

ASSAM ELECTRICITY GRID CORPORATION LIMITED

OFFICE OF THE MANAGING DIRECTOR

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

CIN: U40101AS2003SGC007238GSTIN: 18AAFCA4973J9Z3

PHONE: 0361-2739520 Web: www.aegcl.co.in Email: cgm.ppd@aegcl.co.in

IFB No.: AEGCL/MD/Tech-868/Amingaon GIS/2022/Retender/IFB

Date: 08.12.2022

Invitation for Bid (IFB)

1.0 The ASSAM ELECTRICITY GRID CORPORATION LIMITED, ("the Purchaser") invites **online bids** (Through E-tendering portal) from eligible bidders for the work-
"TURNKEY CONSTRUCTION OF 2X50 MVA, 132/33KV GIS (GAS INSULATED SUBSTATION) AT EXISTING 220/132KV AMINGAON GIS."

1.1. Bidders shall be required to bid for the complete Package and no part offer shall be accepted.

1.2. The brief description of scope of Works covered under this Bidding Document is furnished below:

- Design, Supply, Erection, Testing and Commissioning of two nos. of 132kV GIS bays for 2x50MVA 132/33kV transformers and Extension of existing 132kV GIS Bus in the existing GIS Hall of 220/132 kV Amingaon GIS as per tender drawings, documents and BoQ along with GIS duct drawn up to HV side of transformers, associated support structures, SF6 Air Bushing, associated Civil Works, Earthing of GIS Modules etc. and other job necessary for complete ETC of the Transformer GIS Bays.
- Design, supply, erection, testing and commissioning of 2X50 MVA, 132/33KV transformers along with other AIS Equipment like Surge Arrestors, Cable Termination etc. along with support structures and associated civil works like design and construction of transformer Pad, Sump Pit, Earthing, gravelling, foundation works of Equipment structures etc. and other job necessary for complete ETC of the Transformer and HV/LV Bays.
- Design, supply, erection, testing and commissioning of 33KV indoor VCBs with inhouse bus bars, panels etc. along with construction of 33 kV control room building, Cable Trenches and incoming/outgoing 33kV Bays as per tender drawings and BoQ, complete with design, supply and ETC of AIS Equipment, Support Structures, Gantry Structures, associated civil works, Earthing works and other job necessary for complete ETC of 33kV Bays.
- Design, supply, erection, testing and commissioning of CRPs as per Tender drawings, documents and BoQ along with integration with the Existing SAS.

Integration of Line and Transformer Bays under present scope with existing Sub Station Automation System for MHMI and RHMI: The scope of the Bidder shall include but not limited to integration of IEDs under present scope of construction with the existing substation automation as per tender drawings and documents, which is based on IEC 61850 and capability enhancement of same as required including up-dating of system database, displays, development of additional displays and reports for all signals related to Transformer, Bays etc. as per requirement. Furthermore, supply of Ethernet switches and other equipment for integration with existing SAS shall be included in the scope of the Contractor.

All SAS integration work should be carried out in presence of existing SAS OEM authorized personnel, arrangement of SAS OEM authorized personnel under the scope of the contractor.



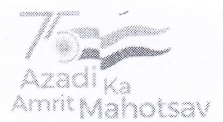
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Any upgradation of hardware and software for above integration shall be in the scope of contractor including license upgradation (if any). Validity of upgraded license should be minimum 10 years.

- Extension of Switchyard, extension of Earthing mat, Lighting arrangements, Lightning Protection etc.
- Construction of roads, trenches, drains and other related civil works etc.

1.3 This Bid Identification Nos. as follows:

AEGCL/MD/Tech-868/Amingaon GIS/2022/Retender/BID

Bidders may obtain further information from the office of the Chief General Manager (PP&D), AEGCL, First Floor, Bijulee Bhawan, Paltanbazar, Guwahati-1, Assam [Fax:3612739513 and phone: 3612739520], e-mail: cgm.ppd@aegcl.co.in (Subject: Turnkey -132/33 kV Amingaon GIS Retender); Web: www.aegcl.co.in].

[To gain time for preparation of their Bids, intending bidders may also inspect or download the Bidding Document by visiting the website, www.aegcl.co.in or <https://assamtenders.gov.in>. However, for participation in bidding procedure, a bidder must compulsorily pay the tender fee. The bidders should also note that only the bidders who have submitted tender fee will be invited for participation in pre-bid meeting, if any.]

