

ASSAM ELECTRICITY GRID CORPORATION LIMITED

OFFICE OF THE DEPUTY GENERAL MANAGER

T&T CIRCLE, DIBRUGARH



TENDER DOCUMENT

NOTICE INVITING TENDER NO: AEGCL/DGM/TTC/DBR/O&M/TC-02/2021/45/IV; dtd. 3/06/21

Name of work

**Refurbishment works from LOC-57(B+0) to LOC-66(B+0) at Balijan, Pulunga of 132kV
Dibrugarh-Tinsukia Line at 132kV GSS, AEGCL, Dibrugarh.**

Work Site

Balijan, Pulunga under 132kV GSS, AEGCL, Dibrugarh

Tender cost amounting to
Deposited in the form of
Vide

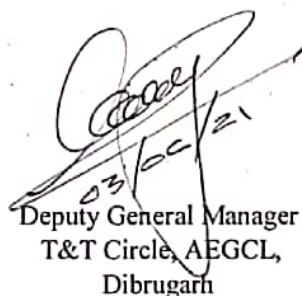
Rs 1000.00

.....
.....

Issued to
Address

.....
.....

Signature of Contractor/Firm


Deputy General Manager
T&T Circle, AEGCL,
Dibrugarh

Signature of the Bidder

- (A) **INFORMATION TO BIDDER:**
1. **NAME OF WORK:** - Refurbishment works from LOC-57(B+0) to LOC-66(B+0) at Balijan, Pulunga of 132kV Dibrugarh-Tinsukia Line at 132kV GSS, AEGCL, Dibrugarh.
 2. **Estimated Amount:-** Rs. 18,60,832.00 (Rupees Eighteen Lakhs Sixty Thousand Eight Hundred and Thirty Two)
 3. **LOCATION OF WORK:** -Balijan, Pulunga under 132kV Dibrugarh GSS, AEGCL.
 4. **TENDER ADDRESS:** - Office of the Deputy General Manager, T&T Circle, AEGCL, Dibrugarh.
 5. **BIDDING PROCEDURE:-**
 - a) All tenders shall have to be submitted in prescribed forms attached herewith eventually to be drawn up in the rules of AEGCL.
 - b) Two different envelopes to be used as follows.
Envelope-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.
Envelope-2: Price Bid
 6. **KEY DATES:-**
 - a) Bid Submission Start Time & date:- 12.00 Hrs. of 5/06/21
 - b) Bid Submission End Time & date:- 14.00 Hrs. of 25/06/21
 - c) Techno-Commercial Bid Opening Time & date:- 14.30 Hrs. of 28/06/21
 7. **TENDER PAPER COST AND MODE OF PAYMENT:-**

Bidder has to pay Non-Refundable tender document cost @ Rs. 1,000.00 (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/Banker's Cheque must be submitted along with relevant documents in the Envelope-1.
 8. **BID SECURITY/EARNEST MONEY AND MODE OF PAYMENT:-**
 - a) For participation in bidding procedure, participants must compulsorily pay the Bid Security of Rs 38,000.00 (Rupees Thirty Eight Thousand) only in the form of Fixed Deposit/Bank Guarantee/ 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.
 - b) The bid security of the successful Bidder shall be returned as promptly as possible once the successful Bidder has signed the Contract and furnished the required performance security.
 - c) The bid security of unsuccessful Bidders shall be returned as promptly as possible upon the successful Bidder's furnishing of the performance security.
 - d) The bid security may be forfeited:-
 - (i) If a Bidder withdraws its bid during the period of bid validity period.
 - (ii) If the successful Bidder fails to sign the Contract within the specified period.
 9. **VALIDITY OF BID:-**
 - a) 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.
 10. **TIME OF COMPLETION:-**
 - a) The allotted time of completion for the work is 180 days from the handing over of the site.
 11. **DISCLAIMER:-**
 - a) 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.
 12. **LANGUAGE OF BID:-**
 - a) 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.
 13. **NEGOTIATION WITH BIDDER:-**
 - a) 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.
 14. **VERIFICATION OF DOCUMENTS:-**
 - a) 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.
 15. **RIGHT TO REJECT:-**

- a) 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.

