

**E-TENDER**



**BIDDING DOCUMENT**

**FOR**

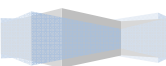
**DISMANTLING OF POWER TRANSFORMER CURRENTLY COMMISSIONED AT  
BISWANATH CHARIALI GSS, TRANSPORTATION TO DHEMAJI GSS BY ROAD &  
ERECTION AT DHEMAJI GSS AND ERECTION OF NEW POWER TRANSFORMER  
AT BISWANATH CHARIALI GSS**

**Bid Identification No. AEGCL/MD/Tech-692/B\_Chariali\_Tr/2017-18/003**

**MAY-2017**

## Table of Contents

A. Introduction .....	3
B. Scope of work .....	3
C. Time schedule .....	4
D. Qualification conditions for Bidding .....	4
E. Instruction to bidders for submission of e-tender.....	4
1. Uploading Tender documents .....	4
2. Submission of Tender .....	5
3. Bid Security .....	6
4. Bid validity.....	6
5. Documents Comprising the Bid .....	6
F. Opening of e-tenders.....	6
G. Evaluation of bids.....	7
H. Acceptance of tender.....	8
I. Performance security.....	8
J. Payment procedure .....	8
K. Special conditions for bid.....	8
<i>Appendix 1 - Letter of Technical Bid</i> .....	11
<i>Appendix 2 - Form of Bid Security</i> .....	12
<i>Appendix 3 –Information to Bidder</i> .....	13
<i>Appendix 4 –Price schedule</i> .....	14



## A. Introduction

In support of the Invitation for Bids AEGCL/MD/Tech-692/Tender/ B\_Chariali\_Tr/2017-18/32 dtd. 08.05.2017 the **Managing Director** on behalf of **Assam Electricity Grid Corporation Limited(AEGCL)** (hereinafter referred to as 'Purchaser' or 'AEGCL') issues this Bidding Document for **"TRANSPORTATION OF POWER TRANSFORMER CURRENTLY COMMISSIONED AT BISWANATH CHARIALI GSS TO DHEMAJI BY ROAD & ERECTION AT DHEMAJI SS AND ERECTION OF NEW POWER TRANSFORMER AT BISWANATH CHARIALI GSS"**.

## B. Scope of work

### 1. Transportation of 16 MVA 132/33 KV power transformer currently commissioned at Biswanath Chariali GSS to Dhemaji by road & erection at Dhemaji GSS

The following will be under the scope of work:

- (i) Dismantling of transformer bushings, conservator, radiators, cables from RTCC & RCP to marshalling box and tap changer kiosk, body earthing & neutral earthing and disconnecting cables from RTCC, draining of transformer oil to required level (approx 6 inch below top cover), filling and sealing in drums provided by AEGCL.
- (ii) Packing of HV & LV bushings, Buchholz's relay Oil Surge Relay etc, Radiators, RTCC panel. Packing materials from new 132/33 KV transformer can be used for packing of 16 MVA power transformer accessories. For packing, packing materials from new 40 MVA, M/s Aditya Vidyuth make transformer
- (iii) Dragging of transformer from pad to trailer and loading of transformer with accessories in trailer
- (iv) Transportation of transformer along with transformer oil and accessories by road from Biswanath Chariali GSS to Dhemaji GSS using suitable trailer.
- (v) Unloading of transformer and accessories at Dhemaji GSS.
- (vi) Erection of transformer on existing pad at Dhemaji GSS, assembly of dismantled accessories including RTCC including dragging of transformer.
- (vii) Transit insurance shall be in the scope of bidder.

### 2. Erection of new 40 MVA, 132/33 KV power transformer at Biswanath Chariali GSS

- (i) Transportation of intermediate tank for oil storage from Sonabil GSS.
- (ii) Unloading of transformer oil from sealed steel drum to intermediate tank.
- (iii) Supply of skilled manpower for oil handling towards commissioning of the transformer. AEGCL will provide filter machine along with necessary operator.
- (iv) Erection of transformer, HV & LV Bushings, Radiators, Cables from RTCC & RCP to marshalling box and tap changer kiosk, Body earthing & neutral earthing, RTCC - reconnecting cables and NIFPS including dragging of transformer.
- (v) Any other pre commissioning activity.

### C. Time schedule

The entire scope of work is to be completed within **30 (Thirty) days** from the issue of notification of award.

