



ASSAM ELECTRICITY GRID CORPORATION LIMITED

Regd. Office: 1st floor, Bijulee Bhawan, Paltan Bazar, Guwahati-781001

CIN: U40101AS2003SGC007238

Phone: 0361-2739520/ Fax: 0361-2739513 web: www.aegcl.co.in

No. AEGCL/DGM/TTC/TEZ/T- 20/2016/

Dtd.

SHORT TENDER NOTICE

No. AEGCL/DGM/TTC/TEZ/T-20/2016/36 Dated 18-08-2016

Deputy General Manager Tezpur T&T Circle , AEGCL Tezpur invites short sealed quotation in prescribed format from experienced contractor/firm having experience in Civil construction works for execution of the following work at 132 KV Depota GSS

NAME OF WORK:

Installation of new deep tube well and 3 HP submersible pump at 132KV Depota Grid Sub-Station Campus, Construction of R.C.C. Slow sand filter tank having size 1850mmx2000mmx1600mm and water reservoir tank having size 2500mmx2000mmx1500mm Pump Set and Filter Media complete.

PERIOD OF COMPLETION:- 180 (One hundred and Eighty) days from the date of issue of Work Order/ hand over the site.

EARNEST MONEY- Rs. 18,500.00

COST OF TENDER PAPER: INR 1000.00 (Rupees one thousand) only in the form of A/C payee Demand draft/Bankers Cheque (Non-refundable) pledged in favour of the Managing Director, AEGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, Payable at Guwahati.

ISSUE OF TENDER PAPER: on all working days from 22-08-2016 upto 26-08-2016.

RECEIPT OF TENDER PAPER: 1400 Hours (IST) of 30th Day of August, 2016.

DATE OF OPENING: 1430 Hours (IST) of 30th Day of August, 2016, 2016.

In case the date of receiving of tenders happen to be holiday the next working day will be treated as receiving/ opening date of tender at the same time and place.

The undersigned reserves the right to reject the tender (partly or in whole) without assigning any reason thereof and does not bind himself to accept the lowest tender.

**Deputy General Manager,
Tezpur T&T Circle, AEGCL,
Dhanuwa Nagar, Tezpur.**

GENERAL CONDITIONS

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Dtd 18-08-2016

NAME OF WORK : Installation of new deep tube well and 3 HP submersible pump at 132KV Depota Grid Sub-Station Campus and Construction of R.C.C. Slow sand filter tank having size 1850mmx2000mmx1600mm Water reservoir tank having size 2500mmx2000mmx1500mm Pump Set and Filter Media complete.

1. Every tender should quote rate of all items inclusive of all taxes clearly both in figure and word.
2. Tender should be written either in ink or typed. No tender filled in otherwise shall be considered.
3. The tenderer shall mention clearly if any quantity discount or payment discount is offered.
4. Every tender must be accompanied with Earnest Money amounting to Rs. 18,500.00 only **in the form of A/C payee Demand draft/Bankers Cheque pledged in favour of the Managing Director, AEGCL, Bijulee Bhawan, Paltanbazar, Guwahati-1, Payable at Guwahati.**
5. The tender shall be accompanied with the Income tax clearance certificate.
6. The contractor must have registration of VAT with the concerned department of Government of Assam.
7. The Contractor/Firm should produce work experience/completion certificate from officer not below the rank of Executive Engineer strictly in the name of the Contractor/Firm of atleast one complete work relevant to the tendered work, done within last 3 years.
8. The Deputy General Manager, Tezpur T&T Circle reserves the right to reject any or all the tenders without assigning any reason thereof and further reserves the right to split up the supply order/ work order in favour of more than one contractor.
9. An Contract agreement in specific form is to be executed prior to the start of work immediately after issue of work order.
10. The contract must not be sublet.
11. No labour below 18 years should be engaged and contractor should have labour licence from competent authority.
12. The tender shall have to be submitted in the prescribe form only.
13. The tender shall be completed in all respect. Incomplete tender will not be considered and will be rejected.
14. The contractor will be responsible for safety of his materials.
15. Cost for construction of temporary building for storage of materials etc. house for contractor and staff should bear by the contractor. No rent will be paid by the AEGCL.
16. Compensation for obtaining soil from private land, if any will be paid by the contractor.
17. **Liquidated Damage:** the date of completion of work shall be deemed as the essence of the contract and shall not be completed no later than the time specified in the contract. In case of failure, AEGCL shall be entitled to recover an amount at the rate of 0.5% of the contract price per week subject to maximum of 10% of the contract price as liquidated damage of AEGCL. However, the payment of liquidated damages shall not in any way relieve the Contractor from any of its obligations to complete the work.
18. The term period of warranty shall mean the period of 365 days from the date of Taking Over of the Work by AEGCL. A Taking over Certificate (TOC) will be issued by the appropriate authority.
19. An amount equivalent to 10% (ten percent) of the total value of the work will be retained as performance security for the warranty period of 365 days.
20. Any defect noticed within the period of 365 days from the date of completion of the work, shall have to be rectified by the contractor at his own cost.
21. Income tax, VAT and service tax will be deducted at source.
22. All construction materials such as cement, rod etc will not be supplied by the AEGCL.
23. No any T&P for the work will be supplied to the contractor.
24. The contractor should produce experience of such work executed earlier with supporting documents.
25. Any condition not included herewith will be applicable as per the **“GENERAL CONDITIONS OF SUPPLY AND ERECTION-2009” OF AEGCL.**

