



Save Energy for Benefit of Self and Nation



UGVCL
Uttar Gujarat Vij Company Ltd.

CIN – U40102GJ2003SGC042906

PR.NO :-369960 / RFQ.NO:-51103

Tender Notice No MSN CO : /2018

Executive Engineer, UGVCL, Kadi DO invites On-line e-Tender for work of U/G 11kv 185/240/300 mm² XLPE cable and provide & fixing outdoor, Indoor cable box & Straight Joint Kit for work under Detroj Subdivision under kadi Division. Tender Papers & Specifications may be down loaded from Web site <https://ugvcl.nprocure.com> (To view, download and on-line submission) and UGVCL web site www.ugvcl.com (To view & download only). Last date of on line submission is _____, upto 15 hrs .Tender fee may be paid along with submission of tender and its receipt to be kept in the cover containing EMD, for respective tender. “All the relevant documents of tenders to be submitted physically” will be received only by RegisteredPost A.D. or Speed Post addressed to Executive Engineer, UTTAR GUJARAT VIJ COMPANY LTD., DIVISION OFFICE, Kadi. “NO COURIER SERVICE OR HAND DELIVERY” will be allowed.



Save Energy for Benefit of Self and Nation



UGVCL

Uttar Gujarat Vij Company Ltd.

CIN – U40102GJ2003SGC042906

KADI KALOL ROAD - DIVISION OFFICE - KADI(N.G.)382 715

PR NO	369960
RFQ NO	51103

ADVERTISED TENDER

To,
M/s _____

NAME OF WORK:- Tender for work of U/G 11kv 185/240/300 mm² XLPE cable and provide & fixing outdoor, Indoor cable box & Straight Joint Kit for work under Detroj Subdivision (Part-A) under Kadi Division

Estimate cost	Rs1500000/-
Earnest Money	Rs15000 /-
Security Deposit	5% of Tender Value
Last Date of Issue of Tender at	Date: 26/11/2018 at 15:00 hrs
Last Date of receipt of Tender at	Date: 26/11/2018 at 15:00 hrs
Date of opening of Tender(Tech. Bid) at	Date: 27/11/2018 at 15:00 hrs
Date of opening of Tender(Price Bid) at	Date: 28/11/2018 at 15:30hrs
Type of Tender	Item Rate
Tender Fee	Rs1500+ 270(GST)/-
Time Limit	24 Month

Earnest money deposit will be accept in cash or Demand Draft on any Schedule Bank at KADI. In favors of UTTAR GUJARAT VIJ COMPANY LIMITED, Cheque or Bank Guarantee will not be accepted.

NOTE:-Tender copy accepted only by R.P.A.D

Supdts.Accounts(Exp)
U.G.V.C.L. DO KADI

Executive Engineer
U.G.V.C.L., DO, KADI

UTTAR GUJARAT VIJ COMPANY LIMITED**DIVISION OFFICE KADI****PR :- 369960SCHEDULE : B-1 RFQ:-51103****Name of work : Tender for work of U/G 11kv 185/240/300 mm² XLPE cable and provide & fixing outdoor, Indoor cable box & Straight Joint Kit for work under Detroj Subdivision (Part-A) under kadi Division.****Memorandum showing items of Erection work with rates quantity & amount.**

Sr. No	Description of Work	Estimate Qty.	Unit	RATE in Figure	Total
1	2	3	4	5	7
1	Labour charges for Horizontal: State / NH/ TAR Road crossing by push through method at a depth of minimum 4 feet from Ground level & using G.I pipe of size 100/150 mm. The rates are Excluding pipe. Only cable will be supplied by UGVCL	200	MTR	825	165000.00
2	Laying of underground cable-HT/LT cable including digging of pit (1200mm depth,450mm width), spreading of sand at bottom of the trench up to 100mm, Laying of cable at center of trench and covering cable continuously with half round cement pipes of size 1" thick,6" dia and refilling the trench.	2000	MTR	305	610000.00
3	Laying of XLPE - HT/ LT Cable open to air ground to gentry including carting.	200	MTR	175	35000.00
4	Supply of medium grade GI pipe of size 4" dia (Including clamping the cable with pole)	300	MTR	945	283500.00
5	supply of HDPE pipe for laying 11 KV XLPE cable 140 mm diameter & 6 mm thickness as per IS:4985	300	MTR	500	150000.00
6	Supply of route marker of 150mm x 150mm concrete stone UGVCL marked embedded in earth at, at least 300mm below the ground level and 450mm above ground level at distance of approx. 30 meters along the length of cable. The route marker should be painted with UGVCL's blue colour The rate is inclusive of cost of paint	100	NO	295	29500.00

