



PR NO	340211	
RFQ NO	46470	

ADVERTISED TENDER No: 23-2017/18

TC M,), /s									
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Name of Work Open Tender for Erection of HT, LT, TC & Dog Conversion work

of Deodar-1& 2 S/dn under Radhanpur DO(DDUGJY/IPDS

Scheme).

Estimate cost.	Rs. 499651.00				
Earnest Money.	Rs. 5000.00				
Security Deposit.	5% of order value.				
Last date of received the tender	Date: 08-02-2018 On 15.00 Hrs. (By RPAD)				
Date of opening the tender	Date: 09-02-2018 On 15.00 Hrs. (If Possible)				
Type of tender	Open				
Tender Fee	Rs.500 + 18% GST as per applicable				
Time Limit	1 Year				

Earnest money deposit will be accepted in cash or by demand draft on any schedule bank at RADHANPUR in favor of UTTAR GUJARAT VIJ COMPANY LIMITED, cheques or Bank guarantee will not be accepted. The tender without Earnest Money deposit will not be accepted. The date of D.D of EMD should be within 10 days from the date of receipt of tender.

Tender received through RPAD will be accepted.

SUPDT.ACCTT. UGVCL, DO, RADHANPUR. EXECUTIVE ENGINEER UGVCL, DO, RADHANPUR





Schedule - B

Sr.	Description of works			In	Total
No	2000.	Qty	Unit	figure	Amnt
1	2	3	4	5	7
1	Tapping from existing pole including fiting of clamps cross arms insulators & painting of iron parts as per drawing & specification for HT line	3	Nos	278	11120.00
2	Erection of HT Line single pole structure comprising of excavation of pit and refilling of earth with cast iron base plates with top Insulators, Cross arm etc. complete as per drawing and specification with painting numbering and fixing of caution board and std. anticlimbing devices + for single pole structure. The rates are inclusive of paint, but nut bolt, Barbered wire and caution board will be supplied by the company.				
	(A) PSC pole 8 Mtr. Long 140 Kg./200 Kg.	80	Nos	675	101250.00
	(B) Steel pole 40 to 90 lbs 30 to 42 feet	1	Nos	1315	6575.00
	(C) PSC pole 10 MT long 270 Kg.	10	Nos	1815	9075.00
	Stringing of ACSR and all alluminium conductor with Insulator binding, Jumpering and joining etc. as per specification and drawing				
3	(A) STRINGING OF CONDUCTOR FOR LT LINE	95.2	km	2730	259896.00
	(B) Strining of conductor 13mm2 size to 55mm2 size for HT & LT line	12	Km	1240	52080.00
5	Erection of stay set complete as per drawing and specification with stay clamps, stay wire, Turn buckle, Guy insulators and cement blocks including supply of Bolts & Nuts by the contractor.	100	Nos	315	47250.00
6	Erection of earthing coil type or CI plate type including cost of Charcoal, Salt etc. but without cost of GI wire and earthing plate as per standard specification	90	NOS	350	68250.00
7	Erection of transformer cenrt completely excluding guy & earthing for for 100 KVA transformer using PSC poles	1	Nos	5360	107200.00
8	Concreting of pole including cost of cement, sand, metal(1:3:6) & water as per STD specification	1	Cubmi c mtr	5900	17700.00
9	Removal of deteriorated PSC poles and crediting to store.	10	NOS	465	18600.00
10	Dismentling of existing conductor of difference size upto 55mm2 with cross arm and top fitting including everything	99	KMs.	620	6200.00
	TOTAL(A)				499651.00
	BIDDER'S OFFER (+/-) IN %(B)				
	GRAND TOTAL C / A +/- (A*B)				
	GST@18% (D=CX18%)				
	GRAND TOTAL INCLUDING				
	FINAL OFFER IN RS.				
	(IN WORDS)				