Signature of the contractor.

Deputy General Manager
Tezpur T&T Circle, AEGCL

TENDER PAPER

TENDER NOTICE NO. AEGCL/DGM/TTC/TEZ/T-20/2016/36

Dtd 18-08-2016

Name of work: Installation of new deep tube well and 3 HP submersible pump at 132KV Depota Grid Sub-Station Campus, Construction of R.C.C. Slow sand filter tank having size 1850mmx2000mmx1600mm and water reservoir tank having size 2500mmx2000mmx1500mm Pump Set and Filter Media complete.

Name of Bidder :-

Address :- i) Vill/ Town :-

ii) P.O :-

iii) Dist.

Signature of the Bidder.

From

To

The Deputy General Manager,
Tezpur T&T Circle,
AEGCL, Tezpur.

Sub :- Tender paper.

TENDER NOTICE NO. DGM/TTC/TEZ/T-20/2016/36

Dtd 18-08-2016

Sir,

Having thoroughly examined all terms and conditions of the NIT, ASEB F-2 form and having clearly understood the drawing and specifications of the work to be executed and rates of all items of the work as incorporated in the tender specification, I am submitting my rates as follows;

Specification of work

NAME OF WORK: Installation of new deep tube well and 3 HP submersible pump at 132KV Depota Grid Sub-Station Campus, Construction of R.C.C. Slow sand filter tank having size 1850mmx2000mmx1600mm and water reservoir tank having size 2500mmx2000mmx1500mm Pump Set and Filter Media complete.

Sl no	Description of item	Unit	Qty.	Rate	Unit
1.	Transportation of drilling rig to the work site.....	Job	1		
2.	Present market rate:-Exploring of aquifer by using vertical echo system.	Job	1		
3.	Approved rate of Bijulee Bhawan:-Boring of 300 mm dia bore well by rotary system including cost of fuel and carriage of compressor etc.....	Rm	130.00		
4	Development of the tube well with compressor or by over pumping unit for 48 hours till sand free discharge is obtained....	Job	1		
5	Supplying fitting & fixing pipes plain/level ended for casing, conforming to relevant I.S code of practice including supplying & fixing of tube well accessories, lowering of assembly pipes.....department. (ii) PVC pipes (Supreme/Prince/Fusion/SFMC brand) (iii) 200 mm dia..	Rm	110.00		
6	Supplying fitting & fixing ISI approved PVC filter 3.00 metre long (vi) 200 mm dia	Each	3		