### D. Qualification conditions for Bidding

1. Bidder should have experience of erection and precommissioning activities for 145 KV or above voltage class transformer duly obtained from manufacturer/PSU/Govt. Dept./Public Ltd. Company/Private Limited Company dealing in the field of similar material and tonnage . Bidder should have executed in any of the immediate preceding five years work of value:
2. Experience certificate shall be produced from customers stating proof of satisfactory execution and completion of the contract(s) besides duly certifying nature, period of contract, and value of work handled.
3. Bidder must have valid electrical licence for EHV class issued by Govt of Assam.

### E. Instruction to bidders for submission of e-tender

The instructions to be followed for submitting the tender are set out below:

The bidder shall submit their bids through AEGCL's e-tender portal <https://aegcl.etenders.in/> only. No hard copy of the techno-commercial bid except for those specifically mentioned in this bidding document shall be received by the tendering authority. All documents as required in the bid document in format stipulated in the bidding document and duly signed by the authorised representative shall be uploaded in the e-tendering portal. The price bid schedules provided in the bidding document is indicative. All price proposals are ONLY to be submitted in the price schedules provided in the e-tender portal of AEGCL. Bidder may request clarification from tender issuing authority. AEGCL shall issue necessary clarification/corrigenda/addenda provided such requests are in writing and reach AEGCL, five days prior to bid opening deadline. For all such communication purchaser's address shall be:

First Floor, Bijulee Bhawan,  
Paltanbazar, Guwahati,  
PIN Code: 781001  
Telephone: +91 361 2739520  
Facsimile number: +91 361 2739513  
E-mail: [managing.director@aegcl.co.in](mailto:managing.director@aegcl.co.in)

## 1. Uploading Tender documents

- a. All documents uploaded in the e-tender portal as part of the techno-commercial bid is to be signed by the authorised representative of the bidder. Person(s) signing the tender shall state in what capacity he is, or they are signing the tender, e.g., as sole proprietor of the firm, or as a Secretary/Manager/Director etc., of a Limited Company. In case of Partnership firm, the names of all partners should be disclosed and the tender shall be signed by all the partners or their duly constituted attorney, having authority to bind all the partners in all matters pertaining to the contract. The original or an attested copy, of the partnership deed should be furnished along with the tender. In case of limited company, the names of all the Directors shall be mentioned, and a copy of the Resolution passed by the Company authorizing the person signing the tender to do so on behalf of the company shall be attached to the tender along with a copy of the Memorandum and Articles of Association of the Company.
- (b) The person(s) signing the tender, or any documents forming part of the tender, on behalf of another, or on behalf of a firm shall be responsible to produce a proper power of attorney duly executed in his favour, stating that he has authority to bind such other person, or the firm, as the case may be, in all matters, pertaining to the Contract. If the person so signing the tender fails to produce the said Power of Attorney his tender shall be summarily rejected without prejudice to any other right of the Corporation under the law.
- (c) The Power of Attorney should be signed by all the partners in the case of a partnership concern, by the proprietor in the case of proprietary concern, and by the person who by his signature can bind the company in the case of a limited company. The entire tender document must also be signed on each page by the authorized person.

## 2. Submission of Tender

- (a) The e-tender shall be submitted in two parts, viz., technical bid and price bid. Scan copy of all relevant documents duly signed and sealed shall be uploaded as detailed in section **E-1** above.
- (b) Price schedule provided in *Appendix 4* is for reference only. Bidder needs to quote price in price schedules provided in e-tender portal only. No scan copy of price proposal is to be uploaded along with techno-commercial bid. Bidders are advised to read the price schedule items provided in e-tender portal thoroughly before quoting.

- (c) Bids must be submitted before the bid submission deadline mentioned in IFB/NIT. All prospective bidders are advised to complete the bid preparation and submission well ahead of deadline to avoid any technical difficulties.

### 3. Bid Security

Bid Security in the form of Bank Guarantee amounting to **Rs. 25,000 (Twenty Five Thousand)** only from a nationalised bank or a schedule bank of RBI is to be submitted to the tendering authority in original. A scan copy of the same is to be uploaded in the e-tendering portal. The Bank Guarantee shall be valid for 30 days beyond the validity of bid. Tenders without bid security/bid security of lesser amount than that stipulated shall be rejected outright. Adjustment towards Bid Security shall NOT be allowed against any other outstanding amount with AEGCL.

