

(46)

MINUTES OF PREBID MEETING

NIT No.	AEGCL/MD/Tech-1145/Aug Trafo/200MVA/T-7/2026/NIT Dated 20.01.2026
Name of the Work	Supply of 220/132/33kV, 200MVA Auto Transformers and Related Services for Tinsukia Substations of AEGCL (Package-T-7).
Funding Agency	Internal Source of AEGCL (Term Loan)
Venue & Date of Pre-Bid Meeting	Conference Room O/o the MD, AEGCL, 1st Floor, Bijulee Bhawan, Paltan Bazar, Guwahati-01 dated 29.06.2026

OPENING REMARKS:

Sri. Bikram Bordoloi, DGM (BD&T), AEGCL extended a warm welcome to all the prospective bidders and introduced his team.

The DGM (BD&T), AEGCL briefed on the package (T7) inviting the OEM for supply of 220/132/33kV, 200 MVA Transformers at various location of Upper Assam Region. The components included in the concerned package and the project's scope were explained and further requested the prospective bidders to table their queries for discussion. It was assured to the prospective bidders that comprehensive reply/clarifications shall be prepared and uploaded in the AEGCL site as well as e-tender portal in response to their raised queries on the bid document.

NAMES OF THOSE PRESENT (Attendance Sheet enclosed herewith):

1. FROM EMPLOYER:

1. Sri Balabanta Basumatary, CGM (O&M), CAR, AEGCL
2. Sri Rituparna Khargharia, GM (P&D), AEGCL
3. Sri Bikram Bordoloi, DGM (BD&T), AEGCL
4. Sri Prantik Pran Saikia, AGM (P&D), AEGCL
5. Sri Dhriti Lochan Hazarika, AGM (BD), AEGCL

6. Sri Joydeep Suklabaidya, DM (P&D), AEGCL
7. Sri Priyokit Bonikya, DM (BD) AEGCL

2. **FROM PROSPECTIVE BIDDERS:**

A. **BIDDERS THAT WERE PRESENT AT THE PRE-BID MEETING:**

1. Mr. Kunal Chatterjee from M/s Bharat Bijlee Ltd.
2. Mr. M. Mukherjee from M/s Bharat Bijlee Ltd.
3. Mr. Akash Dutta from M/s Bharat Bijlee Ltd.
4. Mr. Diganta Sharma from M/s Schneider Electric (Through VC)
5. Mr. Preetkamal Singh from M/s Schneider Electric (Through VC)
6. Smt. Priyanka Bhardwaj from M/s Schneider Electric (Through VC)
7. Mr. Ambar Niyogin from M/s CG Power (Through VC)

MEMBERS OF THE PRE-BID COMMITTEE:

1. Smt. Jayashree Devi, CGM (PP&D), AEGCL
2. Sri Balabanta Basumatary, CGM (O&M), CAR, AEGCL
3. Sri Arup Kalita, CGM (O&M), LAR, AEGCL
4. Smt. Rijumani Sarma, CGM (O&M), UAR, AEGCL
5. Sri Asish Hazarika, GM (M&PR), AEGCL
6. Sri Rituparna Khargharia, GM (P&D), AEGCL
7. Sri Bikram Bordoloi, DGM (BD&T), AEGCL
8. Sri Kashi Nath Baishya, DGM (F&A), AEGCL

The queries submitted by the prospective bidders were discussed by the Pre-Bid Committee and the observations made are as follows in Table-1.

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Table-1:**QUERIES ON BID DOCUMENT (INSTRUCTIONS TO BIDDERS, BDS, TECHNICAL ETC.)**

Addressing Pre-bid discussion and query on uploaded tender document issued by AEGCL for supply of 220/132/33kV, 200MVA Auto Transformers and Related Services at various GSS of AEGCL

ASSAM ELECTRICITY GRID CORPORATION LTD. (AEGCL)

Name of the Work: Supply of 220/132/33kV, 200MVA Auto Transformers and Related Services for Tinsukia Substations of AEGCL (Package-T-7)**Bid Identification Nos. -** AEGCL/MD/Tech-1145/Aug Trafo/200MVA/T-7/2026/BID, Dated 11.06.2026 (Package T-7)

