

ASSAM ELECTRICITY GRID CORPORATION LIMITED

OFFICE OF THE DEPUTY GENERAL MANAGER
T&T CIRCLE, AEGCL, DIBRUGARH



TENDER DOCUMENT

NOTICE INVITING TENDER NO: AEGCL/DGM/TTC/DBR/O&M/TC-02/2021/45/II
dt:03/06/2021

Name of work

Construction of Cable Trench in 33KV Switchyard at 220KV GSS Tinsukia, GSS

Work Site

220 kV GSS, AEGCL, Tinsukia.

Tender cost amounting to Rs 1,000.00.
Deposited in the form of

Vide

Issued to

Address

Signature of Contractor/Firm

Deputy General Manager
T&T Circle, AEGCL,
Dibrugarh

INFORMATION TO BIDDER:

NAME OF WORK: - Construction of Cable Trench in 33KV Switchyard at 220KV GSS Tinsukia, AEGCL

Estimated Amount: Rs 6,20,488.00 (Rupees Six lakhs twenty thousand four hundred and eighty eight) only.

LOCATION OF WORK:- 220 kV GSS, AEGCL, Tinsukia.

TENDER ADDRESS:-Office of the DGM, TTC, Dibrugarh, AEGCL.

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

KEY DATES:-

- a) Bid Submission Start Time & date:- 12.00 Hrs. of 05/06/21
- b) Bid Submission End Time & date:- 14.00 Hrs. of 25/06/21
- c) Techno-Commercial Bid Opening Time & date:- 14.30 Hrs. of 25/06/21

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 Cheque 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.

BID SECURITY/EARNEST MONEY AND MODE OF PAYMENT:-

- a) For participation in bidding procedure, participants must compulsorily pay the Bid Security of Rs 13,000.00 (Rupees Thirteen 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.
 - (iii) if the successful Bidder fails to furnish a performance security within 15 (fifteen) days' time of issue of Letter of Intent (LOI).

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.

TIME OF COMPLETION:-

- a) The allotted time of completion for the work is 180 days from the handing over of the site.

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.

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.

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.

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.

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.

ELIGIBLE BIDDERS:-

1. 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.

EVALUATION CRITERIA:-

1. a) The Techno-Commercial Evaluation will be done on the basis of technical qualification, Financial qualifications and fulfilment of the legal conditions.

TECHNICAL QUALIFICATION:-

1. b) 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	2,50,000.00
2	2 (two) similar completed works	3,20,000.00
3	1 (one) similar completed work	5,00,000.00

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

FINANCIAL QUALIFICATION:-

1. d) Minimum average annual turnover of **Rs 2,10,000. (Rupees Two lakh Ten 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.

(C)

1. e) Current bank solvency certificate must be submitted to show the bidder's financial position.
2. a) 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.

DEFECT AFTER COMPLETION OF WORK:-

1. 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 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:-

1. 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.

PAYMENT TERMS:-

1. a) No advance/Mobilization advance shall be made in this contract.
2. b) No claim for interest shall be entertained by AEGCL.
3. 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

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.

WARRANTY:-

- a) The term period of warranty shall mean the period of 18 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:-

- a) 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:-

- a) 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:-

- 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.

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.

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.

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. REINFORCEMENT:-

- a) All reinforcement shall be cleaned thoroughly by removing loose scales, oil, grease or other deleterious materials. The contractor shall obtain the approval of the Engineer-in-charge or his representative to the reinforcement when fixed in position before any concrete is deposited in the forms.

3. SHUTTERING AND CENTERING:-

- a) Shuttering for concrete shall be made of either metal or timber suitably lined and of substantial and rigid construction true to shape, alignment and dimensions as shown on the approved drawings

4. REINFORCED CEMENT CONCRETE:-

- a) Optimum quantity of water shall be mixed to produce the design mix/nominal mix concrete of required workability.
b) Workability shall be such that the concrete surrounds and properly grips all reinforcement.
c) The degree of consistency, which shall depend upon nature of work and method of vibration of concrete, shall be determined by regular slump tests to be carried out by the contractor at his cost.
d) Usually for mass concrete in RCC works where vibrations are used the slumps shall be within 10mm to 25mm.

5. BRICK MASONRY:-

- a) Brick work in cement mortar with 1st class brick including racking out joints and dewatering if necessary, and curing complete as directed in sub-structure up to plinth level. Cement Mortar used should be in 1:4 proportion.

6. CONSTRUCTION JOINT:-

- a) All construction joints horizontal or vertical shall be at predetermined position according to approved drawing or as directed by the Engineer-in-charge. Prior to commencement of fresh concreting over any construction joint which has set but hardened, the removal of laitance and roughening shall be done by wire brushing and washing and care shall be taken to avoid dislodgement of coarse aggregates.

7. PLASTERING:-

- a) Surfaces to be rendered must be cleaned and made free from all dust, loose materials, grease, etc, and be well wetted for a few hours (the wall should not be soaked but only damped evenly); but the wall should

not be too wet.

