***ASSAM ELECTRICITY GRID CORPORATION LIMITED***

*OFFICE OF THE DEPUTY GENERAL MANAGER*

*UPPER ASSAM T&T CIRCLE, AEGCL,GARMUR, JORHAT-07*

**

**TENDER DOCUMENT**

**NOTICE INVITING TEDER NO: AEGCL/DGM/UATTC/Deposit for Diphu Medical/T-31/2023/ Dated:**

**Name of work**

**Augmentation of 33kV Main Bus from Single Wolf to Single Zebra a3t 132kV GSS, AEGCL, Diphu.**

Tender cost amounting to Rs ……………….

Deposited in the form of …………………..

Vide ………………….

Issued to …………………..

Address ………………….

Signature of Contractor/Firm Deputy General Manager

UAT&T Circle, AEGCL,

Garmur, Jorhat-07

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | **INFORMATION TO BIDDER:** | | |
|  |  | **NAME OF WORK: Augmentation of 33kV Main Bus from Single Wolf to Single Zebra at 132kV GSS, AEGCL, Diphu.** | | |
|  |  | **LOCATION OF WORK:- 132 kV GSS, AEGCL, Diphu.** | | |
|  |  | **TENDER ADDRESS:-**Office of the DGM, UATTC, AEGCL, Garmur, Jorhat-07. | | |
|  |  |  | | |
|  |  | **BIDDING PROCEDURE**:- | | |
|  |  | All tenders shall have to be submitted in prescribed forms attached herewith eventually to be drawn up in the rules of AEGCL. | | |
|  |  | Two different envelopes to be used as follows. | | |
|  |  | **Envolope-1**: Bid document signed by bidder on all pages, Tender Document cost, Earnest Money, Techno-commercial data of the Bidder and other necessary documents must be enclosed. | | |
|  |  | **Envolope-2**: Price Bid | | |
|  |  | **KEY DATES**:- | | |
|  |  | Bid Submission Start Time & date:- | 12.00 Hrs. of **/12/23** |  |
|  |  | Bid Submission End Time & date:- | 12.00 Hrs. of **/01/24** |  |
|  |  | Techno-Commercial Bid Opening Time & date:- | 14.30 Hrs. of **/01/24** |  |
|  |  | **TENDER PAPER COST AND MODE OF PAYMENT:-** | | |
|  |  | Bidder has to pay Non-Refundable tender document cost @ **Rs. 1000.00 (Rupees One thousand)** only in the form of DD in favour of the **Managing Director, AEGCL, Bijulee-Bhawan, Paltanbazar, Guwahati-1**, payable at **Guwahati**.The original copy of the DD must be submitted along with relevant documents in the Envelope-1. | | |
|  |  | **BID SECURITY/EARNEST MONEY AND MODE OF PAYMENT:-** | | |
|  |  | For participation in bidding procedure, participants must compulsorily pay the Bid Security of **Rs. 39,000.00 (Rupees Thirty Nine thousand )** only in the form of Fixed Deposit/Bank Guarantee/ DD/in favour of the **Managing Director**, AEGCL, Bijulee-Bhawan, Paltanbazar, Guwahati-1, payable at Guwahati. The original copy of the Bid Security must be submitted along with relevant documents in the Envelope-1. | | |
|  |  | The bid security of the successful Bidder shall be returned as promptly as possible after completion of the work./submission of the completion certificate. | | |
|  |  | The bid security of unsuccessful Bidders shall be returned as promptly as possible as the successful Bidder sign the contract agreement. | | |
|  |  | The bid security may be forfeited:- | | |
|  |  | if a Bidder withdraws its bid during the period of bid validity period. | | |
|  |  | if the successful Bidder fails to sign the Contract within the specified period. | | |
|  |  | if the successful Bidder fails to furnish letter of Acceptance (LOA) within 07 (Seven) days’ time of issue of Letter of Intent (LOI). | | |
|  |  | **VALIDITY OF BID:-** | | |
|  |  | Bid shall remain valid for the period of 180 days after the submission deadline date prescribed by AEGCL. In exceptional circumstances, prior to the expiration of the Bid validity period, AEGCL may request Bidders to extend the period of validity of their bids. The request and the responses shall be made in writing. | | |
|  |  | **TIME OF COMPLETION:-** | | |
|  |  | The allotted time of completion for the work is 90 days from the date of site hand over. | | |
|  |  | **DISCLAIMER:-** | | |
|  |  | AEGCL is not committed contractually in any way to those Bidders whose Bid are accepted. The issue of this Bid does not commit or otherwise oblige AEGCL to proceed with any part or steps of the process. | | |
|  |  | **LANGUAGE OF BID:-** | | |
|  |  | The Bid, as well as all correspondence and documents relating to the bid exchanged by the Bidder and AEGCL, shall be written in the English and / or Assamese language. | | |
|  |  | **NEGOTIATION WITH BIDDER:-** | | |
|  |  | The AEGCL reserve the right to hold negotiations with lowest bidder if AEGCL feels the quoted rates of particular item(s) are unreasonably high. The bid must be valid, eligible and technically acceptable and considered for award of contract. | | |
|  |  | **VERIFICATION OF DOCUMENTS:-** | | |
|  |  | AEGCL reserves the right to verify the documents submitted by the bidders with issuing authority and if any abnormalities are observed in the same, their bids will be rejected. | | |
|  |  | **RIGHT TO REJECT:-** | | |