7	Supply of HT push on/heat shrink type straight joint preferably 3m(m-seal) or Raychem make or equivalent for 3 core 185/240/300 Sq mm 11 KV XLPE aluminium conductor armoured cable as specified with connection of leads including cutting stripping of cable insulations providing compression type terminals crimping of lugs with suitable crimping tool	10	NO	8041	80410.00
8	Supply of HT push on/heat shrink type Outdoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 185/240/300 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified	10	NO	6676	66760.00
9	Providing & fixing Earthing of cable using G I Pipe, good quality and as per specification.	4	NO	2200	8800.00
10	Supply of HT push on/heat shrink type indoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 185/240/300 Sq mm 11 KV XLPE cable as per specified	4	NO	5549	22196.00
11	Labour work for only laying of 11kv XLPE 185/240/300mm ² cable in existing trench and close the trench by RCC blocks	300	MTR	80	24000.00
12	Providing all necessary fitting like wooden clamp, nut bolts etc. for Laying of 11 KV XLPE 185/240/300mm ² Cable open to air	30	NO	200	6000.00
13	Providing and Fixing of the PVC cable Tag for HT cable shall be provided at a distance of every 30RMT stating detail as -UGVCL/HT Cable/Feeder Name/SS Name	100	NO	20	2000.00
14	ERECTION OF DOUBLE POLE STRUCTURE OF 8 Mtr X 200 KG PSC POLES INCLUDING EXCAVATION OF PITS AND REFILING OF EARTH, FIXING OF CHANNELS SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, INSULATORS, DO FUSES ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING OF ERECTION OF GUY SET AND EARTHING. APPROVED QUALITY PAINT SHALL BE SUPPLIED BY THE CONTRACTOR	7	NO	1650	11550.00

15	ERECTION OF HT/LT PSC POLES OF 8 Mtr X 200 KG INCLUDING EXCAVATION OF PIT AND REFILLING OF EATH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, INSULATORS ETC, COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTING.APROVED QUOLITY PAINT SHALL BE SUPPLIED BY THE CONTRACTOR	7	NO	675	4725.00
Total Rs. (A)					1499441.00
Bidders offer(+/-) in % (B)					
Grand Total (C) = A +/- (A*B)					
Goods and service Tax D= C x GST % GST Rate: ____% SAC Code:					
Grand Total including GST E= C + D					
Final Offer in RS.=					
Final Offer RS. In words					

The Bidder shall quote Firm Price only.The price quoted will not be subject to any escalation till completion of work.

The Above prices are inclusive of all taxes,levies Duties etc. except Goods & Service Tax (GST). **GST will be paid extra as applicable from time to time on a given taxable goods and /or services**

Contractor's Signature with Seal.

Executive Engineer
UGVCL,Kadi Division

GENERAL INSTRUCTION TO TENDERERS

1.0 Online tender are invited for the work of **U/G work of 11 KV XLPE cable in the area of** Detroj S/Dnoffice under division office KADI from the contractors/firms who have executed works of similar nature and magnitude successfully.

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

2.1 Bidder has to submit tender in one Envelop and in this two different covers should be put. One cover mentioning **Technical bid** on it & another cover mentioning **Commercial Bid** on it. If we receive envelop that do not have two separate sealed covers than those bids are liable to be rejected. Technical bid should be submitted with documents as under, failing which tender is liable for rejection. Also **Price Bid” shall be submit in “ ON LINE” only.**

(i) Vendor Registration Certificate as Class A as a contractor with UGVCL/any Discom of Gujarat/GETCO/GSEC required.