(B) ELIGIBILITY QUALIFICATION.

1. ELIGIBLE BIDDERS:-

- a) 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.
b) A Bidder, and all partners constituting the Bidder, shall have Indian nationality.
c) The bidder should have Class- I electrical license.

2. EVALUATION CRITERIA:-

- a) The Techno-Commercial Evaluation will be done on the basis of technical qualification, Financial qualifications and fulfilment of the legal conditions.
b) The Price Bid of only Responsive Techno-Commercial Bidders will be opened and intimation will be issued in due course.

c) TECHNICAL QUALIFICATION:-

1. 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	7,50,000.00
2	2 (two) similar completed works	9,50,000.00
3	1 (one) similar completed work	15,00,000.00

If the nature of work and value differs from the above stated conditions, it will not be considered while evaluation of technical qualification.

2. FINANCIAL QUALIFICATION:-

- a) Minimum average annual turnover of Rs. 6, 25,000.00. (Rupees Six Lakh Twenty Five Thousand) 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. Audited Balance sheet must be furnished as a proof of annual turnover. Any other form of supporting documents instead of Audited balance sheet will not be accepted.

3. Current bank solvency certificate must be submitted to show the bidder's financial position.

- a) 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 there to 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.

4. ACCEPTANCE OF BID AND CONTRACT AGREEMENT:-

- a) 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.

5. PAYMENT TERMS:-

- a) No advance/Mobilization advance shall be made in this contract.
b) No claim for interest shall be entertained by AEGCL.
c) Final bill must contain the original site register.
d) Final payment shall be released to the contractor only after completion of the work in all respect and final acceptance by AEGCL.
e) Payment is subject to availability of specific fund.
f) 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

6. **RETENTION MONEY:-**
 - a) 10% retention money will be deducted from running bill, which will be released along with the final bill on completion of the work in all respect.
 7. **WARRANTY:-**
 - a) 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
 8. **EXTENSION OF TIME:-**
 - a) Time is the essence of the contract. No extension of time shall normally be allowed except on valid and genuine ground.
 9. **CONTRACTUAL FAILURE, LIQUIDATED DAMAGE AND PENALTY:-**
 - a) Liquidity Damages 1.0% (one percent) of the amount of delayed work per week subjected to the maximum 10 % of the contract value.
 10. **TERMINATION OF CONTRACT:-**
 - a) 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.
 11. **FORCE MAJEURE CONDITION**
 - a) 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.
 12. **SETTLEMENT OF DISPUTE AND ARBITRATION:-**
 - 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.
- (C) **GENERAL SPECIFICATIONS OF WORK.**
1. **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.
 - a) 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.
 - b) Any unnecessary structures are to be demolished and serviceable materials to be stacked and stored as directed by AEGCL.
 2. **PRIMING AND PAINTING:**
As per specifications in the schedule of quantity.
 3. **SUPPLY OF MATERIALS:-**
 - a) The supply of materials should be as per ISI standard.
- (D) **WORK SCHEDULE.**
1. **SITE HANDOVER:-**
 - a) Handing over of the work site will be done in presence of sProject Manager or its authorized representative, Resident Engineer, site engineer and contractor or its authorized representative.
 - b) The contractor has to submit the list of manpower along with contact numbers to be engaged for the work to the Project Manager.
 - c) The date of site handing over to be noted on the Site register duly signed by the Project Manager or its authorized representative, Resident Engineer, site engineer and contractor or its authorized representative.
 2. **WORK COMMENCEMENT:-**
The work should be started only after having the following documents.
 - a) Work order
 - b) Specifications of item & schedule of Quantity

BILL OF QUANTITY

Price Bid (To be provided in separate envelope)

Name of the work: Refurbishment works from LOC-57(B+0) to LOC-66(B+0) at Balijan, Pulunga of 132kV Dibrugarh-Tinsukia Line at 132kV GSS, AEGCL, Dibrugarh.