|  |  | AEGCL reserves the right to reject any or all the bids without assigning any reason thereof and AEGCL further reserves the right to split up the work order in favour of more than one Contractor. AEGCL also reserves the right to reject the lowest or any other price without assigning any reason. The clauses which are not appearing in this Bid document will be as per The General Condition of Supply and Erection 2009 of AEGCL. The General Condition of Supply and Erection 2009 of AEGCL is available in the AEGCL’s website [www.aegcl.co.in](http://www.aegcl.co.in). | | |
|  |  | **ELIGIBILITY QUALIFICATION.** | | |
|  |  | **ELIGIBLE BIDDERS:-** | | |
|  |  | A Bidder may be a private entity or a government-owned entity or any combination of such entity with the intent to enter into an agreement supported by a letter of intent or under an existing agreement in the form of a joint venture, consortium or association. | | |
| c)  d) |  | A Bidder, and all partners constituting the Bidder, shall have Indian nationality.  The bidder must have experience of execution of work of similar nature previously. The bidder must submit experience and Performance Certificate for scrutiny by AEGCL.  A person, Firm or any other prospective bidder who is involved in fraud, unethical practices or barred from submitting bids by AEGCL or any sister concerns of AEGCL i.e. APDCL & APGCL will not be allowed to participate in the bids. If such cases are detected after submission of the bids, in later stages of the bidding process, then such bids will be rejected outright. | | |
|  |  | **EVALUATION CRITERIA:-** | | |
|  |  | The Techno-Commercial Evaluation will be done on the basis of technical qualification, Financial qualifications and fulfilment of the legal conditions. | | |
|  |  | The Price Bid of only Responsive Techno-Commercial Bidders will be opened and intimation will be issued in due course. | | |
|  |  | **TECHNICAL QUALIFICATION:-** | | |
|  |  | In order to qualify technically for this Bid, the bidders have to furnish experience of similar nature of work executed within the last 7 years at any Govt. Deptt., PSU etc. conforming to **either of** the following requirements:   |  |  |  | | --- | --- | --- | | Sl No | Description | Amount not less than (Rs) | | 1 | 3 (three) similar completed works | 5,85,000.00 | | 2 | 2 (two) similar completed works | 9,75,000.00 | | 3 | 1 (one) similar completed work | 16,00000.00 |   If the nature of work and value differs from the above stated conditions, it will not be considered while evaluation of technical qualification. | | |
|  |  | **FINANCIAL QUALIFICATION:-** | | |
|  |  | Minimum average annual turnover of **Rs 10,00,000**.00 **(Rupees Ten Lakh )** only calculated as total certified payments received for contracts in progress or completed, within the last 3 (Three) Years, ending 31st March of the previous financial year. Certified Balance sheet must be furnished as a proof of annual turnover. Current bank solvency certificate must be submitted to show the bidder’s financial position. | | |
|  |  | **DEFECT AFTER COMPLETION OF WORK:** | | |
|  |  | The contractor shall make good at his own cost and to the satisfaction of AEGCL all defects, or other faults which may appear during the defect liability period.  In default, AEGCL may employ and pay other agency or persons to amend and make good such damages. Losses and expenses consequent thereon or incidental thereto shall be made good and borne by the contractor, failing which the same shall be recoverable from the payment due to the contractor and performance guarantee. In the event of amount due and performance guarantee being insufficient, the balance amount will be recovered from the contractor from the amount due or retained for other works executed in AEGCL. | | |
|  |  | **ACCEPTANCE OF BID AND CONTRACT AGREEMENT:-** | | |
|  |  | An agreement shall have to be drawn on non-judicial stamp of appropriate value with AEGCL by the selected Contractor in AEGCL’s General Conditions of Supply and Erection 2009 of contract within 10 (ten) days from the date of issue of the LOI.  Wherever there is any variation in between the conditions of AEGCL’s General Conditions of Supply and Erection 2009 and the above terms & conditions, this bid conditions will supersede the conditions of AEGCL’s General Conditions of Supply and Erection 2009. | | |
|  |  | **PAYMENT TERMS:-** | | |
|  |  | No advance/Mobilization advance shall be made in this contract. | | |
|  |  | No claim for interest shall be entertained by AEGCL. | | |
|  |  | Final bill must contain the original site register. | | |
|  |  | Final payment shall be released to the contractor only after completion of the work in all respect and final acceptance by AEGCL. | | |
|  |  | Payment is subject to availability of specific fund. | | |
|  |  | The Bidder / Firm will have to be submitted the following Net Banking details.   * Banker’s Name & Branch * Account No * Banker’s address * Banker’s IFSC Code * Banker’s RTGS Code | | |
|  |  |  | | |
|  |  |  | | |
|  |  | **WARRANTY:-** | | |
|  |  | The term period of warranty shall mean the period of 12 months from the date of Taking Over of the Work by AEGCL. A Taking over Certificate (TOC) will be issued by the appropriate authority | | |
|  |  | **EXTENSION OF TIME:-** | | |