(ii) Solvency certificate issued from any Nationalized Bank amounting to sum equivalent of estimated cost (Minimum 10.00 Lacs)

(iii) Separate EPF code No. allotted by RPFC is required.

(iv) Copy of PAN Card Required.

(V) GST Registration Number Required

(vi) Work order of 7 Lacs in which 11/66KV U/G /Tray Cable laying work to be carried out by contractor with any Discom of Gujarat/Getco/Gsec. Work order copy required for above work.

(vii) Group Insurance – copy of the insurance policy of the insured laborer’s under W.C. Act.

(viii) Electrical contractor license is required.

(ix) Attested copy of power of attorney, if any, for signing the bid documents, if partnership firm/company.

(x) Tender Fee Amt. & EMD amount & DD No. & Date should be mentioned on Cover of Tender fee & EMD with Technical bid cover.

(xi) In case of non-inclusion of any of the attachment with technical bid, the tender will be liable for rejection.

(xii) Payment of Bills will be made through REAL TIME GROSS SETTLEMENT (RTGS) System while submission of bill prescribed RTGS form shall have to be submitted for each Bill by Contractor/Agency.

(xiii) Contractor shall have to work if required in jurisdiction of other Sub Division under Kadi Division

The above documents should be submitted in form of attested true copies along with technical bid. If any documents are not submitted by bidder than do not consider those bidder proposal & do not open price bid of those bidder.

2.2 Both “Technical” &” Commercial” 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 **1%** of Tender amount should be deposited in form of DD of Nationalized Bank infavor of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank, payable at Kadi. No any tender accepted without EMD. The date of D.D of EMD should be in between 10 days from the last date of receipt of tender.

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. Any Tender found with overwriting /correction on the rate will not be accepted.

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.

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 in 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 in complete in any respect, are liable to rejection.

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

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

21.0 The rates are inclusive of PF and all other State/Central Government Taxes , cases and levies but exclusive of service tax .Service Tax @prevailing , if applicable will be reimbursed by UGVCL on production of service Tax paid challan.

22.0 Any change in rate of Service Tax shall be entertained during contractual period of contract.

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

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

25.0 The 90% amount of RA / Final Bill for the execution of the work/ supply will be paid. The with held amount of 10% will be paid after complete inspection of Third party inspection and Nodal inspector.

26.0 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 .

28.0 D.D. for EMD should be kept with “technical bid” only .

29.0 Tender without payment of tender fee will not be accepted.

30.0 Delay /late receipt of tender will be rejected.

31.0 Successful bidder should have to pay security Deposit should be paid through D.D of any Nationalized/ Schedule Bank in favor of Utter Gujarat Vij Company Ltd.” payable at KADI. The Successful bidder shall have to pay 05% Security (work) Deposit of the tender cost, in cash within 10 days from the receipt of the acceptance order. In case successful bidder fails, his earnest money will be forfeited and order cancelled without issuing any notice

32.0 Penalty: - For delay in work / supply occurring on account of reasons other than force major as accepted by UGVCL the contractor will be liable to of penalty at a rate of 0.5% per week subject to maximum 10% of bill value. The condition of delay part of existence of force major condition will have to be given.

33.0 Contractor has to credit Dismantled conductor/material to concern S/Dn Store & stack the material properly

34.0 Bidder should work in presence of supervisor

35.0 Bidder should observe all the safety rules during painting work. Contractor is responsible for any type of Accident/Damage

36.0 In case, it is not possible for the contractor to continue the work either due to heavy rains or other Reasonable causes, such facts should be immediately brought to notice of the Engineer In charge. If the reasons for stopping the work are genuine the Engineer In charge may ask the contractor to start the work again as per condition. The period of such stoppage will not be considered as a part of working days moreover the contractor cannot claim compensation for such stoppage

37.0 Time limit extension will be given if material is not supplied in time and in any case of objection not cleared in time but if materials given in time and there is no any objection, then no time limit Extension will be granted and penalty will be imposed as per rules

38.0 All the works shall be carried out in accordance with latest rules under Electricity Act.2003 After completion of work execution required Tests are to be taken in presence of Engineer In charge

