati-1, payable at Guwahati. The original copy of the DD/Banker's Cheque must be submitted along with relevant documents in the Envelope-1.
 7. **BID SECURITY/EARNEST MONEY AND MODE OF PAYMENT:-**
 - a) For participation in bidding procedure, participants must compulsorily pay the Bid Security of **Rs 22,000.00 (Rupees Twenty Two thousand)** only in the form of Fixed Deposit/Bank Guarantee/ in favour of the Managing Director, AEGCL, Bijulee-Bhawan, Paltanbazar, Guwahati-1, payable at Guwahati. The original copy of the Bid Security must be submitted along with relevant documents in the Envelope-1.
 - b) The bid security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required performance security.
 - c) The bid security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the performance security.
 - d) The bid security 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 Letter of Intent (LOI).
 8. **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.
 9. **TIME OF COMPLETION:-**
 - a) The allotted time of completion for the work is 180 days from the handing over of the site.
 10. **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.
 11. **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.
 12. **NEGOTIATION WITH BIDDER:-**
 - a) 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.
 13. **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.
 14. **RIGHT TO REJECT:-**
 - a) AEGCL reserves the right to reject any or all the bids without assigning any reason thereof and AEGCL further reserves the right to split up the work order in favour of more than one Contractor. 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.

1. ELIGIBLE BIDDERS:-

- a) A Bidder may be a private entity or a government-owned entity or any combination of such entity with the intent to enter into an agreement supported by a letter of intent or under an existing agreement in the form of a joint venture, consortium or association.
- b) **The bidders must have valid Class I Electrical license with HT Supervisor.**
- c) A Bidder, and all partners constituting the Bidder, shall have Indian nationality.

2. EVALUATION CRITERIA:-

- a) The Techno-Commercial Evaluation will be done on the basis of technical qualification, Financial qualifications and fulfilment of the legal conditions.
- b) The Price Bid of only Responsive Techno-Commercial Bidders will be opened and intimation will be issued in due course.
- c) **TECHNICAL QUALIFICATION:-**

1. In order to qualify technically for this Bid, the bidders have to furnish experience of similar nature of work executed within the last 7 years at any Govt. Deptt., PSU etc. conforming to **either of** the following requirements:

Sl No	Description	Amount not less than (Rs)
1	3 (three) similar completed works	4,40,000.00
2	2 (two) similar completed works	5,50,000.00
3	1 (one) similar completed work	9,00,000.00

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

2. FINANCIAL QUALIFICATION:-

- a) Minimum average annual turnover of **Rs 3,60,000.00 (Rupees Three lakh Sixty thousand)** only calculated as total certified payments received for contracts in progress or completed, within the last 3 (Three) Years, ending 31st March of the previous financial year. Audited Balance sheet must be furnished as a proof of annual turnover. Any other form of supporting documents instead of Audited balance sheet will not be accepted.

3. Current bank solvency certificate must be submitted to show the bidder's financial position.

- 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.

4. 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 Contractor in AEGCL's General Conditions of Supply and Erection 2009 of contract within 10 (ten) days from the date of issue of the LOI.
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.

5. PAYMENT TERMS:-

- a) No advance/Mobilization advance shall be made in this contract.
- b) No claim for interest shall be entertained by AEGCL.
- c) Final bill must contain the original site register.
- d) Final payment shall be released to the contractor only after completion of the work in all respect and final acceptance by AEGCL.
- e) Payment is subject to availability of specific fund.
- f) 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

6. RETENTION MONEY:-

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

7. **WARRANTY:-**

- a) The term period of warranty shall mean the period of 12 months from the date of Taking Over of the Work by AEGCL. A Taking over Certificate (TOC) will be issued by the appropriate authority.

8. **EXTENSION OF TIME:-**

- a) Time is the essence of the contract. No extension of time shall normally be allowed except on valid and genuine ground.

9. **CONTRACTUAL FAILURE, LIQUIDATED DAMAGE AND PENALTY:-**

- a) Liquidity Damages 1.0% (one percent) of the amount of delayed work per week subjected to the maximum 10 % of the contract value.

10. **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.

11. **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 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.

12. **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. 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.

(C) **GENERAL SPECIFICATIONS OF WORK.**

1. **SITE PREPARATION:-**

All works required for site preparation will have to be carried out by the contractor at his own expense, whenever directed by the Site In-charge.

- a) The Contractor shall clear the site of unnecessary vegetation to prepare the site for work only as per directions given by the Site In-charge.
b) Any unnecessary structures are to be demolished and serviceable materials to be stacked and stored as directed by AEGCL.

2. **SHUTTERING AND CENTERING:-**

- a) Shuttering for concrete shall be made of either metal or timber suitably lined and of substantial and rigid construction true to shape, alignment and dimensions as shown on the approved drawings

3. **REINFORCED CEMENT CONCRETE:-**

- a) Optimum quantity of water shall be mixed to produce the design mix/nominal mix concrete of required workability.
b) Workability shall be such that the concrete surrounds and properly grips all reinforcement.
c) 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.
d) Usually for mass concrete in RCC works where vibrations are used the slumps shall be within 10mm to 25mm.

4. **CONSTRUCTION JOINT:-**

- a) All construction joints horizontal or vertical shall be at predetermined position according to approved drawing or as directed by the Engineer-in-charge. Prior to commencement of fresh concreting over any construction joint which has set but hardened, the removal of laitance and roughening shall be done by wire brushing and washing and care shall be taken to avoid dislodgement of coarse aggregates.