|  |  | Time is the essence of the contract. No extension of time shall normally be allowed except on valid and genuine ground. | | |
|  |  | **CONTRACTUAL FAILURE, LIQUIDATED DAMAGE AND PENALTY:-** | | |
|  |  | Liquidity Damages 1.0% (one percent) of the amount of delayed work per week subjected to the maximum 10 % of the contract value. | | |
|  |  | **TERMINATION OF CONTRACT:-** | | |
|  |  | If the performance of the contract is not satisfactory and not corrected within 15 days of receiving notice, then employer shall be at liberty to terminate the contract and get the work executed through other means at the risk and cost of the Contractor. | | |
|  |  | **FORCE MAJEURE CONDITION** | | |
|  |  | Force Majeure condition shall be considered as any circumstances beyond reasonable control of the party claiming relief, including but not limited to strikes, lockout, civil commotion, riot insurrection, hostilities, mobilization, war, fire, flood, earthquake, malicious damage or accidents could entitle contractor to extension time. Any such delay should intimated within 10 (ten) days from the beginning of such delay to consider/approved, any claim without prior information may not be considered under force Majeure. | | |
|  |  | **SETTLEMENT OF DISPUTE AND ARBITRATION:-** | | |
| 12.  a. |  | Any dispute arising out of the contract will be first settled bilaterally between AEGCL and Contractor. In case, dispute cannot be settled bilaterally, it will be referred to arbitration. The contractor shall not stop the work during settlement of any dispute. All disputes shall be subjected to the jurisdiction of District Court of respective District of work.  **ACCEPTANCE AND TAKEOVER:-**  When the term of contract shall be fully complied with completing all works as per approved drawing and technical specifications to the satisfaction of the Department for a period as applicable, the Contractor/Firm shall have to submit Performance Certificate to the office of the undersigned after the satisfactory completion of the work through the executing authority for finalization of the work/payment as well as for the final acceptance and taking over the completed work and to issue the necessary certificate thereof. | | |
|  |  | **GENERAL SPECIFICATIONS OF WORK.** | | |
|  |  | **SITE PREPARATION:-** | | |
|  |  | All works required for site preparation will have to be carried out by the contractor at his own expense, whenever directed by the Site In-charge. | | |
|  |  | The Contractor shall clear the site of unnecessary vegetation to prepare the site for work only as per directions given by the Site In-charge. | | |
| 2.  a.    b.    c.    d.  3.    a.  4.  a.    b. . |  | Any unnecessary structures are to be demolished and serviceable materials to be stacked and stored as directed by AEGCL.  **SITE FACILITIES:**  AEGCL will not provide any accommodation at the work site to the contractor and their field personnel. The same has to be arranged by the contractor on their own. However, AEGCL may provide space for storage of the materials but responsibility of the material and their safety shall be taken care of by the Contractor. In case of none availability of space under AEGCL the same should be arranged by the contractor outside AEGCL campus/work site at their own cost and responsibility.  AEGCL shall not be responsible for the safety of the workers at site either on account of the works executed by the Contractor or on account of the works executed by any other agency involved at that time.  The bidder shall make his own arrangement for arranging power supply as may be required for work. AEGCL may, however assist in recommending his/their application to the Electricity Supply Utility for the power supply on payment basis as per norms of the Electricity Supply Utility.  Any facilities available at site shall be utilized only with prior permission of AEGCL and it should not be taken as granted for availing such services.  **SITE HANDOVER:-**  Handing over of the work site will be done in presence of Project Manager or its authorized representative, Resident Engineer, site engineer and contractor or its authorized representative  **SCOPE OF THE WORK:-**  In general, the scope covers the **Augmentation of 33kV Main Bus from Single Wolf to Single Zebra at 132kV GSS, AEGCL, Diphu**. The Scope of Works shall include all such items not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Delivery and Completion of the Goods and Related Services as if such items were expressly mentioned in the Contract.  The equipment covered by this specification shall, unless otherwise stated be designed, constructed and tested in accordance with the latest revisions of relevant Indian Standards and shall conform to the regulations of local statutory authorities | | | |
|  |  | **WORK COMMENCEMENT:-** | | |
|  |  | The work should be started only after having the following documents. | | |
|  |  | Work order | | |
|  |  | Site Register | | |
|  |  | Measurement Book | | |
|  |  | Drawings | | |
|  |  | Specifications of item & schedule of Quantity | | |