CURING:-

- a) Curing should be done as soon as possible after concrete is placed and when initial set has occurred and before it has hardened. It should be continued for a minimum period of 7 to 12 days when normal (Portland) cement is used, 4 to 7 days when rapid hardening cement is used, and should be kept thoroughly wet for 24 hours when high alumina cement is used.

9.

PRIMING AND PAINTING:-

- a) As per specifications in the schedule of quantity.

(E)

WORK SCHEDULE.

1.

SITE HANDOVER:-

- a) 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.
- 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) Site Register
- c) Measurement Book
- d) Drawings
- e) Specifications of item & schedule of Quantity

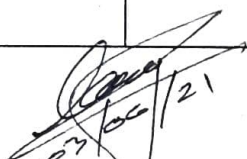
BILL OF QUANTITY

Price List (Should be quoted inclusive of GST)

Specifications are as per APWD Schedule of Building for the year 2013-14

S.No	Description	Unit	Qty	Rate	Amount
1.	<p>Schedule item no. 1.1: Earthwork in excavation for foundation trenches of walls, retaining walls, footings of column, steps, septic tank etc. including refilling (return filling) the quantity as necessary after completion of work, breaking clods in return filling, dressing, watering and ramming etc. and removal of surplus earth with all lead and lifts as directed and specified in the following classification of soils including bailing out water where necessary as directed and specified.</p> <p>(A) Up to a depth of 2.00m below the existing ground level.</p> <p>(a) In ordinary soil</p>	Cum	78.11		
2.	<p>Schedule item no. 2.1.1 : Plain cement concrete works with coarse aggregate of sizes 13mm to 32mm in foundation bed for footing steps, walls, brick works etc. as directed and specified including dewatering if necessary, and curing complete (shuttering where necessary shall be measured and paid separately).</p> <p>(a) In prop 1cement: 3 sand :6 coarse aggregate by volume</p>	Cum	4.95		
3.	<p>Schedule item no. 3.1.1 : Providing form work of ordinary timber planking so as to give a rough finish including centering, shuttering, strutting and propping etc., height of propping and centering below supporting floor to ceiling not exceeding 4.0M and removal of the same for in-situ reinforced concrete and plain concrete work in:</p> <p>3.1.1.1 Foundation, footings, bases of columns, pile cap, raft and mass concrete works etc.</p> <p>(b) Using 25mm thick plank</p>	Sqm	266.04		
4	<p>Schedule item no. 18.1.1 : Supplying, fitting and fixing in position reinforcement bars conforming to relevant I.S. Code for R.C.C. work/ R.B. walling including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete.</p> <p>(No extra measurement for lap, hook, chair, anchor etc. will be entertained in the measurement as they</p>	Qtl	9.90		

	re included in the rate) (Upto 1st floor level) b) Other ISI approved TMT reinforcement bar (SAI/BISCON/THERMAX) (For Assam Type Bldg., drain works.,retaining wall&boundary wall etc.				
5	Schedule item no. 2.2.1 : Providing and laying plain/reinforced cement concrete works cement, coarse sand & 20mm down graded stone aggregate including dewatering if necessary, and curing complete but excluding cost of form work and reinforcement for reinforced cement concrete work (form work and reinforcement will be measured and paid separately) (A) In substructure up to plinth level Foundation, footing, columns with base tie and plinth beam, pile cap, base slab, retaining walls, walls of septic tank, inspection pit and the like and other works not less than 100mm thick up to plinth level. a) M15 grade concrete or Prop. 1:2:4	Cum	20.5		
6	Schedule item no. 25.12 : Providing precast R.C.C slab over drain ,septic tank etc. in prop. 1:2:4 reinforced with 10mm M.S. bar @ 150mm centre both ways tying with 20 gauge black annealed wire with necessary shuttering , curing etc. complete including fixing in position as directed. a) 100mm thick slab	Sqm	90.00		
7	Schedule item no. 18.2.3 : Steel work welded in built up sections, framed work including cutting, hoisting and fixing in positions and applying priming coat of red-lead paint including drilling holes, supplying, fitting and fixing with bolts and nuts or welding, if necessary as directed. a) In beams and joists with connecting plates/ angled cleat.	Qtl	2.61		
8	Providing perforated cable tray (M.R)	Rm	180		
9	Schedule item no. 23.7 : Demolishing brickwork including stacking of serviceable materials and disposal of unserviceable materials as directed for all levels. Existing cable trench	Cum	5.67		


 Dy. General Manager
 T&T Circle, AEGCL, Dibrugarh

Appendix-1

COVERING LETTER (ON THE BIDDERS LETTER HEAD)

To,
The Dy. 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 Clearance (for last three years)	
g)	Labour License registration	
h)	Date of Establishment/ Incorporation	:- :-
i)	Postal Address	:-
	House No.	:-
	Lane	:-
	Street	:-
	Town/Village	:-
	Post Office	:-
	P.S.	:-
	District	:-
	Pin code	:-
j)	Telephone Number	:-
	Mobile No.	:-
	E-Mail Address	:-
	Website	:-
k)	Name(s) of the Owners / Directors/Partners	:-
l)	Name of the Banker with Address and Telephone Number	:-
m)	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:-