- 1. Separation into supply and erection, is only for convenience and better economic management and for the ease of accountancy but the entire contract, is to be assessed under GST law, as the works contract service, which is as per the provisions of section 2(30), read with section 2(119), further read with paragraph 6(a) of the schedule II to the CGST Act. 2017 or SGST Act. 2017 and similar provisions, applicable under the UTGST Act, 2017 and the IGST Act, 2017 and the entire activity, would be subjected to levy of Tax, at the rate of 9% CGST + 9% SGST or 18% IGST, under the GST law.
- 2. I/We agree to supply the articles noted above that the rates herein tendered by me/us subject to conditions of tender and supply at the tender inquiry which I/We have carefully read and which I/We have thoroughly understood and to which I/We agree.

	Executive Engineer
Contractor's Signature.	Radhanpur





SPECIFICATIONS

For erection work of 11 KV Transmission lines.LT distribution lines and transformer sub-stations. ERECTION OF HT AND LT LINES.:

- (a) Site clearing and tree cutting which come in the way of line will be done by the contractor at his cost. Any claim for compensation in above respect will have to be borne by the contractor.
- **(b) Fixing:** Pole position :The position of pole structures guys and earthings will be fixed by the department and shown to the contractor. He shall adhere to these locations in all circumstances unless. Directed by the department to make any change.

(c) Pole setting:

Where poles are set in good solid ground the depth of pit shall be 1/6 the height of the pole and for grounds of any other nature depth of the pit shall be decided by the department. The poles and guys must not be set at the edge of cut/at shore/ embankments where soil is liable to be washed or eroded out such setting should be avoided while back filling, the each must be packed tight and in no case must earth be dumped to greater depth than four inches without being rammed hard before the next layer is thrown in extra earth should be packed around the poles and rammed. The cost of damage done to the pole during the erection will be recovered from the contractor. No pole which is out of plumb or out of alignment shall be accepted. The contractor will keep the poles and other materials in his safe custody in erected and he is liable to compensate to the Company the full cost of same along with supervision charges, if the pole is broken during the erection or stolen from him custody. He should be able to render full account of the poles entrusted to him whenever the supervising officer demands to scrutinizes the same.

1. Erection of Complete Single Pole Structure.

Erection of single pole structure comprises of shifting of pole from the place in the village to the site of actual work in that village excavation of pit erection in position (with base place where required) of 26' to 33' PSC poles 60 lbs/Yds. 30' to 42' long rail or suitable size girder or any other suitable pole fitting up clamps and cross arms and fabricated materials etc. Complete as per drawing inclusive of numbering fixing of caution Company and anticlimbing device. All size of Bolts and Nuts required should be used by the contractor at his cost. All the fabricated materials such as cross arms clamps turn buckles etc. fitted on the PSC poles of RCC poles should be painted first coat with red lead paint and then two coats of aluminum paint. The tendered has to use all the paints at his cost and should got approved by the Engineerin- charge before use.-Do- same as item No.1 (a and also including painting of steel poles)

2. Special two poles structures.

Special two poles structures such as for HT line tapping Railway crossing any other HT, LT or telephone line crossing, terminal structure comprises of excavation of suitable pits and refilling of earth, erection in position of two numbers 26′ to 33′ PSC poles 60 lbs/Ybs 30′ to 42′ long rails or any other suitable poles fitting of clamps and cross arms. Cross bracing etc. as per drawing inclusive of mounting H.G.Fuses (or A B Switch or HT metering equipments etc. numbering, fixing of caution Board and anticlubming device. The D.P. must be properly aligned and must be special structure if included will be erected as per drawing supplied. A size of bolts and nuts required for fitting the fabrication should be used by the at his cost including painting as per item No.1.