The Bid Security BG shall be returned to the bidders within 30(thirty) days of signing of contract with successful bidder. AEGCL reserves the right to forfeit the Bid Security or part thereof, in circumstances, which according to it indicate that the tenderer is not earnest in accepting/ executing any order placed under specification.

### 4. Bid validity

Validity of bids should be **120 (One Hundred Twenty)** days.

### 5. Documents Comprising the Bid

- a) Letter of Technical Bid as per *Appendix-1*;
- b) Bid Security, in accordance with ***Bid Security Clause as per Appendix-2 or using any other form acceptable to the purchaser.***
- c) Written confirmation authorizing the signatory of the Bid to commit the Bidder, in accordance with ***Clause E-1 uploading tender documents.***
- d) Documentary evidence in accordance with ***Qualification conditions for Bidding*** and qualifications to perform the contract if its Bid is accepted;
- e) Any other document required in the Bidding Document.

## F. Opening of e-tenders

The Technical Bid will be opened in the Office of the managing director, AEGCL at the fixed time and the date indicated in the NIT/IFB in the e-tendering portal in the presence of bidders who chose to attend. Price Bids of only those tenders shall be opened whose technical bids qualify, at a time and place of which notice will be given. The Bidder technically qualified will be at liberty to be present either in person or through an authorized

representative at the time of opening of the Price Bids.

## G. Evaluation of bids

### (a) Confidentiality

Information relating to the evaluation of bids and recommendation of contract award shall not be disclosed to Bidders or any other persons not officially concerned with such process. Any attempt by a Bidder to influence the Purchaser in the evaluation of the bids or Contract award decisions may result in the rejection of its bid.

### (b) Clarification of Bids

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 a clarification of its bid. Any clarification submitted by a Bidder that is not in response to a request by the Purchaser shall not be considered. The Purchaser's request for clarification and the response shall be in writing. No change in the substance of the Technical Bid or prices in the Price Bid shall be sought, offered, or permitted, except to confirm the correction of arithmetic errors discovered by the Purchaser in the evaluation of the bids.

If a Bidder does not provide clarifications of its bid by the date and time set in the Purchaser's request for clarification, its bid may be rejected.

### (c) Examination of Technical Bids

The Purchaser shall examine the Technical Bid to confirm that all documents and technical documentation requested in **clause E-5** have been provided, and to determine the completeness of each document submitted. If any of these documents or information is missing, the Bid may be rejected. Based upon the bids received through e-tendering portal and clarifications received against query if any, detailed evaluation of Techno-commercial bids shall be done in order to determine whether the technical, financial and commercial aspects are in compliance with the Bidding Document.

The Purchaser shall determine to its satisfaction during the evaluation of Technical Bids whether a Bidder meets the eligibility and qualifying criteria specified in **clause 3 Qualification conditions for Bidding.**

The determination shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder.

## H. Acceptance of tender

AEGCL reserves the right to reject any or all the tenders without assigning any reason. AEGCL will issue to the successful Bidder an LOA (Letter of Acceptance) notifying that its bid has been accepted and the work is awarded to the bidder.

The contractor if accepts the LOA shall to sign a contract with AEGCL within (fifteen) 15 days from issue of LOA.

## I. Performance security

- (a) The Contractor shall have to deposit to the extent of **10% (ten percent)** of the total value of the order as performance security (Bank Guarantee), within ten (10) days of issue of notification of award, duly pledged in favour of the Purchaser and such security deposits shall be valid up to 30 days beyond the warranty period.
- (b) Failure of the successful Bidder to submit the above-mentioned Performance Security or sign the Contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security. In that event the Purchaser may award the Contract to the next lowest evaluated Bidder whose offer is substantially responsive and is determined by the Purchaser to be qualified to perform the Contract satisfactorily.

## J. Payment terms and procedure

100% payment after deduction of statutory taxes would be admissible within six (6) weeks from the date of submission of invoice along with all supporting document subject to receipt of the transformer and all accessories in full and good condition at destination site and completion of all other works as per contract. No part payments shall generally be admissible.

The Contractor shall have to submit invoice to the purchasers site representative along with all supporting document after completion of the job in scope. The payments will be made in the office of the Managing Director, AEGCL.