7	Supplying including installation, connection as approved by the dept. testing and commissioning of submersible pump set. 39.6.8; Single phase Submersible motor pump set (Texmo / Crompton Greaves/ Aquatic/ CRI/ V-Guar/ Calma make) suitable for 100 mm bore well and above. 3 HP STAGE 7 to 40 with control panel	Each	1		
8	As per W/O No.AEGCL/AGM/W-8/Pt-V/2008/152, dtd.30-08-08 Supplying and fixing of 'U' clamp...	Each	8		
9.	Supplying and fixing clamp for 40mm dia column pipe 2 nos=1 set....	Set	1		
10	Supplying fitting and fixing suction pipes plain/bevel ended conforming to relevant I.S code of practice, lowering of assembly pipes etc... (A) G.I pipe (III) 40 mm dia.	Rm	60.00		
11	Supplying fitting & fixing G.I pipes of following sizes with all necessary 'R' brand or similar approved G.I fittings.....(TATA medium) (A) From boring point to the overhead reservoir. 40 mm dia..... 25 mm dia.....	Rm Rm	20.00 15.00		
12.	Complete earthing system for pump and the panel board.....	Job	1		
13	Supplying & fixing gun metal country pit valve..... 40 mm dia..... 25 mm dia.....	Each Each	2 2		
14	Earth work in excavation for foundation trenches of walls retaining walls, footings of column, steps, septic tank etc. including refilling 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. (b) In hard/ dense soil. $1 \times 3.250 \times 2.750 \times 1.325 = 11.842$	M ³	11.842		
15	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). (a) in prop 1:3:6 aggregate by volume. $1 \times 3.250 \times 2.750 \times 0.075 = 0.670$ $1 \times 1.00 \times 1.20 \times 0.075 = 0.090$ = 0.76	M ³	0.76		
16	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 4.0 M and removal of the same for in-situ reinforced concrete and plain concrete work in: (ii) Using 25mm thick plank $1 \times 2 \times 3.10 \times 0.15 = 0.93$ $1 \times 2 \times 2.60 \times 0.15 = 0.78$ $1 \times 2 \times 2.80 \times 1.50 = 8.40$				

	$1 \times 2 \times 2.30 \times 1.50 = 6.90$ $1 \times 2 \times 2.50 \times 1.50 = 7.50$ $1 \times 2 \times 2.00 \times 1.50 = 6.00$ <u>$1 \times 1 \times 2.80 \times 2.30 = 6.44$</u> $= 36.95$ 3.1.1.5 Flat surfaces such as soffits of suspended floor roofs, landings, cantilever slabs, chajjas, balconies and the like. (ii) Using 25mm thick plank. $1 \times 2 \times 2.15 \times 1.60 = 6.88$ $1 \times 2 \times 2.30 \times 1.60 = 7.36$ $1 \times 2 \times 1.85 \times 1.60 = 5.92$ <u>$1 \times 2 \times 2.30 \times 1.60 = 7.36$</u> $= 27.52$	M ²	36.95		
		M ²	27.52		
17	Supplying, fitting and fixing in position reinforcement bars conforming to relevant IS code for R.C.C. work including straightening, cleaning, cutting and bending to proper shapes and length as per details, supplying and binding with 20 G annealed black wire and placing in position with proper blocks, supports, chairs, spacers etc. complete. (b) other I.S.I. approved TMT reinforcement bar (SRMB/SAI/BISCON/X TECH) (for A.T building, drain works, retaining wall & boundary wall etc.) H.Y.S.D. bar. $36 \times 3.00 \times 0.62 = 66.96$ Kg. $42 \times 2.50 \times 0.62 = 65.10$ Kg $90 \times 3.35 \times 0.62 = 186.93$ Kg $44 \times 2.50 \times 0.62 = 68.20$ Kg $68 \times 1.70 \times 0.62 = 71.67$ Kg $34 \times 2.50 \times 0.62 = 52.70$ Kg $4 \times 2.50 \times 0.89 = 8.90$ Kg $19 \times 2.35 \times 0.62 = 27.68$ Kg $19 \times 2.55 \times 0.62 = 30.03$ Kg $30 \times 1.70 \times 0.62 = 31.62$ Kg $44 \times 2.60 \times 0.62 = 70.92$ Kg $44 \times 2.35 \times 0.62 = 64.10$ Kg $2 \times 14 \times 0.50 \times 0.62 = 8.68$ Kg <u>$2 \times 3 \times 2.00 \times 0.62 = 7.44$ Kg</u> $= 760.93$ Kg $= 7.61$ Qtl				
		Qtl	7.61		
18	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 works (shuttering where necessary shall be measured and paid separately). (i) Using kixer Machine. (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. N) Without using admixture, plasticizer. b) M-20 grade concrete or prop 1:1.5:3. $1 \times 3.10 \times 2.30 \times 0.15 = 1.06$				