5. **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.

6. **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 normal (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.

(D) **WORK SCHEDULE.**

1. **SITE HANDOVER:-**

- a) Handing over of the work site will be done in presence of Project Manager or its authorized representative, Resident Engineer, site engineer 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 Project Manager.
 - c) The date of site handing over to be noted on the Site register duly signed by the Project Manager or its authorized representative, Resident Engineer, site engineer and contractor or its authorized representative.
2. **WORK COMMENCEMENT:-**
The work should be started only after having the following documents.
- a) Work order
 - b) Site Register
 - c) Measurement Book
 - d) Drawings
 - e) Specifications of item & schedule of Quantity

BILL OF QUANTITY

Price Bid (To be provided in separate envelope)

Name of the work: **Construction of Beam and Column at 132kV Main Bus Section III at 220kV GSS,
AEGCL, Mariani**
(Rates quoted should be inclusive of GST)

Annexure-I

. No	Particulars	Qty	Unit	Rate inclusive of GST (Rs)	Amount (Rs)
1. Supply and fabrication of GI lattice structures					
1.1	Beam:				
1.1.1	Total Weight of beam Members	1.441	MT		
1.1.2	Galvanised Nuts & Bolts of beam Members	0.116	MT		
1.2	Column:				
1.2.1	Total Weight of Column Members	3.223	MT		
1.2.2	Total Weight of Nuts & Bolts of Column Members	0.527	MT		
2. Installation and other services(Freight & Insurance)					
2.1	Beam:				
2.1.1	Total Weight of beam Members	1.441	MT		
2.1.2	Galvanised Nuts & Bolts of beam Members	0.116	MT		
2.2	Column:				
2.2.1	Total Weight of Column Members	3.223	MT		
2.2.2	Total Weight of Nuts & Bolts of Column Members	0.527	MT		
3. Erection of superstructure including transportation					
3.1	Total Weight of beam Members	1.441	MT		
3.2	Total Weight of Column Members	3.223	MT		
4. Raiser for earthing of column and beam					
4.1	Earthing flats (75x10)mm GS	20	Mtr.		
4.2	Earth pit	2	Nos.		
Total (Rs.) =					

Annexure-II

Sl No.	Description	Unit	Qty.	Rate inclusive of GST(Rs.)	Amount (Rs.)
1	Hardware fittings for twin zebra conductor				
1.1	Tension clamps	Nos.	6		
1.2	Suspension clamps	Nos.	3		
1.3	Spacers (Zebra)	Nos.	8		
1.4	Tee clamp (Zebra)	Nos.	12		
1.5	Miscellaneous items	L/S			
2.1	Opening and lowering of existing 132kV Bus conductor	R/km	0.39		
2.2	Restranging of 132kV twin zebra conductor	R/km	0.195		
3.1	Cost of skilled labour (Fitter) for opening and replacing of re-jumpering work for isolators	Mandays	10		
3.2	Cost of unskilled labour	Mandays	20		
Total (Rs.)=					

Annexure-III

Sl No.	Description	Unit	Qty.	Rate inclusive of GST(Rs.)	Amount (Rs.)
1	Construction of Foundation for Column structure to the proposed new beam at 132 kV Main bus section-3 at 220kV EHV Grid Sub station, AEGCL, Mariani	2	Nos		
Total (Rs.)=					

Grand total of Annexure:

Annexure I	Annexure II	Annexure III	Grand Total (Rs)



Dy General Manager
UAT&T Circle, AEGCL, Garmur, Jorhat

Appendix-1

COVERING LETTER (ON THE BIDDERS LETTER HEAD)

To,
The Dy. General Manager,
UAT&T Circle, AEGCL,
Garmur, Jorhat-07

Sub: Submission of Tender.

Ref: -

1. NIT No:
2. Name of work:-

Sir,

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

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

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

Appendix-2

PROFILE OF THE BIDDER

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

Sl. No.	Particulars	To be filled by Bidder
a)	Name of the Bidder	:-
b)	Registration with Memorandum of Association	:-
c)	PAN	:-
d)	GST Registration number	:-
e)	EPF	:-
f)	IT clearance	:-
g)	Electrical License with class	
h)	Labour License registration	:-
i)	Date of Establishment/ Incorporation	:-
j)	Postal Address	:-
	House No.	:-
	Lane	:-
	Street	:-
	Town/Village	:-
	Post Office	:-
	P.S.	:-
	District	:-
	Pin code	:-
k)	Telephone Number	:-
	Mobile No.	:-
	E-Mail Address	:-
	Website	:-
l)	Name(s) of the Owners / Directors/Partners	:-
m)	Name of the Banker with Address and Telephone Number	:-
n)	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:-

Appendix-3

FINANCIAL QUALIFICATIONS

Following documents to be submitted with Techno-Commercial Bid (Envelope-1)

In order to techno-commercially qualify for this Bid, the bidders have to submit annual audit report for last 3 (three) years. The average of 3 (three) years will be considered for average annual turnover.

1. Financial Qualifications:
 - a) Minimum average annual turnover of Rs..... calculated as total certified payments received for contracts in progress or completed.
 - b) Minimum cash flow of Rs..... showing financial resources such as liquid assets unencumbered real assets, line of credit and other financial means. Bank solvency certificate to be submitted.

NB:- The Bidder may prepare extra sheet if required

Appendix-4

Price Bid

The rates quoted should be inclusive of GST and should be firm and legible. No overwriting will be allowed.

The rates should be quoted against each item specified in the BOQ.