## K. General Conditions of bid

Unless otherwise specified in this bidding document the terms and conditions shall be governed by "General Conditions of Supply and Erection, 2009" of AEGCL in force.



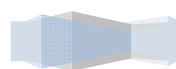
## L. Special conditions of bid

1. The successful Bidder will have to make arrangements for loading the transformer on his own for transportation by transport trolley trucks/low bedded trailer having adequate capacity. No tools and tackles, labour/material etc. will be provided by the AEGCL. Transport trailer should meet appropriate class of tonnage capacity certified and licensed by relevant road transport officer copies of permission certificate/license etc should be submitted before execution of job. Subcontracting whole or part of the transportation job shall be subject to approval from ordering authority
2. The contractor will be fully responsible for any shortage, breakages or damages to the transformer and/or its accessories that may occur during transporting and breakages or damages during loading, unloading & dragging etc. The cost of such shortages, breakages or damages if any will be recovered from the contractor, the assessment of which will be done by Purchaser's representatives at site at their sole discretion and purchaser's decision will be binding on the contractor.
3. For dismantling, dragging and erection, testing, commissioning of transformers, minor ancillary works may be necessitated at the substation premise. Such ad hoc activities shall have to be carried out by the contractor at no extra cost as per direction and under supervision of AEGCL's site representative. Bidder may visit Substation site for assessing any such activities and quote accordingly.
4. Transportation of transformers is to be done using suitable trailer through reputed transporter having experience in handling similar consignment. Bidder must propose such transporters name and furnish documents establishing experience of the firm along with the techno-commercial bid. Successful bidder must seek approval from purchaser/its representative at site for before engagement of such transporter.
5. The contractor shall be responsible for any accident or damage to private, public properties etc. during any of activity for execution of the job.
6. The contractor or his experienced authorized representative who can take decision on behalf of contractor should always be present at the site during all the activities for execution of the job.
7. The contractor will have to make his own arrangements for PWD road permit, RTO permission or any other permission from local or other authorities or State Government or other Central Govt. which may be required for movement of tractor/trailer in the State and for the transport of the heavy packages in scope. If required, AEGCL will extend all possible assistance to the contractor by way of writing recommendation/letter for

issue of such permission to the various authorities ex gratia but without any commitment and without prejudice to the other terms and conditions of this tender.

The transportation inside Railway premises, PWD or local authorities roads, will have to be done in such a manner that prescribed and in such periods (night or day) they permit.

8. **The successful Bidder will have to take insurance for any damage to the transformer during loading, transporting and unloading on behalf of AEGCL and the same should be loaded in quoted price.** The above insurance paper will have to be produced by contractor to the engineer-in-charge at the time of commencing the work.



**Appendix 1 - Letter of Technical Bid**

[Bidder's Letterhead]

Date: .....

Bid Identification No.: .....

Invitation for Bid No.: .....

To:.....

.....

We, the undersigned, declare that:

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda issued in accordance with bidding document.
- (b) We offer to take the job of transportation of power transformer, erection of power transformer and related services in accordance to the clauses of bidding document.
- (c) Our Bid consisting of the Technical Bid and the Price Bid shall be valid for a period of 120(One Twenty) days from the date fixed for the bid submission deadline in accordance with the Bidding Documents, and it shall remain binding upon us and may be accepted at any time before the expiration of that period

Name .....

In the capacity of .....

Signed .....

.....

Duly authorized to sign the Bid for and on behalf of .....

Date .....

**Appendix 2 - Form of Bid Security**

**Bank Guarantee**

**Bank Guarantee**

(To be stamped in accordance with Stamp Act)

To: \_\_\_\_\_ [name of Purchaser]  
\_\_\_\_\_ [address of Purchaser]

WHEREAS \_\_\_\_\_ [name and address of Supplier/Manufacturer/Bidder/Contractor] has undertaken, in pursuance of Contract No. \_\_\_\_\_ dated \_\_\_\_\_ to execute \_\_\_\_\_ [name of bidding document/LoA No. and brief description of Scope] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Supplier/Manufacturer/Bidder/Contractor shall furnish you with a Bank Guarantee by a recognized/scheduled bank for the sum specified therein as security for compliance with its obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Supplier/Manufacturer/Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Supplier/Manufacturer Bidder/Contractor, up to a total of \_\_\_\_\_ [amount of Guarantee]<sup>1</sup> \_\_\_\_\_ [in words], such sum being payable in the currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of \_\_\_\_\_ [amount of Guarantee] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Supplier/Manufacturer before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the scope to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until the date, 30 days beyond the Warranty Period as per the Contract.