39.0 Executive Engineer,UGVCLKadi DO, reserves the right to accept or reject any or all tenders without assigning any reason thereof

40.0 The rate shall be excluding of GST tax. GST will be applicable as per UGVCL rule

41.0 Any change in rate of GST Tax shall be entertained during contractual period of contract

42.0 UGVCL does not accept any responsibility as Factory Act, Minimum Wages Act Workmen's Compensation Act, Insurance Rules etc .or any other act rules or regulations that have to be Observed by the contractor for carrying out the work

43.0 The contractor will be faulty answerable and responsible for all the material issued to him for the work by the UGVCL any theft and loss or pilferage shall have to be borne by the contractor.

44.0 Loading Unloading of all materials from division store will be borne by contractor

45.0 Material carting from Division store to site will be borne by contractor

46.0 PSC/Girder pole carting at site within two kilometer range will be borne by contractor

47.0 The contractor will be solely responsible for any accident/damage either to equipments or any Human being during the time of execution of work

48.0 All other general terms and conditions as prevailing in the UGVCL shall be applicable to this work Contract.

49.0 The contractor must engage sufficient knowledgeable person round the clock, exclusively for Execution of work

50.0 The contractor has to carry out all the works in accordance with revised and latest provision under I.E .Rule Act (Amended time to time) made there under and as per instruction of Engineer in charge

51.0 Tools, Tackles, Manpower, Crane facilities etc. not be provided by the UGVCL

52.0 The compliances of all Central/State Govt. Rules, safety and Insurance rules etc. and that of local Body is must conditions for the agency

53.0 In case, it is not possible for the contractor to continue the work either due to heavy rains or other Reasonable causes, such facts should be immediately brought to notice of the Engineer In charge. If the reasons for stopping the work are genuine the Engineer In charge may ask the contractor to start the work again as per condition. The period of such stoppage will not be considered as a part of working days moreover the contractor cannot claim compensation for such stoppage.If contractor not carried out the work as per instruction & time limit given by E.I.C then work is completed by some other resource hiring by E.I.C & the Amount incured of work is deducted from contractor Bill

54.0 As regard damages to the materials, equipments, contractor himself will be responsible. If there is any compensation to be paid in respect of "WORKMAN "Compensation Act or any other statutory Provisions, the same will be paid by contractor directly. If he thinks fit, he may take necessary Insurance covering at his cost

55.0 Time limit extension will be given if material is not supplied in time and in any case of objection not cleared in time but if materials given in time and there is no any objection, then no time limit Extension will be granted and penalty will be imposed as per rules

56.0 The erection work should be carried out according to the specification as per instructions and Programmed laid out by the Engineer in charge. Contractor has to ensure safe shifting and erection of all accessories/equipments as per standard norms

57.0 All the works shall be carried out in accordance with latest rules under Electricity Act.2003(with Amendments). After completion of work execution required Tests are to be taken in presence of Engineer In charge

58.0 No higher rate or revised rate will be applicable for the work, if work is held-up/ closed due to Whatever so reasons

59.0 Penalty clause: in case, the work is not completed within the period stipulated in the sub work order, penalty shall be levied at 0.5 per week on the total sub work order subject to maximum 10 % of respective sub work order.

60.0 If work will not be carried out within time limit of sub work order , work will be carried out by other agency at risk and cost of contractor and the amount will be deducted from respective Bill/SD. SDO is authority to decide the agency for non completion of work

61.0 Successful Bidder is bound to work under any other Subdivision under Division Office Kadi in any scheme if require with the same rate, conditions & without any type of extra charges.

62.0 All legal complication of disputes is subject to KADI JURISDICTION ONLY.

GENERAL CONDITIONS

1) Earnest Money Deposit

(A) Earnest money (1% of the estimated cost) as indicated on the face sheet should be paid by the tender along with the tender in cash or by D/D on any schedule Bank in favour of “UGVCL” in which case receipt shall be attached with tender.

(B) Tender will be rejected if E.M.D is not paid.

(C) Earnest money deposit will be forfeited in case the successful tenderer after his tender has been accepted shall refuse to pay the prescribed security deposit and execute the contract.

