



ASSAM ELECTRICITY GRID CORPORATION LIMITED

Regd. Office:(FIRST FLOOR), BIJULEE BHAWAN, PALTANBAZAR; GUWAHATI - 781001

CIN: U40101AS2003SGC007238 GSTIN: 18AAFCA4973J9Z3

PHONE: 0361-2739520 Web: www.aegcl.co.in



No: AEGCL/MD/O&M (LAR)/SAS UPGRADE BILASIPARA GSS/2/January/2025/RFP

Date: 27/02/2025

REQUEST FOR PROPOSAL(RFP)

For & on behalf of the Managing Director, AEGCL, the Chief General Manager (O&M) LAR invites sealed proposal along with budgetary offer (quotation) from reputed manufactures of Substation Automation System (SAS)/ third party independent vendors having sound technical and financial capabilities for the following works:

1. Offer for Upgradation/Replacement of existing Substation Automation System (Make: Alstom) at 132KV Bilasipara GSS, AEGCL as per AEGCL terms and condition in Annexure-I.
2. Offer for Annual Maintenance Contract of 10 (ten) years.
3. Offer for upgradation of SAS within next 10 Years along with scope for addition of new feeder bays (whenever required)

Basic Details:

Name of work:	Upgradation/Replacement of existing Substation Automation System at 132KV Bilashipara Grid Substation of AEGCL
Inviting Authority:	Chief General Manager (O&M) LAR, AEGCL
Address:	AEGCL, Bijulee Bhawan, Paltanbazar, Guwahati, Assam-781001
Email:	cgmom.lar@aegcl.co.in
AEGCL Contact Person for site visit:	1. Bibek Baruti, Deputy Manager, T&C Division, Dhaligaon, AEGCL, Ph: 7002238466 2. Abu Hachan Shah, Deputy Manager, 132KV Bilasipara GSS, AEGCL, Ph: 7002018676

In this regard, the following points may be noted:

1. Time of delivery: **120 days (4 months) from the issue of Work Order**
2. **Delivery Location: 132KV GSS AEGCL, Bilasipara, udmari, District-Dhubri, Assam, India.**
PIN-783348
3. The participants may submit queries in the mentioned email id for clarification (if any)
4. The Proposal/offer along with terms and conditions should be enclosed in a sealed envelope and reach the office of the undersigned by 27/02/2025
5. The interested participants are requested to conduct a site visit before submitting the offer (if required)



ASSAM ELECTRICITY GRID CORPORATION LIMITED

Regd. Office:(FIRST FLOOR), BIJULEE BHAWAN, PALTANBAZAR; GUWAHATI - 781001

CIN: U40101AS2003SGC007238 GSTIN: 18AAFCA4973J9Z3

PHONE: 0361-2739520 Web: www.aegcl.co.in



6. The undersigned on behalf of AEGCL reserves the right to withdraw the RFP, accept or reject any or all proposals without assigning any reason thereof and he is not bound to accept the lowest value of the quoted rates.

7. Address for sending the proposal:

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

Floor/Room number: **First Floor, Bijulee Bhawan, Paltanbazar**

City: **Guwahati (Assam), PIN Code: 781001 Country: India**

Phone: 8910083722

Chief General Manager (O&M) LAR
AEGCL, Bijulee Bhawan,
Paltan Bazar, Guwahati -1.

Memo No.: AEGCL/MD/O&M (LAR)/SAS UPGRADE BILASIPARA GSS/2/January/2025/RFP Date: 27/02/2025

Copy to:

1. P.S to the Managing Director, AEGCL, Bijulee Bhawan, Guwahati for kind information to the MD
2. The CGM (T&C and Comm), AEGCL, Narengi, Guwahati-26 for kind information
3. The GM (T&C and Comm), AEGCL, Narengi, Guwahati-26 for information
4. The GM, LAZ, AEGCL, Narengi, Guwahati-26 for information.
5. The DGM, Bongaigaon, T&T Circle, AEGCL, Dhaligaon for information.
6. The DGM, LA MRT AEGCL, Narengi, Guwahati-26 for information.
7. The AGM, T&C Division, Dhaligaon, AEGCL for information
8. The AGM, 132KV Dhaligaon Division, AEGCL for information.

Chief General Manager (O&M) LAR
AEGCL, Bijulee Bhawan,
Paltan Bazar, Guwahati -1.



ASSAM ELECTRICITY GRID CORPORATION LIMITED

OFFICE OF THE MANAGING DIRECTOR

Regd. Office: (FIRST FLOOR), BIJULEE BHAWAN, PALTANBAZAR; GUWAHATI - 781001

CIN: U40101AS2003SGC007238GSTIN: 18AAFCA4973J9Z3

Email: cgmom.lar@aegcl.co.in Web: www.aegcl.co.in

Annexure-I

Terms and Conditions

- a) The OEM/ third party independent vendors should have minimum 3 (three) years of experience of SAS upgradation at Central/state/private transmission utilities.
- b) The OEMs / Third party independent vendors should provide performance certificate from concerned transmission utility for successful SAS operation of at least 3 (three) years of experience.
- c) The SCADA provided by the OEMs / Third party independent vendors must be equipped with different logical function which may be required to get incorporated to achieve the particular task.
- d) The process of implementation of a new/upgraded Substation Automation System should be in line with the international standard IEC 62443-2-4. The SCADA provided by the OEMs / Third party independent vendors must have independent database to record various metering and other important data
- e) The SCADA provided by the OEMs / Third party independent vendors must have provision/interface, supported by a suitable compiler, for incorporating logic input by AEGCL.
- f) The upgraded version of SAS should be compatible with existing IEDs / relays. The OEMs / Third party Vendor should be able to integrate the existing IEDs / Relays with the new / upgraded SAS version.
- g) The HMI(Main) of the new/Upgraded SAS should work as independent and should take data directly from the existing IEDs on IEC61850.
- h) The new / upgraded SAS should have interoperability with different make IEDs including the Existing IEDs on IEC 61850.
- i) The OEMs / Third party independent vendors should provide a warranty of 18 (Eighteen) months.
- j) The OEMs / Third party independent vendors should provide an AMC of 10 (ten) years with a scope of upgradation of SAS within next 10 Years along with scope for addition of new feeder bays (whenever required)