- 2 Though, viewing & downloading of the bid document is free of cost, for participation in bidding procedure bidder has to pay a non – refundable tender fee of **INR 1000.00** only in form of a Demand Draft/Banker's cheque in favour of “**Assam Electricity Grid Corporation Limited**” or via online mode in the Assam e-tender portal- <https://assamtenders.gov.in> .
- 3 For E-tendering, a ‘**Single Stage Two-Envelope**’ bidding procedure will be adopted comprising of (1) Techno-commercial bid and (2) Price bid. Both the bids must be submitted online through e-tendering portal <https://assamtenders.gov.in>. Technical proposals which are submitted by non-qualified bidders or which are not substantially responsive to the requirements of the Bidding Document shall be rejected. The price proposals of only those Bidders, whose technical proposals are found responsive to the requirements of the Bidding Document, shall be opened on a future date which shall be notified in due course of time.
- 4 **Qualification of the Bidder**
 - 5.1 To be qualified for award of Contract, bidders must compulsorily meet each of the criteria in the area of experience, financial position etc. as described in Appendix to ITB-2, Section-1 of the Bidding Document.
 - 5.2 The interested Bidders are advised to visit the office of the Managing Director or the web site mentioned above to know these criteria.



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6 Submission of Bids

- 6.1 All bids must be submitted in accordance with the instructions to the Bidders on or before **12:00 Hours on 28.12.22** and the technical proposals will be opened in the portal after **14:00 Hours of 19.12.22**.
- 6.2 All bids must be accompanied by the tender fee of **INR 1,000.00**. A bid security amounting to INR 61,00,000.00/- in the form of Bank Guarantee or via online mode in the Assam e-tender portal- <https://assamtenders.gov.in> . Bid security shall have to be valid for **30 days beyond the validity of Bid**.
- 6.3 Scanned copy of the bid security BG in PDF format must be uploaded as part of techno-commercial bid. However, the bid security payment receipt in original shall have to be submitted to the office of the Managing Director, at least 1(one) hour prior to schedule time of bid opening.
- 6.4 The bidder should submit the hard copies of the following documents in a separate physical envelope at least 1(one) hour prior to bid submission deadline. Techno-commercial bids shall not be opened if these five documents aren't submitted in hard copy before the bid submission deadline and the bid shall be rejected.
 - a) Letter of Technical Bid;
 - b) Written confirmation of authorization to commit the Bidder (i.e., Notarized Power of Attorney)
 - c) Bid Security
 - d) Evidence of online submission of Tender Fee
 - e) Registered JV agreement, if applicable.
- 6.5 AEGCL will not be responsible for any costs or expenses incurred on the preparation or delivery of the Bids.

7 Clarification Regarding Technical bid:

- 7.1 To assist in the examination, evaluation, and comparison of the Technical and Price Bids, and qualification of the Bidders, the Purchaser may, at its discretion, ask any Bidder for clarification of its bid or to resubmit any shortfall documents. However, the following may be noted in this regard.
- 7.2 Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered.
- 7.3 All clarifications or shortfall documents shall be submitted through the e-tendering portal only. No other means of communication shall be considered unless specified by the bidder.

8 Opening of Bids

- 8.1 AEGCL reserves the right to cancel/withdraw the invitation for Bids without assigning any reason & shall bear no liability whatsoever consequent upon such a decision.
- 8.2 Only those bidders whose Technical Bid is found substantially responsive and acceptable to the requirements of the Bidding Documents shall be considered for opening of Price Bid (price



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proposal). The date and time of opening of Price Bid shall be communicated to those bidders whose bids are qualified for opening.

9 SPECIAL NOTE TO BIDDERS:

- 9.1 Bidder must create user ID in the web portal <https://assamtenders.gov.in> in order to participate in the e-tender.
- 9.2 A Bidder will be required to Encrypt and Sign online bid using their own Digital Signature Certificate (Class-II or higher with both Signing and Encryption Certificates). Prospective Bidders must procure DSC before participating in the tenders or in order to login into the portal <https://assamtenders.gov.in>.
- 9.3 A Bidder must download the Bidding Documents from the mentioned portal and both Technical & Price bid must be submitted through **online mode only** along with all scanned copy supporting documents (suggested scan at 150 dpi in PDF with a file size up to 10MB). The documents should be duly signed, scanned and **uploaded with meaningful name**. However, AEGCL may ask bidder to submit hard copies of GTP, Drawing, Manufacturer authorization of the major items and any other documents if deemed necessary.
- 9.4 A Bidder will be required to pay a Non-Refundable Service Fee (Online only) in order to participate in the bidding process.
- 9.5 Service provider/AEGCL will not be responsible for misplacement/delay in receipt of either request for e-bidding OR instrument copy sent by post.
- 9.6 Bidder can Re-work/Edit their bids before closing date of the tender. Bidders are advised to submit/re-work their bids well advance in time to avoid any last-minute unforeseen hassle.
- 9.7 For other information regarding bid submission, bidders may refer to the Assam Government e-procurement portal <https://assamtenders.gov.in>.

10 All the corrigendum/addendum will only be published on <https://assamtenders.gov.in> and www.aegcl.co.in. Bidders are advised to regularly visit the sites for any updates.

11 AEGCL is not bound to accept the offer of lowest bidder. The undersigned reserves the right to accept or reject any or all the bids without assigning any reason thereof.

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