Rates quoted should be inclusive of GST


Annexure-I

Supply and Erection

SI No.	Name of Work	Unit	Provisional Quantity	Rate(Rs)	Amount(Rs)
A	Erection and Dismantling				
1	Opening and Lowering of ACSR panther conductors from the portion of the line	KM	2.456		
2	Re-String of ACSR panther conductor including transportation distribution, laying, stringing, jumpering, hoisting of insulator, tensioning, clamping etc.	RKM	2.456		
3	Dismantling of tower without damaging the members transportation to store and proper stacking	MT	5.5		
4	Erection of super structure including transportation of structure and accessories from to the site including supply and fitting/fixing.	MT	5.5		
5	Painting of the Towers with bituminous paint of approved quality upto 3 metres from ground level including the cost of paints.	No	9		
6	Repairing/ replacement of Super Structure tower 4(four) no. towers from Body Section to peak Section.	MT	2.5		
7	Welding of all Nuts & Bolts including charges of transportation, materials, etc.	No	4 Towers		
B	SUPPLY PART				
8	Supply of G.I. Angle	MT	2		
9	Insulator 90 KN	No	60		
10	Insulator 70 KN	No	120		
11	Vibrational Damper	No	16		
12	Single tension hardware fittings	Set	6		

13	Single Suspension hardware fittings	Set	12		
Total Amount					
GST@18%					
Grand Total					

In Words:

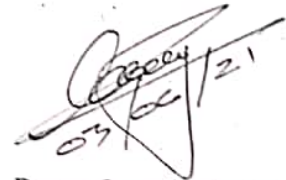

 Deputy General Manager
 T&T Circle, AEGCL, Dibrugarh

Annexure -II.

OPGW stringing works due to refurbishment tower at location 61, 62,63,66 in the 132kV Dibrugarh-Tinsukia Line

SI No.	Particulars	Unit	Provisional Quantity	Rate(Rs)	Amount(Rs)
	OPGW Works in the section between tower Loc No. 57 & 70 due to refurbishment at LOC 61,62,63,66 (Joint Box Location at Tower 57 & Tower 70)				
1	Dismantling of OPGW, Vibration Damper, tension/suspension assembly fittings.	KM	3.43		
2	Stringing of OPGW 24 fibers (overhead cable)	KM	3.43		
3	Installation of Tension/Suspension Double Dead end set with & without splice location	Nos.	14		
4	Installation of OPGW Vibration damper c/w preform armour rods	Nos.	28		
5	Installation of down lead clamp	Nos.	20		
6	Installation of OPGW Optical Splice kit including junction box	Nos.	2		
	Total Amount				
	SGST @9%				
	CGST @9%				
	GRAND TOTAL				

In Words:


 Deputy General Manager
 T&T Circle, AEGCL, Dibrugarh

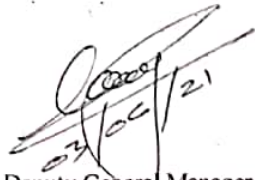
Annexure-III

Carriage and installation of ERS Towers (3 Nos.) from Mariani GSS to Pulunga, Chabua Pather and for return back after utilizing at the site.