3. Stringing of Conductors.

This includes stringing of standard and solid bare conductors with fitting has necessary HT/LT pin and strain insulators, binding on insulators, jumpering jointing, The jointing in HT line will be done by twisting

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sleeve joints as per standard practice, Care must be taken in handling the conductor must not be drawn over tough or rocky ground, where it is liable to be damaged Alluminium and ACSR conductors must be drawn on wooden or aluminum pulleys only the conductor or coil must not be dropped Wastage and cutting should be avoided as far as possible, Not more than 5% scrap will be accepted in the material account drawing to the proper tension. The sag and spans will be maintained as per drawing and design. The cross arms and insulators must be so fixed that neither tills nor bends in any position. The rate quoted should be per conductor route kilometer. The span and sag. However may vary according to sizes of poles available but these dimensions will be specified by the field Engineer before commencement of work. The sagging should be uniform for all conductors and uneven sagging will not be allowed.

4. Stringing of Continue cuss Earth Wire.

Where required the stringing of G.I. Wire No. 1 or S.W.G. is to be carried out for continuous earth wire and sag should be kept appropriate as per the conductor and continuous earth wire should be fixed on cross arm by using "OII" size bolts nuts and washers. The required bolts nuts and washers should be used by the contractor at his cost. All the fabricated cross arms sifted on the pole should be connected to the earth wire by G.I.Wire.

4.(a) Guarding.

The guarding will have to be provided between crossing of HT and LT lines below the entire railway crossing. At the crossing at the crossing to telephone or telegraphs line (Licensee's HT and LT lines are passing below Company's HT line) road crossing and such other places as indicated by the department. The work comprises of fixing of guard cross-arms, eye bolts guard cradle as per design. Binding cross arms must be used where the HT line crosses the road. A clearance of 20 ft. must be available for all road crossing. The poles for road crossing must be concreted. The work has to be carried out as per drawings specially prepared for the purpose Guarding for railways crossing is to be carried out as per instructions of the Engineer-in-charge.

5. Erection of Stay set.

The erection of stay comprises of excavation of pit of 2'x2'x4' depth burying stay rods anchor plate, fixing of turn buckle binding of GI Stay wire. The stay insulators must be inserted in the stay wire on all stays as per drawing. The wrapping of the Guy wire strands at both ends at the stay insulator must be even and must present neat appearance and good workmanship. No stay should be left loose but should be tight and straight to withstand any cyclone or stand storm. The item includes refilling of earth and painting paint should be used by the contractor at his cost. If the guys are not required to be concreted, a percasted cement concrete block will be supplied by the department at his divisional store at Radhanpur which the contractor will have to transport at his cost to the site of work and will have to use for fixing the guy road rate includes transportation and using the same in place of cement concerting of the guy. If the block is damaged during transport the cost of same will be recovered from the contractor.

- **6.** Cement concreting for rail of R.S.J. pole or stay rod should be carried out in preparation 1:3:6 i.e. one part of cement three part of washed river sand and six part of well burnt brick-bat of 1x 1FF" size metals. The mixture should be prepared on the GI sheets and should be free from the dust the river sand, cement and the metal or brickbat should be used by the contractor at his cost.
- **7.** Concreting for muffing of poles or stay rods should be as per item No. 6 above and size of the boxing provided should be Dia. Of 1.5 feet X height 3 feet and 1.5 feet should remain below the ground level and 1.5 feet should remain above the ground level.

8. Earthing

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A pit of 2'x2'x6' is to be dug about 3' away from the pole on which earthing is required to be carried out. The earthing pipe supplied should be erected in the pit and should be hammered in the ground as far as possible and G.I. Wire for earthing should by bolted with the pipe and should be connected with earth wire of the pole by means of bolt 10 kg. of common salt and coal-dust should be provided per earthing by the contractor at his cost. Bolts nuts and washers should be used by the contractor at his cost.

9. Erection of Pole Mounted Transformer Center.

This work includes erection of special two pole structure as per item No.2 and fixing of all fabricated materials for support of line, L.A.H.G. fuses. A.B. switches transformer L.T. Dist. Box etc. The work includes of transportation and hoisting of transformer fixing of H.G. fuses A.B. switch L. As Distribution Box bilding numbers and V.I.R. or P.V.C. wiring and prodding two earthings as per the specifications and the instructions of the Engineer-in-charge including painting.