	$1 \times 2 \times 2.80 \times 1.50 \times 0.15 = 1.26$ $1 \times 2 \times 2.00 \times 1.50 \times 0.15 = 0.90$ $= 3.22$ B) In super structure from plinth level up to 1st floor level. i) Walls (thickness not less than 100mm) including attached pilasters, buttresses, plinth and string course etc. N) Without using admixture, plasticizer. b) M20 grade concrete or prop. 1:1.5:3 $1 \times 2.15 \times 2.30 \times 1/2(0.175+0.135) = 0.76$ $1 \times 2 \times 2.15 \times 1.60 \times 0.15 = 1.03$ $1 \times 2 \times 2.30 \times 1.60 \times 0.15 = 1.10$ $2 \times 2.00 \times 0.20 \times 0.15 = 0.12$ $= 3.01$	M ³	3.22		
		M ³	3.01		
19	Providing pre cast RCC slab in prop.1:2:4 reinforced with 10 mm TMT/HYSD bars @ 150 mm center both ways tying with 20 Gauge Black annealed wired with necessary shuttering, curing etc complete including fixing in position as directed. a) 100 mm thick slab $1 \times 0.65 \times 2.30 = 1.495$ $1 \times 0.60 \times 2.00 = 1.20$ $= 2.695$	M ²	2.695		
20	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. (b) In proportion 1:4 $1 \times 1.00 \times 1.00 \times 0.45 = 0.45$ $1 \times 1.00 \times 0.75 \times 0.15 = 0.11$ $1 \times 1.00 \times 0.60 \times 0.15 = 0.09$ $1 \times 1.00 \times 0.45 \times 0.15 = 0.06$ $1 \times 1.00 \times 0.30 \times 0.15 = 0.045$ $= 0.755$	M ³	0.755		
21	15mm thick cement plaster in single coat on single or half brick wall for interior plastering up to 1st floor level including arises, internal rounded angles, not exceeding 80mm in girth and finished even and smooth including curing complete as directed. A) On rough side. (b) In proportion 1:4 $1 \times 1.00 \times 1.15 = 1.15$ $1 \times 2 \times 0.45 \times 0.50 = 0.45$ $= 1.60$	M ²	1.60		
22	supplying fitting and fixing G.I pipes of following sizes, with all necessary 'R' brand or similar approved G.I fittings such as bend, tee, elbow, reducer, nipple, plug, long screw fitting H.W. clamps etc complete at all levels including below G.I as directed and specified. ii) Using Tata. (Medium) a) 50mm dia. = 35.00m b) 40mm dia = 118.00m d) 25 mm dia = 50.00m	R.M R.M RM	35.00 118.00 150.00		
23	Supplying fitting gun metal country pit full way valve I.S.I make as specified and directed. a) 50mm dia.	each	4		

	b) 40 mm dia	each	2		
24	Renewing G.I Tee(heavy quality) as specified & directed. (f) 50 mm dia	Each	5		
25	Renewing G.I bend (heavy quality) as specified. 9e) 50 mm dia	each	4		
26	Renewing G.I.nipple 15mm to 50 mm. e) 40mm dia.	each	2		
27	Renewing G.I.Union joints. f) 50mm dia e) 40mm dia c) 25 mm dia	each each each	1 4 4		
28	Renewing G.I.bend. e) 50mm dia	each	2		
29	Supplying filter media. Sand. (special quality) Gravel.	M ³ M ³	2.22 1.85		
30	2 HP single Phase jet monoblock pump set (Crompton Greaves/ Aquatic/ CRI/ V-Guard/ Calma make) 2900 rpm with DOL Starter (Crompton Greaves/ Control & Switch Gear/ BCH/ L& T / Siemens make) .	Each	1		

Signature of the bidder