

Save Energy for Benefit of Self and Nation

**UGVCL**  
**Uttar Gujarat Vij Company Ltd.**



UGVCL/ MSH DO/E-TENDER/2019-20/ No-\_ TENDER ID:- 102/2019

**E-Urja Purchase Requisition No:-401484; RFQ No:- 56243**

Executive Engineer, UGVCL, MEHSANA D.O. invites On-line Tenders for Under ground work of 11 KV XLPE cable in the area of **Mehsana DO**. Tender Papers & Specifications may be **downloaded** from Web site <https://ugvcl.nprocure.com> (To view, down load and on-line submission) and UGVCL web site [www.ugvcl.com](http://www.ugvcl.com) (To view & down load only). 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 Registered Post A.D. or Speed Post addressed to **Executive Engineer, UTTAR GUJARAT VIJ COMPANY LTD., DIVISION OFFICE, MEHSANA** "NO COURIER SERVICE OR HAND DELIVERY" will be allowed. The Agency must have registration in appropriate class with the UGVCL and have executed work of similar nature and magnitude successfully, prior to the date of opening of technical bid of the tender otherwise their bids will not be considered eligible for technical scrutiny and as such, their technical bids will not be opened.

Estimate cost.	Rs. 2537270.00
Earnest Money.	Rs. 29972.00
Security Deposit.	5% of Estimated Cost
Online Preliminary, Technical & Price bid i.e. On line (e-tendering) tender/offer submission last date (This is mandatory)	Date: 16.11.2019 Up to 18.00 Hrs
Relevant documents (By Registered Post A.D. or Speed Post only) submission date	On or before date 18.11.2019 Up to 18.00 Hrs
Date of opening of Tender fee, EMD cover and Technical Bid physical as well as online	Date: 19.11.2019 up to 12.00 Hrs
Date of On line Opening of Price Bid (Tentative, if possible)	Date: 21.11.2019 up to 12.00 Hrs
Type of tender	Item Rate.
Tender Fee	Rs. 2540.00 + 18% (GST)
Time Limit.	24 months

Earnest money deposit will be accepted in cash or by demand draft on any schedule bank at MEHSANA in favour of UTTAR GUJARAT VIJ COMPANY LIMITED, cheques or Bank guarantee will not be accepted.

Tender received through RPAD will be accepted.

SUPDT.ACCTT.  
UGVCL, DO, MEHSANA

EXECUTIVE ENGINEER  
UGVCL, DO, MEHSANA

## **SCHEDULE-B**

**Name of works:** - Annual Rate Contract for Labour charges for underground work for laying 11 kV XLPE cable of approved work in various scheme under Mehsana DO PART – C.

<b>SR NO</b>	<b>ITEAM DESCRIPTION</b>	<b>UNIT</b>	<b>QTY</b>	<b>Supply RATE</b>	<b>Labour RATE</b>	<b>AMOUNT</b>
1	Labour charges for Horizontal: State / NH/ TAR Road crossing by push through method at a depth of minimum 4-5 feet from Ground level & using HDPE pipe of size 110 mm. The rates are Excluding pipe. Only cable will be supplied by UGVCL.	MTR	500	0	825	412500
2	Laying of underground cable-HT/LT cable (Single Circuit)including digging of pit (4FT), Laying of cable with providing cable trench with bricks/half round PCC slab and refilling the trench and have to provide pre-bonding/warning tap.	MTR	4550	0	335	1524250
3	Laying of XLPE - HT/ LT cable open to air ground to Gentry Excluding carting, clamp	MTR	100	0	150	15000
4	Supply of medium grade GI pipe of size 100 mm - 4" inch dia and ISI Make	MTR	50	925	0	46250
5	Supply of HDPE pipe for laying 11KV XLPE cable 110mm diameter & 6 KG/Cm2 as per IS:4984:1955 and having thickness min 5 mm	MTR	455	525	0	238875
6	Supply of route marker of 150mm x 150mm x 750 mm concrete stone UGVCL marked embedded in earth at, at least 300mm below the ground level and 450mm above ground level at distance of approx. 100 meters along the length.	NO	25	400	0	10000
7	Supply of HT push on/heat shrink type straight joint preferably 3m(m-seal) or Raychem make or equivalent for 3 core 120/185/185 Sq mm 11 KV XLPE aluminium conductor armoured cable as specified with connection of leads	NO	10	7655	0	76550
8	Supply of HT push on/heat shrink type straight joint preferably 3m(m-seal) or Raychem make or equivalent for 3 core 240 Sq mm 11 KV XLPE aluminium conductor armoured cable as specified with connection of leads including cutting	NO	2	7880	0	15760

