

ASSAM ELECTRICITY GRID CORPORATION LIMITED

OFFICE OF THE DEPUTY GENERAL MANAGER

T&T CIRCLE, DIBRUGARH



Bid Identification no.

AEGCL/DGM/TTC/DBR/T-7/2024/1737, Dated: 08.01.2024

Name of work

Supply of 3 Nos of 220kV Bus PT at 220kV Tinsukia GSS, AEGCL

Tender cost amounting to
Deposited in the form of
Vide

Rs. 13,04,490.00

.....
.....

Issued to
Address

.....
.....

Signature of Contractor/Firm

Mousumee Bati

Deputy General Manager
T&T Circle, AEGCL,
Dibrugarh

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Signature of the Bidder

(A) **INFORMATION TO BIDDER:**

1. **NAME OF WORK:** - Supply of 3 Nos of 220kV Bus PT at 220kV Tinsukia GSS, AEGCL.
2. **LOCATION OF WORK:-** 220KV GSS, AEGCL, Tinsukia.
3. **TENDER ADDRESS:-** OFFICE OF THE DGM, TTC, AEGCL, DIBRUGARH.
4. **ESTIMATED VALUE FOR THE WORK :-** Rs. 13,04,490.00 (Rupees Thirteen lakh four thousand four hundred ninety) only including taxes.
5. **FUND:** O&M HQ (UAR) for FY 2023-24
6. **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
7. **KEY DATES:-**
 - a) Bid Submission Start Time & date:- 12.00 Hrs. of 10/01/24
 - b) Bid Submission End Time & date:- 14.00 Hrs. of 30/01/24
 - c) Techno-Commercial Bid Opening Time & date:- 14.30 Hrs. of 30/01/24
8. **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 must be submitted along with relevant documents in the Envelope-1.
9. **BID SECURITY/EARNEST MONEY AND MODE OF PAYMENT:-**
 - a) For participation in bidding procedure, participants must compulsorily pay the Bid Security of Rs. **25247.00 (Rupees Twenty Five thousand two hundred and forty seven) 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 after completion of the work./submission of the completion certificate.
 - c) The bid security of unsuccessful Bidders shall be returned as promptly as possible as the successful Bidder sign the contract agreement.
 - 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 letter of Acceptance (LOA) within 07 (Seven) days' time of issue of Letter of Intent (LOI).
10. **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.
11. **TIME OF COMPLETION:-**
 - a) The allotted time of completion for the work is 120 days from the handing over of the site.

12. **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.
13. **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.
14. **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.
15. **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.
16. **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) 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.
3. **TECHNICAL QUALIFICATION:**
In order to qualify technically for this Bid, the bidders have to furnish experience of work executed in 33 KV level and above within the last 7 years at any Govt. Deptt., PSU etc. conforming to **either of** the following requirements:

SI No	Description	Amount not less than (Rs)
1	3 (three) similar completed works	30% (Rs.3,91,347.00)
2	2 (two) similar completed works	40% (Rs.5,21,796.00)
3	1 (one) similar completed work	80% (Rs. 10,43,592.00)

4. **FINANCIAL QUALIFICATION:-**
a) Minimum average annual turnover of **30% (Rs. 3,91,347.00)** 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. Certified Balance sheet must be furnished as a proof of annual turnover.
5. 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.

6. **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.

7. **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

8. **WARRANTY:-**

- (i) The term period of warranty by the Supplier and Manufacturer shall be for a period of 18 months from the date of supply of equipments or 12 months from the date of installation of the equipments, whichever is earlier.
- (ii) The successful Bidder, to whom the work is awarded, shall be required to furnish a Manufacturer's Authorization, in the form attached with the Bidding Document in favour of the AEGCL.

9. **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.

10. **PERFORMANCE SECURITY (Contract Performance Guarantee)**

- a. As a Contract Performance Security, the successful Bidder, to whom the work is awarded, shall be required to furnish a Performance Guarantee from a Nationalized Bank, in the form attached with the Bidding Document (Appendix-4) in favour of the AEGCL. The guarantee amount shall be equal to ten percent (10%) of the Contract Price and it shall guarantee the faithful performance of the contract in accordance with the terms and conditions specified in these documents and specifications. The guarantee shall be valid up to 90 (ninety) days after the end of Warranty Period.
- b. In case the bidder fails to submit the Performance Security in the form of Bank Guarantee, an amount equivalent to 10% of the Contract Price shall be retained as Security Deposits which shall be retained up to 90 (ninety) days after the end of Warranty Period
- c. The performance guarantee shall cover additionally the following guarantees to the owner:
- d. The successful Bidder guarantees the successful and satisfactory operation of the equipment furnished and erected under the contract, as per the specifications and documents.
- e. The successful Bidder further guarantees that the equipment/material provided and installed by him shall be free from all defects in design, material and workmanship and shall upon written notice from the Owner fully remedy.
- f. The Contract performance Guarantee will be returned to the Contractor without any interest at the end of warranty period and written request from the contractor.