SN.	Clause of Specification	Queries on Specification.			Clarification from AEGCL
1	Annexure – A 2.0, 1.0 Technical Particulars / Parameters of Transformers, (220/132/33 kV 160 MVA & 200 MVA 3- Phase Auto Transformer) of CHAPTER 1: TECHNICAL SPECIFICATION OF TRANSFORMER (UPTO 400kV CLASS) of BID VOLUME-II.	We offered the following on in context to the transformer supplied by in FY'26 : -			As per Bid Vol - II, Annexure – A 2.0
		SN. & Description	As per Tender	As per BHEL	
		4.1 : Rated Capacity LV (Tertiary)	No active loading is indicated.	NA	
		4.2: Voltage ratio	220/132 kV (without tertiary)	220/132 kV (No Tertiary)	
		Type of Transformer	Constant ohmic impedance Type	Constant percentage impedance Type	
		4.11: HV-IV Impedence at 75 Deg C	9.5% / 12.5% / 14.0%	13.75% / 12.5% / 11.25%	
		16. Vector Group (3-ph)	YNao	YNao	
		4.10: Tap Changer i) Type ii) Tap Range & steps iii) Location of Tap changer	OLTC -5% to +15% in the steps of 1.25% for 132kV variation On the 132kV line end	-15% to +10% of HV variation in the step of 1.25%, 20 Steps	

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2	Clause no. 1.3.7.5 & ITB 1.3.7.5 of Appendix to ITB-1 (Bid Data Sheet (BDS)) of Section - 1: Instruction to Bidders of BID VOLUME-I. And Clause no. 1.1.1.1 (Period of Completion) & Clause no. 1.3 (Time Schedule) of Section - 1: Instruction to Bidders and Form no. 5. Contract Execution Schedule of Section - 2: Bidding Forms of BID VOLUME-I.	With reference to tender enquiry for Supply of 2 Nos. of 200MVA, 220/132/33 kV Three Phase Auto Transformer and Related Services at Tinsukia Substations, please note that as per bid requirement "Price variation (PV) is applicable, however there is A Ceiling / Capping of Fifteen Percent (15%) on Positive Price Variation and no Ceiling /Capping on Negative Price Variation". In present market scenario, it is not possible to quote price with Fifteen Percent (15%) capping on Price Variation for transformer supply contract. The contract completion period for supply, supervision of erection, testing, and commissioning is specified as 18 months from the date of issue PO. Considering the long execution period and the prevailing market volatility in raw material prices, the firm price basis appears inadequate to realistically cover the escalation risk. As per IEEMA price variation indices, the variation during the last one year itself (April 2025 to April 2026) has been approximately 21.15%. Considering that the project execution spans over 18 months, the cumulative variation during the contract period may substantially exceed the basic quoted price. Further, the stipulated 18 months is only the tendered completion timeline. The actual execution and completion timelines often extend beyond the original schedule due to various site and project-related constraints. Such extensions further expose the bidder to heightened risks arising from raw material price volatility and market uncertainties over a prolonged duration. In view of this, we request you to kindly withdraw the Fifteen Percent (15%) capping on Price Variation and consider PVC without ceiling as per IEEMA without which we will not be able to submit our offer. Recent tender documents with PVC clause of various utilities is attached for ready reference.	As per the Bid.
3	"Bid Volume II" Cl. 1.3.1.3 Page 4 & 56 of 135+B13:F21	Constant percentage type impedance is given, however in Annexure A (2.0) Sr. no. 4.11, Constant Ohmic Impedances are provided as below, i. Z% = 12.5% (± IEC Tol.) @ Normal Tap ii. Z% = 9.5% (± IEC Tol.) @ Max Voltage Tap iii. Z% = 14% (± IEC Tol.) @ Min Voltage Tap Kindly confirm your requirement.	As per Bid Vol - II, Annexure – A 2.0 / Annexure – A 3.0 , as applicable. 1.3.1.3 The transformers shall in general have constant percentage impedance or constant ohmic impedance type as per bid documents voll-II (Annexure – A 2.0 / Annexure – A 3.0 , as applicable).
4	"Bid Volume II" Cl. 1.4.0 & Cl. 1.12.1.4 Page 5 & 11 of 135	In Cl. 1.4.0. it is given that Type test report of 10 years are acceptable, while in Cl. 1.12.1.4 Type test report of 5 years are required. Kindly confirm your requirement.	As per CEA " Guidelines for Type Test for Major Equipment of Power Sector" 2026.
5	"Bid Volume II" Cl. 1.29.0 & 1.42.0 Page 43, 50 & 51 of 135	Since NIFPES is considered in our offer, "Automatic Mulsifire System (or High Velocity Water Spray System)" is not in BBL scope.	NIFPS is in the scope of the bidder. HVWS not required.