9	Supply of HT push on/heat shrink type straight joint preferably 3m(m-seal) or Raychem make or equivalent for 3 core 300 Sq mm 11 KV XLPE aluminium conductor armoured cable as specified with connection of leads including cutting	NO	2	8040	0	16080
10	Supply of HT push on/heat shrink type Outdoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 120/150/185 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified	NO	10	5982	0	59820
11	Supply of HT push on/heat shrink type Outdoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 240 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified	NO	2	6378	0	12756
12	Supply of HT push on/heat shrink type Outdoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 300 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified	NO	2	6676	0	13352
13	Supply of HT push on/heat shrink type Indoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 120/150/185 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified	NO	5	4953	0	24765
14	Supply of HT push on/heat shrink type Indoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 240 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified	NO	2	5252	0	10504
15	Supply of HT push on/heat shrink type Indoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 300 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified	NO	2	5549	0	11098
16	Providing & fixing Earthing of cable using G I Pipe, good quality and as per specification.	NO	10	0	2200	22000
17	ERECTION OF DOUBLEL POLES STRUCTURE OF 8 Mtr X 200 KG PSC POLES INCLUDING EXCAVATION OF PITS & REFILING OF EARTHING, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAIMPS, ANTI-CLIMBING DEVICES DANGER BOARDS,	NO	2	0	1720	3440
18	ERECTION OF HT 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	NO	2	0	757	1514
19	ERECTION OF DOUBLEL POLES STRUCTURE OF 10 Mtr X 200 KG PSC POLES INCLUDING EXCAVATION OF PITS & REFILING OF EARTHING, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAIMPS, ANTI-CLIMBING DEVICES DANGER BOARDS,	NO	2	0	3604	7208

20	ERECTION OF HT 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	NO	2	0	1674	3348
21	Providing & fixing precast Rubber Dye inter locking concrete block 60 mm thick with grade of concrete M-200, pneumatic compressed by mechanically pressed and as per approved	Cubic Meter	2	0	200	400
22	Providing and Fixing of muffing on PSC Pole/ RSJ pole including cost of Cement, Concrete, Sand(1:2:4), Water as per Specification and instruction of E-I-C	Cubic Meter	2	0	5900	11800
	<b>Total (A) in RS.</b>					<b>2537270.00</b>
	<b>Bidder's offer(+/-) in % (B)</b>					
	<b>Grand Total C= A+/- ( A*B)</b>					
	<b>GST @ 18 % (D= C X 18 %)</b>					
	<b>Grand Total including GST (E=C +D)</b>					
	<b>Final offer in Rs.</b>					
	<b>Final offer in words Rs</b>					

- 1) I/We agree to supply/work the articles noted above at the rates herein tendered by me/us subject to conditions of tender and supply/work at the tender inquiry which I/We have carefully read and which I/We have thoroughly understood and to which I/We agree.
- 2) The above prices are inclusive of all taxes, levies Duties etc. except GST. GST will be paid extra as applicable from time to time on a given taxable goods and/or services.

**Executive Engineer**

**(Contractor's Signature)**

**Mehsana Division**

: GENERAL INSTRUCTION TO TENDERERS::

The mandatory criteria of respective category shall have to be fulfill as under for tender .

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Sr no	Particulars	Qty	Class of Contractors					New vendor
			A+	A	B	C	D	
1	WORK COMPLETION OF Laying of U/G electric cable /or communication cable	Km	Min. 30.0	Min. 25.0	Min. 20.0	Min. 10.0	Min. 1.0	New vendor
2	Work completion of Laying of cable by push through method	Km	Min. 10.0	Min. 8.0	Min. 5.0	Min. 2.0	Min. 0.25	New vendor

3	Work completion of fault finding	Nos.	Min. 25	Min. 20	Min. 10	NA	NA	New vendor
4	Work completion of railway crossing	Nos.	Min. 8	Min. 4	Min. 2	NA	NA	New vendor
5	Installation and commission of RMU	Nos.	More than 20	Min. 10	Min. 5	NA	NA	New vendor
6	Minimum Average Annual Turnover	Rs. in Crores	Min. 2.0	Min. 1.0	Min. 0.5	Min. 0.25	Min. 0.05	NA
7	Bank solvency certificate	Rs. in Lakhs	50	25	10	5	1.00	1.00
8	Year of firm registration/ Establishment	Year	4	3	2	1	1	NA
9	Balance sheet for year	Year	3	2	2	1	1	NA
10	Engineer Supervisor Qualification ( Graduate BE Electrical / Diploma DE Electrical)		BE (Electrical)	BE (Electrical)	BE or DE (Electrical)	DE (Electrical)	DE (Electrical)	DE (Electrical)
11	Valid to quote for the tender of amount	Rs. in Lakhs	Any amount	Up to 30.0	Up to 25.0	Up to 10.0	Up to 5.0	Below 2.0