**BILL OF QUANTITY**

**Price Bid (*To be provided in separate envelope)***

**Name of the work: Augmentation of 33kV Main Bus from Single Wolf to Single Zebra at 132kV GSS, AEGCL, Diphu.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sl No.** | **Description** | **Unit** | **Qnty.** | **Rate (Rs.)** | **Amount (Rs.)** |
| **1.0** | **Supply of Materials:** | | | | |
| 1.01 | ACSR Zebra conductor | Km | 0.3 | Supplied departmentally | |
| **1.1** | **Supply of Lattice Structures** |  |  |  |  |
| 1.1.01 | 33 kV C9 column (with 2.5 m peak, and with beam levels at both 5.5 m and 7.5 m) suitable for handling ACSR Zebra conductor (1 nos) | MT | 1.25 |  |  |
| 1.1.02 | 33 kV C7 column (without peak and with beam levels at 5.5. m) suitable for handling ACSR Zebra conductor (4 nos.) | MT | 3 |  |  |
| 1.1.03 | 33 kV B5 beam suitable for handling ACSR Zebra conductor (4 nos.) | MT | 2.6 |  |  |
| **1.2** | **Hardware fittings for Zebra conductor** | | | | |
| 1.2.1 | Single Tension clamps for Zebra alongwith all hardware fittings including arcing horn | Set | 60.00 |  |  |
| 1.2.2 | Single Suspension clamps for Zebra | Set | 12.00 |  |  |
| 1.2.3 | Disc Insulator, 90KN | Nos. | 200.00 | Supplied departmentally | |
| 1.2.4 | T-Clamp Zebra to Zebra | Nos. | 42.00 |  |  |
| 1.2.5 | UPG Clamp for Zebra | Nos. | 60.00 |  |  |
| 1.2.6 | 33KV PT clamp for Zebra | Nos. | 6.00 |  |  |
| 1.2.7 | 33KV Isolator clamp for Zebra | Nos. | 42.00 |  |  |
| 1.2.8 | Other clamps and connectors and hardware fittings as per the site requirement | LS | 1.00 |  |  |
| **1.3** | **Supply of Earthing Material** |  |  |  |  |
| 1.3.1 | 65 x 12 mm GI Flat for earthing of new lattice structures. | Meters | 30.00 |  |  |
| 1.3.2 | 40mm dia, 3 m long GI pipe electrode with treated pit | Nos. | 3.00 |  |  |
| 1.3.3 | Other Earthing accessories | Lot | 1.00 |  |  |
| **a)** | **Total cost of materials (excluding GST)** | | | |  |
| **b)** | **F&I @ 3% on (a) (in Rs.)** | | | |  |
| **(A)** | **Total cost of Supply of materials (in Rs.)** | | | |  |
|  |  | | | |  |
|  |  | | | |  |
|  |  | | | |  |
|  |  | | | |  |
| **Erection, installation, transportation and other civil related works.** | | | | |  |
| 1 | Erection of 'C9' column | MT | 1.25 |  |  |
| 2 | Erection of 'C7' column | MT | 3.00 |  |  |
| 3 | Construction of foundations for lattice steel columns 'C7' including supply of all foundation materials and labour | Nos. | 3.00 |  |  |
| 4 | Erection of 'B5' beam | MT | 2.60 |  |  |
| 5 | Opening and lowering of existing ACSR Wolf bus conductor with all associated works not mentioning anywhere including shifting the same to AEGCL store | Job | 1.00 |  |  |
| 6 | Hoisting of 90 KN single Tension string insulators and hardware fittings suitable for ACSR Zebra conductors | Sets | 60.00 |  |  |
| 7 | Stringing of ACSR Zebra conductor including jumpering as required | Rm | 62.00 |  |  |
| 8 | Erection of clamps and connectors as per site requirement. | Job | 1.00 |  |  |
| 9 | Installation of earthing syatem with GI flats, Pipe Electrode, construction of treated earth pits | Job | 1.00 |  |  |
| 10 | Dismantling of existing 2 nos. of 33 kV columns and 1 no. 33 kV beam | Job | 1.00 |  |  |
| 11 | Loading, unloading and transportation of ACSR Zebra conductor from Sarusajai GSS, AEGCL to Diphu GSS (L/S amount) | Job | 1.00 |  |  |
| **B** | **Cost of erection, installation, Transportation and other civil related works (in Rs.)** | | | |  |
| **C** | **Total cost of Materials & Erection (A+B) (in Rs.)** | | | |  |
| **D** | **GST @18% on C (in Rs.)** | | | |  |
| **I** | **Total (C+D) in Rs.** | | | |  |
|  | **Say (in Rs.)** | | | |  |