11. **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.
12. **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.
13. **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.
14. **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.

WORK COMMENCEMENT:-

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

- A) Work order
- B) Site Register
- C) Drawings
- D) Specifications of item & schedule of Quantity

C. TECHNICAL DATA SHEET FOR POTENTIAL TRANSFORMERS

A. GENERAL

SL No.	Item	Ratings and Particulars
1.	Nominal system voltage, kV	220
2.	Highest system voltage, kV	245
3.	Rated frequency, HZ	50
4.	System earthing	Effectively earthed
5.	Insulation levels	
	(a) Impulse withstand voltage: kVp	900
	(b) One minute p.f. Withstand voltage, kV(r.m.s)	395
6.	Short time current for one second, kA	40
7.	Minimum creepage distance, mm	6125 mm (25 mm/kV)
8.	Tan Delta at $U_m/\sqrt{3}$, (Max.)	Less than 0.5%

B. Inductive Voltage Transformer

SL No.	Item	Ratings and Particulars
1.	No. of Secondary Windings	3
2.	Transformation Ratio	
	a). Wdg.-1	$(220\text{kV}/\sqrt{3})/(110\text{V}/\sqrt{3})$
	b). Wdg.-2	
	c). Wdg.-3	
3.	Rated output, VA	
	a). Wdg.-1	500
	b). Wdg.-2	200
	c). Wdg.-3	200
4.	Accuracy Class	
	(a) Wdg-I	0.2
	(b) Wdg-2	3P
	(c) Wdg-3	3P
5.	Rated voltage factor	1.2 for continuous and 1.5 times for 30 sec.

Appendix-1

Documents to be submitted:

1. PAN card
2. Uptodate GST return.
3. IT return (last 3 years)
4. Electrical license
5. Labour license
6. Audited balance sheet of last 3 years (CA certified).
7. Supervisor license (if any)
8. Experience of the organisation as per format.
9. Annual Turnover as per format.
- 10.ID proof.
- 11.Contractor License.
- 12.Solvency certificate.
- 13.Bank Guarantee.
- 14.Manufacturer's authorization.
- 15.Manufacturer's warranty & Supplier's Warranty.

Appendix-2

COVERING LETTER (ON THE BIDDERS LETTER HEAD)

To,
The Dy. General Manager,
T&T Circle, AEGCL,
Dibrugarh

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-3**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 along with upto date GST to be submitted	:-
e)	Postal Address	:-
	House No.	:-
	Lane	:-
	Street	:-
	Town/Village	:-
	Post Office	:-
	P.S.	:-
	District	:-
	Pin code	:-
f)	Telephone Number	:-
	Mobile No.	:-
	E-Mail Address	:-
	Website	:-
g)	Name(s) of the Owners / Directors/Partners	:-
h)	Name of the Banker with Address and Telephone Number	:-
i)	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-4

Form-BG

Form of Bid Security (Bank Guarantee)

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

KNOW ALL MEN by these presents that We _____ [Name of Bank] of _____

_____ [Name of Country] having our registered office at _____ (hereinafter called "the Bank) are bound unto

_____ [Name of Employer] (hereinafter called "the Employer") in the sum of _____ for which payment will and truly to be made to the said Employer the Bank binds himself, his successors and assigns by these presents. SEALED with the Common Seal of the said Bank this day of __20__.

THE CONDITIONS of this obligation are:

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

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

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

DATE _____ SIGNATURE OF THE BANK _____

WITNESS _____ SEAL _____

(Signature, Name, and Address)

BILL OF QUANTITY

Price Bid (*To be provided in separate envelope*)

Name of the work: Supply of 3 Nos of 220kV Bus PT at 220kV Tinsukia GSS

Rates quoted should be inclusive of GST

For one GSS.

Sl. No.	Description of Work	Unit	Quantity	Rate (in Rs./ Unit)	Amount (in Rs.)
1	Supply of 245kV Bus PT IVT (IVT) with terminal connectors	Nos.	03		
Total Rs.					
GST @ 18% Rs.					
Grand Total Rs.					

In Words