

Save Energy for Benefit of Self and Nation

UGVCL
Uttar Gujarat Vij Company Ltd.

Near Railway crossing, Old Power House, Division Office Vijapur-382870



| | |
|--------|--------|
| PR NO | 406062 |
| RFQ NO | 57020 |

ADVERTISED TENDER **008/2020**

TO,
M/s _____

Name of Work Maintenance of HT,LT pole ,Painting of RSJ pole and fabrication work under KUKARVADA S/Dn

Tender Notice No
008/2020

| | |
|---|--|
| Estimate cost. | Rs. 499996.00 |
| Earnest Money. | Rs. 5900.00 |
| Security Deposit. | 5% of order value |
| Relevant documents (By Registered Post A.D. or Speed Post only) submission date | On or before date 23.01.2020 Up to 18.00 Hrs |
| Date of opening of Tender fee, EMD cover and Technical Bid physical as well as online | Date: 24.01.2020 up to 12.00 Hrs |
| Type of tender | Item Rate. |
| Tender Fee | Rs. 590.00 |
| Time Limit | 1 Year |

Earnest money deposit will be accepted in cash or by demand draft on any nationalisy schedule bank at VIJAPUR 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.

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SUPDT.ACCTT.
UGVCL, DO, VIJAPUR.

EXECUTIVE ENGINEER
UGVCL, DO, VIJAPUR.

UTTAR GUJARAT VIJ COMPANY LIMITED, DIVISION OFFICE, VIJAPUR.

SCHEDULE.B- (I)

MEMORANDUM SHOWING ITEMS OF MAINTANCE WITH RATE QTY.& AMOUNT

Name of Work :- Maintance of HT/LT ploe ,Painting of pole and pole fabrication work under KUKARVADA S/Dn.

| Sr. No | DETAILS OF WORKS. | QTY. | UNIT. | RATE IN Rs. | Net Amount. |
|--------|--|------|----------|-------------|-------------|
| 1 | Replacement of 11 kv pin insulator by new pin insulator/composite pin insulator. 9908000002 | 300 | No | 31 | 9300 |
| 2 | Replacement of 11 kv Disc insulator by new Disc insulator/composite Disc insulator. 9908000003 | 300 | NO | 106 | 31800 |
| 3 | Replacement of LT Shackle insulator by new one. 9907000016 | 300 | No | 21 | 6300 |
| 4 | Re fixing of V cross arm in proper positions. 9912020008 | 300 | NO | 41 | 12300 |
| 5 | Replacement of V cross arm by new One. 9902010001 | 200 | NO | 139 | 27800 |
| 6 | Re fixing of Top fitting arm in proper positions. 9911000010 | 200 | NO | 27 | 5400 |
| 7 | Replacement of Top fitting arm by new One. 9911000010 | 200 | NO | 34 | 6800 |
| 8 | Straighting of tilted PSC Poles/RSJ Poles at pin point. 9911000001 | 200 | NO | 189 | 37800 |
| 9 | Straighting of tilted PSC Poles/RSJ Poles at tension point. 9911000001 | 100 | NO | 207 | 20700 |
| 10 | Re – Tightening loose guy set in all aspect. 9911000001 | 100 | NO | 104 | 10400 |
| 11 | Re – jumpering oh HT/LT line foe Shackle pole. 9911000031 | 100 | Per pole | 59 | 5900 |
| 12 | Erection of Supports pole PSC/RSJ for stay i.e stude pole. 9911000007 | 100 | NO | 418 | 41800 |
| 13 | Pin binding of conductor with 11 kv pin insulator as per instruction of engineer. 9911000004 | 100 | Per pole | 12 | 1200 |
| 14 | Pin binding of conductor with LT Shackle insulator as per instruction of engineer. 9911000004 | 100 | Per pole | 9 | 900 |