- (a) Up to and including 100 KVA
- (b) –do- as above but transformer above 100 KVA capacities.
- 10. (A) Painting of Transformer Structure & Fabrication of New erected pole for new lines:

All the galvanized fabricated materials to be used on the structure for transformer & new erected pole for new line will be provided by UGVCL.

- (B) The Fabrication to be used for augmentation, renovation and modernization of existing line and sub station should be painted first with on coat of red oxide and then with two coats of good quality of aluminum paint should be applied by the contractor at his cost. The paint should be got approved by the Engineer in charge before use.
- 11. Painting of Transformer Structure & Fabrication of New erected pole for new lines:

The materials supplied by the contractor as per the schedule-B must be tested & approved by recognized inspector of UGVCL.

All the galvanized fabricated materials to be used on the structure for transformer & new erected pole for new line will be provided by UGVCL.

Signature of Contractor

Executive Engineer UGVCL, DO, Radhanpur

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GENERAL INSTRUCTION TO TENDERERS

- 1 Sealed Tenders are invited for the work Erection of HT, LT, TC & Dog Conversion work of Deodar-1& 2 S/dn under Radhanpur DO from the contractors/firms who have executed works of similar nature and magnitude successfully and who are registered under appropriate class.
- 2 Tender documents are in two bids system i.e. "Technical Bid" and "Price Bid".
 - **A.** Technical bid is to be submitted in a separate sealed envelope and supper scribing the envelope as "Technical Bid". Technical bid should be submitted with documents as under, failing which tender is liable for rejection.
 - **B.** Solvency certificate issued from any Nationalized Bank amounting to sum equivalent of estimated cost(Minimum 5.0 Lacs)
 - **C.** Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan paid copy is required.
 - D. GST NO/ PAN Number.
 - A. GST No. & Date must be mentioned in Tender. (Copy attached of GST No.)
 - B. PAN Number & Date must be mentioned in Tender.

As per GST Act, UGVCL is in the process of amending various commercial Terms & Conditions of Tender. The following terms & conditions to be amended are given below.

Name of Terms & Conditions	To be added/amended
Tender fee	Plus applicable GST
Prices	Replace Excies duty, VAT/Sales Tax by GST
Excies Duty	Bonloss Evelos dutu Colos Tov/VAT by CST
Sales/VAT (Value Added Tax)	Replace Excies duty, Sales Tax/VAT by GST
Octroi	To be dated

E. Ugvcl vendor registration should be attached with tech. Bid.

Sr. No	Class of Vendor Regis.	Minimum Experience in years	Consider eligible for participation in the errection tender of HT/LT/TC
1	CLASS-A	5 YEARS	Can participate in tender of the errection work of HT/LT/TC line for any amount tender invited through limited/open/n-code by division/circle.Vendor registration mandatory.
2	CLASS-B	3 YEARS	Can participate in tender of the errection work of HT/LT/TC line for any amount up to Rs. 10 lacs , tender invited through limited/open/n-code by division/circle.Vendor registration mandatory.
3	CLASS-C	1 YEARS	Can participate in tender of the errection work of HT/LT/TC line for any amount up to Rs. 5 lacs . tender





	invited	through	limited/open/n-code	by	
	division/circle.Vendor registration mandatory.				

- F. Group Insurance copy of the insurance policy of the insured laborer's under W.C. Act.
- **G.** Experience certificate regarding similar nature work executed in any division of company for Rs. 10 lacs in three last financial year.
- H. Details of equipments available with the tendered.
- **I.** Electrical contractor license as a when required.
- J. Tools & tackle Certificate.
- **K.** At least Rs. 10 Lacs turn over required in bank Statement.
- **L.** Proof regarding payment of Tender Fee and EMD. The above supplementary documents should be submitted in form of attested true copies.