Signature and Seal of the Guarantor \_\_\_\_\_

Name of Bank \_\_\_\_\_

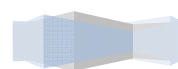
Address \_\_\_\_\_

<sup>1</sup> An amount is to be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract.

### Appendix 3 –Information to Bidder

Information pertaining to the transformers to be transported and erected are as below:

Sl. No.	Description	Particulars	Remarks
1	Transformer presently commissioned at Biswanath Chariali SS to be transported to Dhemaji GSS	Make: CGL Voltage rating: 132/33 KV Capacity: 16 MVA Total weight: 43,200 Kg Oil volume: 10,400 L Route length: 248 Km Asset value: 1,44,00,000.00	Route length from Biswanath Chariali GSS to Dhemaji GSS is approximate. Bidder is advised to assess the road conditions and exact distance to be covered, dragging required etc. by visiting these substations if felt necessary. For insurance purpose, asset value mentioned here is to be considered.
2	Transformer presently stored at Biswanath Chariali GSS and to be erected at Biswanath Chariali GSS	Make: Aditya Vidyuth Appliances Limited Voltage rating: 132/33 KV Capacity: 40 MVA Total weight: 59,500 Kg Oil volume: 16,100 L	Bidder is advised to assess dragging required by visiting substations if felt necessary
3	Transportation of storage tank from Sonabil GSS to Biswanath Chariali	Storage tank weight: 2,600 Kg Capacity: 20,000 L Route length: 48 Km	Route length from Sonabil GSS to Biswanath Chariali is approximate. Bidder is advised to assess the road conditions and exact distance to be covered



*Appendix 4 –Price schedule*

Sl. No	Description	Unit	Quantity	Unit Rate	Total Amount
1	<b>TRANSPORTATION OF 16 MVA 132/33 KV POWER TRANSFORMER CURRENTLY COMMISSIONED AT BISWANATH CHARIALI GSS TO DHEMAJI BY ROAD &amp; ERECTION AT DHEMAJI GSS</b>				
1.1	Dismantling of transformer bushings, conservator, Radiators, Cables from RTCC & RCP to marshalling box and tap changer kiosk, body earthing & neutral earthing and disconnecting cables from RTCC, draining of transformer oil to required level (approx 6 inch below top cover), filling and sealing tr. oil in drums provided by AEGCL.	LS for 1 transformer	2		
1.2	Packing of HV & LV bushings, Buchholz's relay Oil Surge Relay etc, Radiators, RTCC panel and other accessories	LS for 1 transformer	2		
1.3	Dragging of transformer from pad to trailer and loading of transformer with accessories in trailer	LS for 1 transformer	1		
1.4	Dragging of transformer from pad to suitable storage location inside substation premise as directed.	LS for 1 transformer	1		
1.5	Transportation of transformer along with accessories by road to from Biswanath Chariali GSS to Dhemaji GSS in suitable trailer.	LS for 1 transformer	1		
1.6	Unloading of transformer and accessories at Dhemaji GSS.	LS for 1 transformer	1		
1.6	Erection of transformer on existing pad at Dhemaji GSS, assembly of dismantled accessories including RTCC including dragging of transformer	LS for 1 transformer	1		
2	<b>ERECTION OF NEW 40 MVA, 132/33 KV POWER TRANSFORMER AT BISWANATH CHARIALI GSS</b>				
2.1	Transportation of intermediate tank for oil storage from Sonabil GSS to Biswanath Chariali GSS.	LS	1		
2.2	Supply of skilled manpower for oil handling towards commissioning of the transformer. AEGCL will provide filter machine along with necessary operator.	LS for 1 transformer	2		
2.3	Erection of transformer, HV & LV Bushings, conservator, Radiators, Cables from RTCC & RCP to marshalling box and tap changer kiosk, Body earthing & neutral earthing, RTCC - reconnecting cables and NIFPS including dragging of transformer.	LS for 1 transformer	2		

NOTE: Above price schedule is for information only. Bidder needs to quote price in price schedules provided in e-tender portal only. However following are to be considered while quoting.

- All prices in Indian Rupees.
- Bidders shall quote prices inclusive of all applicable taxes and duties.