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| | | | | | |
|----|---|-----|-------------------|------|-------|
| 15 | Numbering of pole with paint by preparing background one colour and have lettering (height 3" and width 0.5") as directed by engineer in charge (Colour to be used must have ISI mark colour to be provided by contractor).9908000016 | 100 | No | 28 | 2800 |
| 16 | Painting/writing consumer no. on SMC/MMB with letter size height 40mm and width 8 mm for Urban area.9911000015 | 100 | NO | 7 | 700 |
| 17 | Painting/writing consumer no. on SMC/MMB with letter size height 40mm and width 8 mm for RURAL area.9911000015 | 100 | NO | 13 | 1300 |
| 18 | Converting pin point to shackle point including dismentaing and retesting etc including the cost of nuts and bolts.9908000003 | 20 | location | 1619 | 32380 |
| 19 | Replacement of 1 ph meter box without meter (fastner are to be provided by contractor).9908000023 | 250 | NO | 50 | 12500 |
| 20 | Replacement of 1 ph meter only (urban area) by another one.9908000022 | 250 | NO | 34 | 8500 |
| 21 | Replacement of 1 ph meter only (Rural area) by another one.9908000022 | 250 | NO | 45 | 11250 |
| 22 | Replacement of 1 ph service line by new PVC/Armored service line Without meter and meter box) by using GI wire no 10,Real insulator, two no of Egg insulators including labour of fitting of necessary accessories at consumer end as per specification including the cost of nuts and bolts.9908000016 | 130 | NO | 170 | 22100 |
| 23 | Removal/Dismantling of existing HT/LT line (34 mm2 to 55 mm2 conductor) and crediting to store. Conductor has to Dismantle from shackle pole with minimum nos. of cut piece as instruction of engineer incharge. 9903000001 | 130 | Per cond.per km | 650 | 84500 |
| 24 | Removal/Dismantling of existing HT/LT line (Above 55 mm2 size conductor) and crediting to store. Conductor has to Dismantle from shackle pole to shackle pole with minimum nos. of cut piece as instruction of engineer incharge. 9903000001 | 10 | Per cond.per km | 1450 | 14500 |
| 25 | Re stringing of HT & LT line (34 mm2 to 55 mm2) conductor/coated conductor with new pin binding.9901000002 | 20 | Per wire per Span | 69 | 1380 |
| 26 | Re stringing of HT & LT line (Above 55 mm2 size conductor) conductor/coated conductor with new pin binding. 9901000002 | 16 | Per wire per Span | 71 | 1136 |
| 27 | Re stringing of 11 KV Aerial bunch cable (all size) per span with labour of fitting of accessories.9906000004 | 20 | Per wire per Span | 208 | 4160 |
| 28 | Trimming of tree branches onstructing HT/LT line on one tree.9911000009 | 500 | Per tree | 35 | 17500 |

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| | | | | | |
|----|---|----|--------------------|---------------------|-----------|
| 29 | Trimming of bigger size of tree branches/whole tree constructing HT/LT line. 9911000009 | 50 | Per day per labour | 315 | 15750 |
| | Only Colour/painting work on existing/erected items, two coats of red oxide colour (Appored ISI Mark) and two coats of silver colour (approved ISI mark) ..red oxide & Colours are to br supplied by contractor | | | | |
| A | Painting of steel/MS Fabricated Materials of PSC/RSJ pole of (HT line) 9911000060 | 20 | Nos | 76 | 1520 |
| B | Painting of steel/MS Fabricated Materials of PSC/RSJ pole – HT pole Extension (HT line) 9911000066 | 20 | Nos | 110 | 2200 |
| C | Painting of steel/MS Fabricated Materials of PSC/RSJ pole of (LT line- 4 wire) 9911000065 | 20 | Nos | 56 (per wire 14 rs) | 1120 |
| D | Painting of all steel/MS Fabricated Materials on DP Stucture (without transformer) of PSC/RSJ pole of (Excluding RSJ pole) 9911000059 | 20 | Nos | 235 | 4700 |
| E | Painting of all steel/MS Fabricated Materials on DP Stucture with transformer of PSC/RSJ pole of (Excluding RSJ pole) 9911000059 | 20 | Nos | 480 | 9600 |
| F | Painting of steel/RSJ -100*116 of 9 to 13mtr (Excluding fabricated material) 9911000059 | 20 | Nos | 700 | 14000 |
| G | Painting of steel/RSJ -100*116 of 11 to 13mtr (Excluding fabricated material)Painting of steel/RSJ -100*116 of 11 to 13mtr (Excluding fabricated material | 20 | Nos | 900 | 18000 |
| | Total Rs. (A) | | TOTAL.... | | 499996.00 |
| | Bidder's Offer (+ / -) in % (B) | | | | |
| | Grand Total C = A +/- (A x B) | | | | |
| | (GST Rate: _____%) D = C x GST % | | | | |
| | Grand Total including GST [E = C + D] | | | | |
| | Final Offer (in Rs.): | | | | |
| | Final Offer (in Words): | | | | |

Signature of contractor With seal

Executive Engineer

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U.G.V.C.L. VIJAPUR
Division

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

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by the Engineer in-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 anticlubbing 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 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 alluminium pulleys only the conductor or coil must not be dropped Westage 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 or 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 sited 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

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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 pre-casted cement concrete block will be supplied by the department at his divisional store at VIJAPUR 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 concreting 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

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 be 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 numbering 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. Painting of Transformer Structure.

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All the fabricated materials used on the structure including the steel poles, also should be painted first with on coat of red lead and then with two coats of good quality of aluminum paints should be applied by the contractor at his cost. The paint should be got approved by the Engineer-in-charge before use.

(a) same as above vat for P.S.C. poles.