**IN Words:**

***Appendix-1***

**COVERING LETTER (ON THE BIDDERS LETTER HEAD)**

To,

The Dy. General Manager,

UAT&T Circle, AEGCL,

Garmur, Jorhat-07

Sub: Submission of Tender.

Ref: -

1. NIT No:
2. Name of work:-

Sir,

Having examined the terms & conditions, technical specifications, detailed items of work etc. as well as acquainting myself/ourselves with site of work, surroundings to get the required materials etc. I am/we are to submit herewith my/our tender for the above mentioned work. My/our rates are quoted as per the specification laid down in the schedule of items of work.

I /We clearly understand that all materials, tools and plants, machineries, labours, testing of material, storage, haulage etc. required in the work shall have to be arranged by me/us from my/our own resources in the events of allotment of the work to me/us.

I /We also clearly understand that in the event of acceptance/approved of my/our tender, the work shall have to be executed strictly as per specifications and the same shall have to be completed in all respects within the stipulated time failing which I am/We are liable to be penalized as per rules laid down in Tender document as well as agreement thereof.

***Appendix-2***

**PROFILE OF THE BIDDER**

Hard copy of the following documents to be submitted with Techno-Commercial Bid.

|  |  |  |
| --- | --- | --- |
| Sl. No. | Particulars | To be filled by Bidder |
|  | Name of the Bidder | :- |
|  | Registration with Memorandum of Association | :- |
|  | PAN | :- |
|  | GST Registration number | :- |
|  | Postal Address | :- |
|  | House No. | :- |
|  | Lane | :- |
|  | Street | :- |
|  | Town/Village | :- |
|  | Post Office | :- |
|  | P.S. | :- |
|  | District | :- |
|  | Pin code | :- |
|  | Telephone Number | :- |
|  | Mobile No. | :- |
|  | E-Mail Address | :- |
|  | Website | :- |
|  | Name(s) of the Owners / Directors/Partners | :- |
|  | Name of the Banker with Address and Telephone Number | :- |
|  | Contact Person Details  *(Furnish here name of that person with whom AEGCL may get in touch for more information or clarifications)* | Name: -  Designation: -  Mobile Number: -  Email Address:- |