M.Taxes and Duties:

The prices are excluding GST and Cess as applicable which will be paid extra on a given taxable goods and/or services within the original contractual delivery period. The amount and % of GST and Cess as applicable should clearly be indicated separately. (GST/Cess means all applicable Tax/Cess under GST Laws. GST Laws means IGST Act, GST (Compensation to the State for Loss of Revenue) Act, CGST Act, UGST Act and SGST Act, 2017and all related ancilliary legislations).

Supplier/Contractor should charge GST in Invoice at the rate as agreed to / mentioned in acceptance of tender only and any deviation in the same shall not be accepted. Further, any additional liability of GST (later on due to wrong mentioning of GST rate, mis-interpretation of HSN/SAC Code, etc.) over and above as charged in the invoice shall be borne by the Supplier/Contractor. However, any refund received by the supplier / contractor on account of GST charged from the company; such refund shall have to be passed on to the company, along with interest if any. Such refund along with interest needs to be passed on suo-moto by the supplier / contractor.

Further, the Company has a right to recover the amount of GST along with penal interest at the rate of 15% per annum if GST charged is not paid / short paid to the government or fail to upload the details or uploads inaccurate particulars on GSTIN portal by the Supplier/Contractor within the stipulated time limit.

In case, Govt. revises the rate of GST rate / Code during the tenure of the contract, the provision of UGVCL's statutory variation clause shall apply.

N. .STATUTORY VARIATION:

Any statutory increase or decrease in the taxes and duties including GST and Cess as applicable or in the event of introduction of new tax/cess or cessation of existing tax/cess subsequent to contractors offer if it takes place within the original contractual delivery date will be to COMPANY's account subject to the claim being supported by documentary evidence. However, if any decrease takes place after the contractual delivery date, the advantage will have to be passed on to COMPANY.

O. PENALTY FOR LATE DELIVERY:

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Penalty shall be @ 0.5% per Week or part thereof plus GST as applicable on delayed portion subject to maximum 10% plus GST as applicable of the delayed portion Order Value (End Cost with GST and Cess as applicable) in case of supply only, whereas in case of Projects, the ceiling shall be with reference to total contract value with GST and Cess as applicable of the project (Supply +

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Erection + Civil). For calculating the delayed portion, date of actual receipt of material at store shall be considered.

- 3 The Price bid should be submitted in physically form. This is mandatory if price bids submitted in physically form same will not be open and only online submitted price bid will be considered for evaluation.
- 4 Both "Technical" and" EMD Receipt No. should be submitted in one common envelope super scribing the name of the work and tender opening date etc.
- 5 Earnest money deposit of Rs. 5<u>000</u> should be deposited in cash or submitted in form of Demand Draft in favor of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank, payable at <u>Radhanpur</u>
- 6 Bidders should complete the tender documents in all respects and they are to be signed with Company's Seal on all pages.
- 7 The bidders shall submit their offer without any deviations in general terms and conditions of the contract or in Technical specification/items. Tenders of such departing may also be rejected. Incomplete and conditional tenders shall not be considered.
- 8 UTTAR GUJARAT VIJ COM.LTD. Reserves the right to split up the work covered in the scope of this contract amongst more than one contractor.
- 9 The rates shall be quoted both in words and figures as per unit specified in schedule-'B' and it should be sticked by the transparent cello tape. In case of any discrepancy between the rates quoted in words & figures, rate quoted in words will prevail.
- 10 Intending bidders should submit their tenders after studying all tenders documents carefully and visiting the site for satisfying themselves of actual site conditions, location and accessibility of site and nature, extent of the work involved etc. Submission of tenders implies that bidders have obtained all necessary.
- 11 Information and other data required for executing the work. No claim for extra charges on account of any misunderstanding or otherwise will be allowed.
- 12 All approaches to the site shall be in the scope of bidders. Bidders will not be allowed to give subcontract of the works awarded to him for any, reasons what so ever without permission of the Engineer-in charge.
- 13 In the experience certificate, contractor has to furnish the details of similar works executed by him along with the list of equipment, tools and tackles and manpower available with him along with the details of the same, which he intends to deploy on site of the work.
- 14 After opening of "Technical bid" no revised price bid from any bidders will be accepted.
- 15 Price quoted shall be firm, till overall completion of the work, under contract and there will not be any price escalation.
- 16 Date of opening of "Price Bid" will be intimated later on to those Bidders who are qualified in technical bid. "Price bid" of only qualifying bidders on the basis of Technical bid shall only be opened. Price of bidders, who are not qualified technically as per requirement of technical bid shall not be opened.
- 17 Offers shall be valid for the period of 120 days from the date of opening of price bid. Tenders shall not withdraw tenders during the validity period, failing which their EMD shall be forfeited during the said period of 120 days.
- 18 Bolts & nuts of appropriate size and quality will be supplied by the **UGVCL Company if possible.**

