

Invitation of quotation  
for

Supply of PLS- CADD Standard+ FE(SAPS) latest Version  
At  
Assam Electricity Grid Corporation Limited

Inquiry No.: : AEGCL/MD/T-1063/PMGS-E/2022-23/5.

Inquiry Issue Date : Date: 20/03/2023

Last Date of Submission : Date 30/ 03 /2023, 03:00 PM



Backbone of Assam  
Power Network

**Assam Electricity Grid Corporation Limited**  
1<sup>ST</sup> FLOOR, BIJULEE BHAWAN, PALTAN BAZAR, GUWAHATI-01.  
Website: [www.aegcl.co.in](http://www.aegcl.co.in)  
Email: [cgm.ppd@aegcl.co.in](mailto:cgm.ppd@aegcl.co.in)

**SCHEME: PM GATISHAKTI 'Procurement of Simulation and Design Software including Hardware, under Part II (PM Gatishakti related Expenditure) of "Scheme for Special Assistance to States for Capital Investment for 2022-23"**

Fees-Rs 1000/-  
EMD: Rs 96000/-

**Quotation Inviting Authority**

*h*  
*22/03/2023*

Chief General Manager (PP&D),  
AEGCL, Bijulee Bhawan, Guwahati-01

Sealed Quotations are hereby invited by the undersigned on behalf of the Managing Director, AEGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-01 for Supply of PLS- CADD Standard+ FE(SAPS) latest version with minimum 3 year license for the Corporation as per terms & conditions mentioned below. The filled quotations along with all the required document must reach in the office of the undersigned on or before 30/03/2023, 03:00 PM. The Envelope containing the quotation would please be sealed and super scribed as under:-

**Terms & Conditions:**

1. The quotations received after this deadline & unsealed shall not be entertained under any circumstances whatsoever. In case of postal delay this Corporation will not be responsible. **The offer Submitted Fax/Email/Courier etc shall not be considered and no correspondence will be entertained in this matter.**
2. Quotations must be in the enclosed prescribed Proforma on the letter head of the firm duly signed by the Proprietor/ Partner/ Director or their authorized representative, in case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation. Quotation must be dropped in “**Quotation Box**” located at AEGCL, Bijulee Bhawan, Paltan Bazar, Ghy-01 of AEGCL (Incase of Offline) or online refer to webpage [www.assamtender.gov.in](http://www.assamtender.gov.in) of NIC.
3. Rates must be quoted in **Indian rupees** and as per the format specified taxes extra if any must be written separately.
4. Rates must be quoted FOR basis (including Freight charges, Insurance, installation etc.)
5. No overwriting or cutting is permitted in the rate. If found, the quotation shall be summarily rejected.
6. The rates quoted must be valid for 60 days minimum from the date of opening of the quotation and silence of any tendered on this issue shall be treated as agreed with this condition.
7. Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
8. RTGS/NEFT details need to be furnished by the supplier with the quotation on the letter head of supplier/firm/agency.
9. The firm/agency may satisfy the following conditions and attach self-attested copy of the same with the quotation:
  10. Firm shall be registered. (Trade License)
  11. The firm shall have valid GST No.
  12. Documentary proof of Annual Turnover More Than Rs 50 Lakhs.
  13. Fees Rs 1000/- (Non-Refundable) and EMD- Rs.96000/- (Refundable) in a form of DD/BC/BG only in favour of AEGCL shall be submitted. Failing of this led to rejection of your offers.
  14. The quotationer should be either OEM(Original Equipment Manufacturer) ie Bentley System. or a reseller duly authorized by Bentley. Quotationer shall submit authorization letter from Bentley in this regard.
  15. Quotationer should have Bentley certified Engineers for proper Installation. Their certificates should be enclosed.
  16. Necessary arrangements should be provided to make the engineers of AEGCL, familiar with new version of PLS- CADD Standard+ FE(SAPS) latest, through induction training, workshop etc. AEGCL shall only provide the training hall facility. All other cost etc. to be provided by the quotationers.
  17. Submission of PAC certificate from the OEM/Dealer/Distributor.
  18. MSME bidder is exempted from submission of EMD only.

**The firm should not be black listed by any Govt. Agency/Dept.**

Quotations qualified by such vague and indefinite expressions such as “subject to prior confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and rejected accordingly. Any conditional quotation shall be rejected summarily.

**Delivery Period** – within 30 days from Purchase order.

**Liquidated Damage:** - If the supplier fails to deliver the material on or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.