Validity of Tender:

All tenders shall be opened for acceptance by the Company for a period of 90 days from the date of opening the tenders and may be further extend to 60 days, if required and the tenderer shall be bound to execute the supply on such acceptance.

2) Acceptance of Tenders:

The Company does not bind itself to accept the lowest or any tender either will any reason be assigned for the rejection; it is also not binding on the Company to disclose any analysis report on the tender. 3)

3) Security Deposit:

The lowest tenderer whose tender is accepted shall have to pay 05% Security (work) Deposit of the tender cost, in cash within 10 days from the receipt of the acceptance order. In case successful bidder falls, his earnest money will be forfeited and order cancelled without issuing any notice.

4) Contract documents:

The lowest tenderer whose tender is accepted will have to execute a stamped agreement in standard form of the Company and will have to discharge (sign) the booklet at his own cost. In case of partnership firms, necessary partnership documents will have to be produced for verification on authority to sign the bills measurements enter and into contract as well correspondence with the Company Wherever required necessary power of attorney will have to be produced.

5) Jurisdiction:

Any dispute of difference arising out of or in connection with the contract if concluded shall be subject to the exclusive jurisdiction of Kadi.

6) Materials: Materials are to be supplied at Kadi Division Store/ RSO Office.

7) General:

All tenderers must be submitted in forms provided by this office and must be clearly and legibly filled in. The tenders should be filled in ink. The tenderers are requested to sign wherever mentioned in tender and schedule or rate and if not signed the tender should be rejected.

8) Penalty of late work: Penalty will be lay able as per Company's rules in force, by time to time.

9) The rate should be quoted in percentage higher/lower rate to rate

10) Additions and alterations of any kind in tender forms conditions etc. by the tenderer without the

consent of the undersigned is not permissible.

11) Totaling up of figures:

While quoting the rate per unit against each item tenderness are required to give total cost against each item as well as grand total of the work.

12) Addressing Tenders:

Tenders must be submitted in envelopes which must be properly sealed by the tenderer with their office seal and must be super scribed with following.

[a] Tender No. [b] Opening date and time of the tender. [C] Technical Bid or Price Bid.

It is responsibility of the tenderer to see that the tenders received in the Company's office by RPAD only, within the stipulated time and date.

13) The company's General conditions of contract will apply to all the successful bidders and he is deemed to be fully aware of company's general conditions of the contract for the work in respect of security deposit, terms of payments, penalty for the delivery of supplier etc. and any ignorance of these conditions will not exempt the successful bidder from the company's Rules and regulations in force.

14) Deviation of Specification:

Preference will be given to tendering firms whose rates are in accordance to the tender Specifications.

15) Terms of Payments:

The Bill shall be submitted by the successful bidder after completion of entire ordered work with the supply.

16) Recording of measurements in the presence of successful bidder:

a. In cases of supply/works carried out satisfactorily by the bidder, the bidder by prior intimation from the Company's officers, shall have to witness the recording the measurements on the appointment date within one month of completion of supply either the conditions as specification vide condition No.5 read with condition No.4[b] or tender and supply for works.

b. The company's booklet of tender conditions shall apply and the recording of measurements shall be done within one month of completions of work after replacement of defect by the Company at the contractor's cost, as the case may be and any further delay in the recording of measurement and finalization of the bill due to the fault of the bidder shall be subject to the conditions as laid down in Clause [a].

17) Extension of Time limit:

The time limit for supplying materials is within 30 days from the date of issuing the orders. Extension of time limit if for any reasons, the successful bidder is not in position to carry out the work within the stipulated period , he should put his application to the Engineer-in-charge before one month of expiry of the stipulated time limit or Completion of work for the extension of time limit giving valid reasons for the required extension.