[Handwritten signatures and initials in blue ink]

6	"Bid Volume II" Annexure T & BOQ1 Sr.no. 1 Page 107 Of 135	As per the specifications, "Oil Storage Tank" is mentioned as per BPS. However, the BPS do not include "Oil Storage Tank". Therefore, we have not considered Oil storage tank in our offer.	The Oil Storage Tank required for the Nitrogen Injection Fire Prevention System (NIFPS) only is within the scope of the successful bidder. No separate BOQ item has been provided for the Oil Storage Tank. The cost of the Oil Storage Tank shall be deemed to be included in the rates quoted by the bidder under the relevant BOQ items pertaining to the NIFPS. Accordingly, no separate payment shall be admissible or made for this item.
7	"Bid Volume II" Cl. 1.28.0 & Annexure N Page 41,97 & 98 Of 135	Since, BDV kit is not mentioned in BOQ, we have not considered BDV Kit in our offer. Kindly confirm your requirement.	As per BoQ. BDV kit not required.
8	"Bid Volume II" Annexure B page 64 Of 135	Current transformer details of 200MVA are not provided in specification. Kindly provide complete CT details if required.	Referred to Annexure-I along with this documents.
9	"Bid Volume II" Cl. No. 1.21.2, 1.24.0 & 1.29.0 Page 34, 35, 40, 41, 42 & 43 of 135	We will provide control cables only from transformer mounted protection devices to Marshalling Box. Any other type of interconnecting cables (i.e. FO cable, special cable, Power & control cables) & accessories between M.Box, OLTC DM & Digital RTCC panel, purchaser panel/control room/customer panel/SCADA shall not be in BBL scope. Also any type of optical cable and accessories from Ethernet switch to control panel /customer panel shall not be in BBL scope of supply.	All power and control cable from transformer and OLTC DM till Marshalling Box shall be in scope of bidder.
10	"Bid Volume II" Cl. No. 1.23.0, Page 38,39 &40 of 135	Suitable communication hardware including communication cables up to distance of 1km to communicate between digital RTCC relays shall not be in BBL scope of supply.	Screening cable for mA output shall be provided by the bidder.
11	General	Parallel operation shall be possible between offered/similar transformer as existing transformer details are not provided.	Parallel operation with existing transformer is not required.
12	General	Integration of any online monitoring instrument with SCADA/customer panel shall not be in BBL scope of supply.	Agreed.
13	"Bid Volume I" ITB 1.3.7.5, Page 16 , 17 of 79	The prices quoted by the Bidder shall be ADJUSTABLE for entire period of the Contract in accordance with Price Variation (PV) given in under ITB Clause 1.3.7.5. We propose for no positive ceiling due to the volatile market scenario.	As per the Bid.

14	"Bid Vol- I", Clause no. 2.5 (b)	As per bidding document specification Vol-I Cl. No. 2.5 (b) Manor items, AEGCL ask the Type test Report & Performance certificates of OLTC, NIFPES, Online DGA, online Dryout System, AVR relay etc. We request to AEGCL that these data will be provided to AEGCL after award of contract during drawing approval as per approved vendor list. As per this exercise we can avoid the delay in the bid tendering & minimize the documentation. Kindly accept our point to avoid any delay in bidding documents.	Agreed.
15	"BoQ", Sl. no. 1.07	As per BOQ Sl. No. 1.07, Rail Tracks for each transformer required. We request to AEGCL to provide the Length & Size of Rail Tracks for consideration the cost in our offer.	The Rail Tracks shall conform to Indian Railways Standard Specification IRS-T-12. The length and quantity of the Rail Tracks shall be as per the approved foundation design and site requirements.

Signature:

[Signature]
GM (M&PR)
O/o the MD, AEGCL

[Signature]

[Signature]

[Signature]
General Manager (P&D)
AEGCL, Bijulee Bhawan Campus
Paltanbazar, Ghy-01

[Signature]
B. Basumatary
CGM (O & M), CAR
O/O the MD, AEGCL

[Signature]

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Annexure-I

5.0 Parameters of Current Transformers for
(a) 200 MVA(3-ph), 220/132 kV;
(b) 160MVA(3-ph), 220/132 kV Auto-Transformers

Description	Current Transformer Parameters		
	HV Side	IV Side	Neutral Side
Ratio			
CORE 1	1000/1	1000/1	1000/1
CORE 2	600/1	1000/1	-
Minimum knee point voltage or burden and accuracy class			
CORE 1	1000V, PX/PS	1000V, PX/PS	1000V, PX/PS
CORE 2	0.2S Class 15VA ISF ≤ 5	0.2S Class 15VA ISF ≤ 5	-
Maximum CT Secondary Resistance			
CORE 1	1.5 Ohm	1.5 Ohm	1.5 Ohm
CORE 2	-	-	-
Application			
CORE 1	Restricted Earth Fault (REF)	REF	REF
CORE 2	Metering	Metering	-
Maximum magnetization current (at knee point voltage)			
CORE 1	100 mA	100 mA	100 mA
CORE 2	-	-	-

Notes:

- Parameters of WTI CT for each winding shall be provided by the manufacturer / contractor.
- The CTs used for REF protection must have the identical parameters in order to limit the circulating current under normal condition for stability of protection.