Sl No.	Name of Items	Unit	Quantity	Rate(Rs)	Amount(Rs)
A	Fuel Cost				
1	Fuel Cost for carriage from Mariani GSS to Work site by departmental vehicle to cover a total distance of $200\text{km} \times 2 = 400\text{km}$ for to & fro journey per truck trip considering 5km/lt consumption. Total fuel required = $400/5 = 80$ Ltr. Total fuel for 02 truck trip = $2 \times 80 = 160\text{Ltr}$.	Ltr.(Diesel)	160		
2	Fuel Cost for Return back the ERS Tower from Work site to Mariani GSS by departmental vehicle to cover a total distance of $200\text{km} \times 2 = 400\text{km}$ for to & fro journey per truck trip considering 5km/lt consumption. Total fuel required = $400/5 = 80$ Ltr. Total fuel for 02 truck trip = $2 \times 80 = 160\text{Ltr}$.	Ltr.	160		
3	Lubricant required for Vehicle (mobil) considering @ 01 Ltr per trip. Total 04 trip including to & fro total 08 journeys = 08 Ltr.	Ltr.	8		
Total (A)					
B	Loading and Unloading cost				
4	a) Unskilled labour cost to load at Mariani GSS in 02 trucks considering 15 man days/truck. Total Mandays = $2 \times 15 = 30$ mandays	Mandays			
	b) Unskilled labour cost to unload at work site in 02 trucks considering 15 man days/truck. Total Mandays = $2 \times 15 = 30$ mandays. Total Mandays (a+b) = 60 Mandays.		60		
5	Labour charge for Night Watching of Tower @ 06 mandays for 08 days Total Mandays for 3 towers = $3 \times 6 \times 8$	Mandays	144		
6	Highly skilled person for erection & shifting of conductor from Existing tower to ERS of 3 nos. @ 08 mandays per tower per day for two days. Total Mandays for 03 towers = $3 \times 2 \times 8 = 48$ mandays.	Mandays	48		

7	Unskilled labour required for erection of ERS tower, considering 20nos. labour per tower per day & 02 days of involvement per tower. Total mandays for 03 towers= $3 \times 20 = 60$ mandays.	Mandays	60		
8	Highly skilled person for erection & Shifting of conductor from ERS Tower to new tower of 2 nos. and dismantling the ERS towers @ 08 mandays per tower per day for two days. Total Mandays for 4 Towers = $4 \times 3 \times 4 = 48$ mandays.	Mandays	48		
9	Unskilled labour required for dismantling of ERS tower, considering 20 nos. labour per tower per day and 2 days of involvement per tower. Total Mandays for 3 towers = $3 \times 2 \times 20 = 120$ mandays.	Mandays	120		
10	a) Unskilled labour cost to load at work site in 02 trucks considering 12 man days/ truck. Total mandays= $2 \times 12 = 24$ mandays.	Mandays	24		
	b) Unskilled labour cost to unload at Mariani GSS in 02 trucks considering 12 man days/ truck. Total mandays= $2 \times 12 = 24$ mandays.	Mandays	24		
11	Cost of hiring excavation (JCB) in putting deadmant for back-stay and for back filling as well.	Days	3		
12	Hiring charge of tent with essential materials for 10days	Days	15		
13	Hiring charge of D.G. set for 10days.	Days	15		
Total (B)					
Total Amount (A+B)					
GST@18%					
Grand Total					

In Words:


 Deputy General Manager
 T&T Circle, AEGCL, Dibrugarh

Appendix-1

COVERING LETTER (ON THE BIDDERS LETTER HEAD)

To,
The Deputy General Manager,
T&T Circle, AEGCL,
Dibrugarh.

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.

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
a)	Name of the Bidder	:-
b)	Registration with Memorandum of Association	:-
c)	PAN	:-
d)	GST Registration number	:-
e)	EPF	
f)	IT Returns (last 3 Years)	
g)	Electrical Licence with class	
h)	Labour License registration	:-
i)	Date of Establishment/ Incorporation	:-
j)	Postal Address	:-
	House No.	:-
	Lane	:-
	Street	:-
	Town/Village	:-
	Post Office	:-
	P.S.	:-
	District	:-
	Pin code	:-
k)	Telephone Number	:-
	Mobile No.	:-
	E-Mail Address	:-
	Website	:-
l)	Name(s) of the Owners / Directors/Partners	:-
m)	Name of the Banker with Address and Telephone Number	:-
n)	Contact Person Details <i>(Furnish here name of that person with whom AEGCL may get in touch for more information or clarifications)</i>	Name: - Designation: - Mobile Number: - Email Address:-