ASSAM ELECTRICITY GRID CORPORATION LIMITED
OFFICE OF THE MANAGING DIRECTOR
Regd. Office: (FIRST FLOOR), BIJULEE BHAWAN,
PALTANBAZAR; GUWAHATI - 781001
CIN: U40101AS2003SGC007238 GSTIN: 18AAFCA4973J9Z3
PHONE: 0361-2739520 Web: www.aegcl.co.in

CORRIGENDUM-III

BID IDENTIFICATION NO: AEGCL/MD/TECH-1217/SOPD 2025-26/BID

TENDER DETAILS/NAME OF WORK: Reconductoring of 132 kV Salakati-Kokrajhar 1st Circuit using HTLS Conductor

1. With reference to the above, the following in **Volume-2 of Bid Document** shall be as mentioned below:

a) **Clause 1.34, Clause 1.5 (Schedule-1(A)), Clause 1.6 (Schedule-1(A)), Clause 1.7 (Schedule-1(A)), Clause 1.10 (Schedule-1(A)), Clause 1.12 (Schedule-1(A)), Clause 1.24 (Schedule-1(A)), Clause 1.25 (Schedule-1(A)), Clause 1.31 (Schedule-1(A)), Clause 1.33 (Schedule-1(A)), Clause 1.10 (Annexure-B1), Clause 2.1 (b) (Annexure-B1), Clause 7.5.5, Clause 7.5.6, Clause 7.9.1, Clause 7.9.2, and Clause 7.9.4** shall be as per Bid document and CEA guidelines (latest revision/amendments).

b) **Clause 7.1.5** Maximum permissible conductor sag for 320 (132kV ACSR Panther) and 350 m (220kV ASCR Zebra) span conductor at 85°C operating temperature and nil wind corresponding to 50 Hz and at maximum alternating current 437 (132kV) amp and 900 (220kV) amp per conductor under ambient conditions specified above = 7.224m (132kV) and 8.435m (220kV). In case of HTLS conductor, the maximum sag for permissible conductor temperature and nil wind for continuous operation shall not be considered more than 7.224m (132kV) and 8.435m (220kV). The bidder shall also furnish the maximum permissible conductor temperature for short term operations including permissible duration of such short-term operation. (Not required for bus)

Technical Particulars of HTLS Conductor

The HTLS conductor shall meet the following minimum requirements:

Overall diameter of complete conductor	Not exceeding 21mm
Approx. mass of complete conductor (kg/km)	Less than or equal to 974 kg/km
Direction of lay of outer layer	Right Hand

2. Further, the following may be noted by the bidders for clarification:

Ambient Temperature	45°C (As per Bid Vol-1, Clause no. 3.3.0, Service conditions at Section-3)
Solar Radiation Absorption Coefficient	As per latest edition of IEEE 738 and CEA guidelines
Emissivity Coefficient	As per latest edition of IEEE 738 and CEA guidelines
Wind Velocity	As per latest edition of IEEE 738 and CEA guidelines
Solar Radiation	As per latest edition of IEEE 738 and CEA guidelines
Ampacity Calculation as per IEEE 738 – 2012 or 2023	As per latest edition of IEEE 738 and CEA guidelines

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Tension in Kgs for Sag-Tension Calculation	Sag Tension Calculation shall be performed by the EPC contractor based on the following conditions: i. Tension at everyday condition (32 deg, no wind): Shall not be more than 25% of the UTS of the conductor. ii. Sag at maximum continuous operating temperature (Corresponding to maximum ampacity & ambient condition): < 7.24 m (132 kV) iii. Tension at 32 deg full wind: <70% of UTS of conductor iv. E/w or OPGW Sag shall not be more than 90% of conductor sag at all ranges of temperature and no wind condition.

All other terms and conditions of the bid document shall remain same.

Sd/-
Chief General Manager (PP&D)
Assam Electricity Grid Corporation Limited

Memo No: AEGCL/MD/TECH-1217/SOPD 2025-26/17(a) Date: 20.03.2026

Copy to:

1. IT Cell, O/o the MD, AEGCL, for publication of the corrigendum in AEGCL's Website

Sd/-
Chief General Manager (PP&D)
Assam Electricity Grid Corporation Limited