18) The successful bidder will have to give the following under taking:

i. Should this tender be accepted, I/We hereby agree to abide by fulfil all the terms and provisions of the Tender and Contractor of supply as applicable and in default thereof to forfeit and pay to the Company the sum of money due.

ii. The full value of Earnest money deposit paid there with should be absolutely forfeited to the Company should not deposit the full amount of specified Security Deposit.

iii. The Contractor shall be cooperative with the Company (and there by the staff) in recording measurement of bills etc., as expeditiously as possible and he shall fulfil all the requirements which are necessary to finalize his outstanding bills within 6 months from the date of completion of work, failing which, the Company shall finalize the account on the basic of its records, any payment made to contractor- such amount as it is found due to him- together with the amount of Security Deposit, if any remaining payable to him after deducting therefore, claim from him thereafter. The Competent authority can delete any item in Schedule "B" in the tender, if he feels that the rate quoted by the successful bidder for that item is abnormally high when compared to the estimated rate.

SIGHT EXECUTION TERMS & CONDITIONS

1. The Contractor shall consider the site conditions of underground cable laying work before quoting the offer. Contractor must consider the specification as per tender document uploaded on nprocure site.

2. Contractor shall have to strictly follow all the instructions, terms and conditions and concerns by the respective Government authorities. The necessary approval/NOC's etc. is to be obtained by the Contractor from concern R & B/NHAI/AUDA & etc. Govt Authority. Also the contractor shall have to get charging approval from Government competent authority (CEI)

3. All materials used shall be of approved/good quality and as per directions and instructions of Engineer- in-Charge.

4. Work under normal land and at DP structure to be carried out as per instructions by Engineer in charge of UGVCL.

5. Looping of cable is to be done in the ground below DP structure by excavating earth and approximately 06 meters of looping to be laid in the excavated earth on both sides. After which the same shall be filled with sand and warning bricks shall be provided on cable for which no extra payment will be made.

6. Cable removing from drums shall be done with proper care as no damage to the power cable normally 11 KV XLPE 3 core cable of size 150 mm² to 240 mm² (any one size) according to availability will be supplied by UGVCL for laying underground work.

7. Where the cable rise from ground to DP structure the each power cable to be taken separately in 4" (100 mm dia) G.I. pipe for mechanical protection of the XLPE cable GI may be kept approximately 4 meters.

8. The Length, quantity and distance mentioned in Schedule is approximate. It can be increased or decreased. The payment will be made as per actual quantity executed.

9. The Contractor will have to provide cable markers made from 3 mm thick MS plate (400 mm x 260 mm) along with the MS angle of 50 mm x 50 mm size at least 1700 mm long and the same shall be painted in Red & White colour with all the necessary instructions written in English, Gujarati & Hindi language clearly painted on it after which the same shall be concreted with the help of cement, sand, aggregate stone and water as per approved drawings of Railway and as per the direction of Railway authorities.

- 10.** Contractors have to observe the standard norms/rules and regulations of the Railway while lying of cable work under Railway areas, failing which to do so are the responsibility of the Contractor.
- 11.** Empty cable drum to be returned after completion of work, however the site Engineer will issue the required 11 KV XLPE cable for the above work.
- 12.** The Contractor has to ensure that the work would be run smoothly throughout the period of the contract and work should be completed in time.
- 13.** UGVCL, Kadi will not be responsible for any loss, damages etc. as a result of the Contract.
- 14.** Any damages to any of the Government / private property during the execution of work shall be on your account and you shall make good the same. Claims arising out of the damages shall have to be borne and settled by you.
- 15.** All the power cable routes shall be carefully measured and the required cable shall be cut to the required length for laying sufficient length, for the final connection of the cable to the terminal of the equipment. Undue wastage shall be avoided.
- 16.** The company shall not be responsible for any kind of accident during the execution of the work by the contractor. The contractor shall have to hold the responsibilities of any accident that occurs during the execution of the work. The contractor shall settle any issue arising out of any occurrence that takes place during execution of the work; on his own.
- 17.** Contractor has to submit feeder map with signature and stamp mentioning the U/G cable work carried out along with location of straight joint and outdoor/indoor kit location to S/dn and one copy to Division Office. Also, the name of the contractor to be written by marker pen on straight joint and outdoor/indoor kit.
- 18.** Work to be carried out in other sub Division under jurisdiction of Kadi Division in case of emergency.

**Executive Engineer
Kadi Division**

Contractor's Signature.