Signature of Contractor

Executive Engineer
VIJAPUR

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: GENERAL INSTRUCTION TO TENDERERS ::

1.0 Tender are invited for the work of Maintenance of HT,LT ploe ,Painting of pole and pole fabrication work under KUKARVADA S/Dn office under division office VIJAPUR from the contractors/firms who have executed works of similar nature and magnitude successfully and who are registered under appropriate class.

2.0 Tender documents are in two bids system i.e. “Technical Bid” and “Price Bid”.

. 2.1 Technical bid is to be submitted in a separate sealed envelope and super scribing the envelope as **“Technical Bid” as well as on onsite with scanning.** Technical bid should be submitted with documents as under, failing which tender is liable for rejection.

- (i) Solvency certificate issued from any Nationalized Bank amounting to sum equivalent of estimated cost **(Minimum 5.0 Lacs)**
- (ii) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan paid copy is required.
- (iii) Registration certificate in appropriate class as contractor in UGVCL /Irrigation/Central Govt. undertaking / state Govt. undertaking/Railway /Semi.Govt..
- (iv) Latest income tax clearance certificate. With PAN card.
- (v) Experience :-Contractor should produce evidence of having experience in executing similar nature & magnitude of jobs preferably photo copy of orders secured from UGVCL /Central/ State Government /Railway / Semi Government and satisfactory completion certificate from respective department.& Certificate as per requirement for **erection of HT-LT line & T/C work** by authorized officer of Distribution Company.
- (vi) Group Insurance A copy of the insurance policy of the insured laborer’s under W.C. Act.
- (vii) Details of equipments available with the tendered.
- (viii) Electrical contractor license or wireman certificate with engineer registration is required.
- (ix) Tools & tackle Certificate.
- (x) At least Rs. 30 Lacs turn over required in bank Statement(atleast last one year)
- (xi) Copy of the last three annual work orders of erection of HT/LT line & T/C of any Distribution Company is required.

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- (xii) The rate shall be excluding of GST tax. GST will be applicable as per UGVCL rule.
- (xiii) GST Number required as per Gov. Rules.
- (xiv) Income Tax at prevailing rate will be deducted as per Income Tax Act.
- (xv) Any change in rate of GST Tax shall be entertained during contractual period of contract.

The above documents should be submitted in form of attested true copies along with technical bid.

2.2 Both “Technical” bid should be submitted in one common envelope super scribing the name of the work and tender opening date etc.

3.0 Technical bid shall be opened on date -----, at **11.00** hrs. (If possible) in the presence of the bidders, who remains present at that time.

4.0 Earnest money deposit of **Rs. 5900.00** should be deposited in form of DD of Nationalized Bank in favor of **UTTAR GUJARAT VIJ COMPANY LIMITED** drawn on any scheduled Bank, payable at **VIJAPUR**.

5.0 Bidders should complete the tender documents in all respects and they are to be signed with Company’s seal on all pages.

6.0 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.

7.0 **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.

8.0 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.

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Submission of tenders implies that bidders have obtained all necessary information and other data required for executing the work. No claim for extra charges on account of any misunderstanding or otherwise will be allowed.

10.0 All approaches to the site shall be in the scope of bidders.

11.0 Bidders will not be allowed to give sub-contract of the works awarded to im for any, reasons what so ever without permission of the Engineer-in charge.

12.0 In the experience certificate, contractor has to furnish the details of similar works executed by him along with the list of equipments, 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.

13.0 After opening of “Technical bid” no revised price bid from any bidders will be accepted.

14.0 Price quoted shall be firm, till overall completion of the work, under contract and there will not be any price escalation.

15.0 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.

16.0 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.

17.0 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.

18.0 Tenders, which do not fulfill all or any of the conditions of the tender of incomplete in any respect, are liable to rejection.

19.0 UTTAR GUJARAT VIJ COMPANY LTD, reserves the right to reject any or all tenders without assigning any reason thereof.

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20.0 Income Tax at prevailing rate will be deducted as per income Tax Act.

21.0 The rates are inclusive of PF and all other State/Central Government Taxes.

22.0 Moreover contractor shall pay GST tax of his parts on service portion as per prevailing laws.

23.0 The contractor shall disclosed GST tax amount paid by him in the RA / Final bill raised for the execution of the work.

24.0 The copy of GST tax challan paid on previous RA /Final bill should be submitted to UGVCL for reimbursement .

25.0 If any work will not be executed by contractor fully / partly due to non providing of materials by UGVCL , than the amount at appropriate rate will be deducted from the contractors bill , as the amount of non execution of works is already included in the rate of order.

27.0 Terms & condition & other relevant documents is required .

Signature of Contractor
Name Seal, Details address
With phone/fax.

Executive Engineer
VIJAPUR.