**1.0** Online tender are invited for the work of **U/G work of 11 KV XLPE cable in the area of** various S/Dn office under division office MEHSANA 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 has EMD /Tender fee & other has Technical Bid. 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) The Contractor must have UGVCL valid vendor Registration Certificate for participating in respective Tender and copy thereof must be attached with/in TECHNICAL BID.
- (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 & Last Six month of current year EPF Challan Paid Copy is required.
- (iv) Income Tax & GST:
  - a. Latest income tax clearance certificate for the year 2016-17 And/or 2017-18/2018-19
  - b. Income tax at prevailing rate will be deducted as per income tax act
  - c. The rate shall be inclusive of PF and all other state/central government taxes, cess and levies.
  - d. The GST/Service at the prevailing rate should be paid as per the rules.
  - e. Regarding conditions of Tax, it will be binding to the contractor at relevant times.
- (v) **Work Experience:** Contractor should submit evidence of having experience in the form of **25 KMS route length of 11 KV cable line, 8 KM Push Through of 11 KV XLPE Cable, 20 nos of Fault Finding**

works of 11 KV HT UG Cable in any Discom under GUVNL & 04 Nos of Railway crossing 11 KV HT 185 sqmm UG Cable with liaison work as well as submitted approve letter copy from DRM office railway crossing permission letter with Liasioning for railway crossing in Discom or above voltage class, 10 nos work RMU Installation and Commissioning and Other relevant document as per UGVCL/SE Tech/Vendor Registration/706 Date 27-06-2019. As well as required work completion certificate for same nature and it should be not below the rank of Executive Engineer with the departments like UGVCL/GUVNL& its subsidiary companies / Central / State Government / Railway / Semi-Government/Public Sector Organization. **The contractor should submit the satisfactory work completion certificate from respective department / organization.** Contractor has also to submit the details of works tendered and in hand with documentary evidence thereof.

- (vi) Group Insurance – copy of the insurance policy of the insured labourer’s under W.C. Act.
- (vii) Electrical contractor license is required.
- (viii) At least Rs. 10.00 Lacs turn over For the Year 2017-18 AND/OR of current year 18-19.
- (ix) Attested copy of power of attorney, if any, for signing the bid documents, if partnership firm/company.
- (x) Contractor should produce GST NO. & PAN CARD Copy.
- (xi) Tender Fee Amt. & EMD amount & DD No. & Date should be mentioned on Cover of Tender fee & EMD with Technical bid cover.
- (xii) In case of non-inclusion of any of the attachment with technical bid, the tender will be liable for rejection.
- (xiii) 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.
- (xiv) **Contractor shall have to work if required in jurisdiction of other Sub Division/ Division under Mehsana Circle.**

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

**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 , cases and levies

**22.0** Any change in rate of GST shall be entertained during contractual period of contract.

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

**24.0** The certified copy of GST 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 withheld amount of 10% will be paid after complete inspection of Third party inspection and Nodal inspector if required.

**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 MEHSANA. 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 DGS&D 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.



## GENERAL CONDITION

### **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) 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 Mehsana.

**6) Materials:** Materials are to be supplied at Mehsana 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

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Completion of work for the extension of time limit giving valid reasons for the required extension.

## TERMS AND CONDITIONS:

1. The successful bidder will have to give the following under taking:
2. 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.
3. 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.
4. 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.
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. **Allocation of work against work order will be finally decided by the Executive Eng Mehsana by looking of Work Emergency/Quality and ability of Contractor under any sub Division of Mehsana and contractor has to strictly follow this without any kind of Obligation.**
4. All materials used shall be of approved/good quality and as per directions and instructions of Engineer- in- Charge.
5. Work under normal land and at DP structure to be carried out as per instructions by Engineer in charge of UGVCL.
6. 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.

7. 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 mm<sup>2</sup> to 240 mm<sup>2</sup> ( any one size) according to availability will be supplied by UGVCL for laying underground work.
8. 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.
9. 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.
10. 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.
11. 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.
12. 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.
13. 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.
14. UGVCL, Mehsana will not be responsible for any loss, damages etc. as a result of the Contract.
15. 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.
16. 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.
17. 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.
18. 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.
19. **Work to be carried out in any sub Division under jurisdiction of Mehsana Division.**

**Executive Engineer  
Mehsana**

**Contractor's Signature**