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19 Cement will be issued as per Company existing rates.

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- 20 Materials will be issued strictly as per requirement & not in lot
- 21 Concrete slabs will be supplied from our store.0.50 "ps. Per cu ft will be paid below the 2 feet or ground level for the rocky soil against the certificate of Dy. Engineer in charge/verification by concern D.E. tech of Radhanpur Division.
- 22 Due care should be taken while doing the work, If any accident will occurred to your employee/personal while working than it will be your responsibility. Company will not be responsible for payment of any claims due to such accident.
- 23 Contractor should observe labour laws as per prevailing rules of Govt. of Gujarat.
- 24 Tree Branches should be trimmed such a way that distance of nearby conductor and trimmed branch must remain 5' Horizontal and 5' vertically.
- 25 Pin binding of Pin Insulator must be with double strand of conductor.
- 26 Each and every shackle pole must be re jumpered with formation of 'D'.
- 27 Old material removed from line (If any) must be credited in Divn. Store.
- 28 All tools, tackles used in maintenance will be provided by contractor.
- 29 Transportation of labour for the work should be done by contractor.
- 30 If necessary order of one S/Dn. will be transferred to other S/Dn. depending upon requirement of UGVCL.
- 31 The clearance as per I.E rules must be maintained.
- 32 For any dispute jurisdiction of legal will be at Radhanpur/
- 33 If the Tenderer/Bidder/Contractor would stand lowest while opening of the tender, He will be intimated by the competent authority with separate letter & will have to provide their skilled Labours gang within week time & He would have to report in written through respective SDO. Otherwise Second lowest bidder will be given chance at the rate of lowest-1.
- 34 The contractor should have to keep permanently skilled Labours gang in respective Sub-Division for each annual order. If Concern SDO will report that Erection Work is delayed due to non-availability of skilled labour, penalty will be deducted a per rules.
- 35 All the works shall be carried out as per specifications attached with the tender and relevant Indian Standard issued by Bureau Indian Standards. All materials procured should be confirming to relevant Indian Standard issued by Bureau of Indian Standard.
- 36 Tenders, who do not fulfill all or any of the conditions of the tender of incomplete in any respect, are liable to rejection.
- 37 UTTAR GUJARAT VIJ COMPANY LTD, reserves the right to reject any or all Tenders without assigning any reason thereof.
- 38 Income Tax at prevailing Rate will be deducted as per Income tax Act.
- 39 The rates are inclusive of PF and all other State/Central Government taxes, cess and levies but exclusive of CGST/SGST. CGST/SGST prevailing rate, if applicable will be reimbursed by UGVCL on production of CGST/SGST paid Challan.

Signature of Tenderer With Rubber Stamp.

EXECUTIVE ENGINEER

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Save Energy for Benefit of Self and Nation





CIN - U40102GJ2003SGC042906

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