**Payment Terms:** Payment will be only after satisfactorily delivery, installation, submission of license details, training and after inspection by the AEGCL. Payment will be only after satisfactorily delivery and after inspection by the AEGCL.

**Disputes:** -In the event of any dispute or disagreement arising between the contractors and any other department of AEGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-01 with regards to the interpretation of “Terms & Conditions” of this inquiry, the same shall be referred to the Managing Director, AEGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-01 whose decision will be final and binding upon the contractor.

AEGCL reserves the right to increase or decrease quantity and / or amount of work. Decision of Quantity of material in the AEGCL will be final in this regard.

AEGCL reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of the AEGCL will be final in this regard.

**Special Terms & Conditions:**

**Bidder must quote the product as per specification provided in Annexure 1.**

**Catalog must be attached with quotation for technical evaluation.**

**The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AEGCL, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.**

Encl.: Annexure 1 (Specification) Annexure 2 (Format of price bid)

S. No	Particular	Qty.
1	PLS- CADD Standard+ FE(SAPS) latest version with minimum 3 year license alongwith in house training/hands on training for 3-5 days as mentioned above.	2Nos

**Specification:**

PLS CADD shall be of latest standard + FE (SAPS) version. Beta version of the software shall not be acceptable. Also, Training shall be provided at AGCL office. The following features shall be present in the software:

1. Built in ruling span sag-tension
2. Generates structure loading trees
3. Links to structure application for analysing structure
4. Spot structures and string wires for entire line
5. Models all wires attached to a single structure
6. Includes terrain and surface modelling
7. Allows vector and raster image attachments
8. Automatically creates Plan & Profile sheets
9. Creates construction staking reports
10. Creates sag and tension tables
11. Creates stringing charts
12. Material management system
13. Links to 3rd party databases
14. IEEE 738 and Cigre Brochure 207/601 and TSP 2009 based thermal rating
15. Electric and magnetic field calculations
16. Electrical line constants calculator
17. Checks terrain clearances
18. Checks wire clearance to PLS-POLE or TOWER structures (including guys & strain insulators)
19. Checks clearance between wires
20. Creates galloping ellipses
21. Offset clipping reports
22. Aerial image importing from internet sources
23. Terrain data importing from internet sources
24. Jumper modelling
25. Structure deflections can be made to influence sag & tension calculations
26. Structure loading and wire clearances can be made to account for structure deflection
27. Interaction between spans can be considered for sag & tension and loading calculations
28. Graphical sagging of conductor to match LiDAR and survey data points
29. Terrain and Other Data, all the required Engineering Calculations, Sag-Tension and Conductors, Finite Element Sag-Tension, Drafting, Thermal rating, merging projects, Transmission Line Vegetation Management, Elevated Temperature Creep, Snub Loading and Stringing Load Case Adjustments, Tips for Working With Image & Vector Attachments etc shall be present.

**[On the letterhead of firm]**

To,

**ANNEXURE "2" PRICE BIDFORM**

The CGM (PP&D, AEGCL,  
Bijulee Bhawan, Paltan  
Bazar, Guwahati-01

Dear Sir,

I/We ..... Submitted the quotation for Enquiry No. "QUOTATION FOR PLS- CADD Standard+ FE(SAPS) software latest version at **AEGCL AGAINST THE INQUIRY NO. AEGCL/MD/T-1063/PMGS-E/2022-23/5.**" **DUE ON** \_\_\_\_/\_\_\_\_/2023, 03:00 PM AEGCL, Bijulee Bhawan, Paltan Bazar, Guwahati-01

I/We thoroughly examined, understood and accepted terms & conditions given in the enquiry document, failing which my quotation will be rejected out rightly. I/We hereby offer to supply at the following rates.

S.No	Particular	Qty.	Price/Unit Exclusive of GST (INR)	GST/Other Taxes	Price/ Unit Inclusive of GST (INR)	Total Cost Inclusive of GST (INR)	Amount
1	PLS-CADD Standard+ FE(SAPS) software latest version with lifetime license as single user with a in house training/hands on training for 3-5 days by authorized trainer for PLS.	2Nos.					

**Note:-**

The bidder must quoted their quotation only in above said format on the letter of firm otherwise quotation will be REJECTED.

Catalog must be attached with quotation for technical evaluation.

The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AEGCL, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.

Date__	(Name)_____
Place .	Name of Firm/Company/Agency
	GSTIN No.: __
	Bank Name:- _
	Bank Account No.: ____
	IFSC Code:- _
	Branch Name:
	Phone No.____
	Email: _
	(Signature of Authorized Person) _____
	Seal: _