



Division Office, SIDHPUR-384151
Phone No.: (02767)220347

PR NO	332690
RFQ NO	45954

ADVERTISED TENDER No:20/2017-18

TO,
M/s _____

Name of Work **FOR ERECTION OF HT, LT, T.C.& UG CABLE WORK UNDER N D Scheme For SIDHPUR @ S/DN**

Estimate cost.	Rs. 1596980.00
Earnest Money.	Rs. 16000.00
Security Deposit.	5% of order value.
Last date of download of tender from online	Date: 01-11-2017 On 18.00 Hrs.
Last Date of document received	Date: 02-11-2017 On 15.00 Hrs. (By RPAD)
Date of opening the tender at	Date: 03-11-2017 On 15.00 Hrs. (If Possible)
Type of tender	Item Rate.
Tender Fee	Rs. 1600.00+18% GST Applicable
Time Limit	12 Month

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

EXECUTIVE ENGINEER
UGVCL, DO, SIDHPUR.



DIVISION OFFICE, SIDHPUR PIN-384151, DIST. PATAN

PHONE: (02767)-2220347

Corp. Office: Tel: (02762)222080-81 Fax@02762)223574 Website : www.ugvcl.com E-Mail : corporate @ ugvcl.com

DIVISION OFFICE SIDHPUR

SCHEDULE-B

Work : FOR ERECTION OF HT, LT, T.C.& UG CABLE WORK UNDER N D Scheme For SIDHPUR @ S/DN

Sr. No.	Description of works	Estimate Quantity	Unit	Tendered rate		Total Amount
				Labour Rat	Supply Rate	
1	2	3	4	5	6	7
1	Tapping from Existing pole including fitting of clamps Cross arms Insulators & painting of iron parts as per drawing & specification for HT(9901000001)	5	NO.	278		1390.00
	Erection of 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. Barbed wire 1 KG per Pole of approved quality by the contractor.					
2	(A) PSC Pole 8 Mtr. Long 140 Kg./200 Kg.(9902010001)	12	NO.	625		7500.00
3	(B)Erection of RSJ 9 to 11 MTR Pole.(9902010003)	4	NO.	1120		4800.00
4	(C) PSC Pole 10 MT long 270 Kg.(9902010002)	5	NO.	1815		9075.00
5	Erection of special two pole structure such as tapping Railway Crossing structure and river crossing and structure for strain point with base plate X-arm, cross bracing etc. complete as per drawing and specification with painting numbering fixing of cauti					
	Erection of Transformer 25 KVA to 100 KVA with two pole structure Arrestors, switches distribution box, pipe wiring as per drawing and specification including 2 KG, Barbed wire by the contractor (A) 8 Mtr PSC Pole Structure.(9902030003	2	NO.	5360		10720.00

	Stringing of ACSR and all aluminium conductor with Insulator binding, Jumpering and joining etc. as per specification and drawing.					
6	(A) Stringing of conductor 34 to 55 mm ² size for HT & LT Lines.9903000001	2	KM.	1240		2480.00
7	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.(9902040001)	35	NO.	315		11025.00
8	Erection of ear thing plate/Coil type Inclusive of coke, salt, water etc. as per drawing and specification.(9902040002)	30	NO.	350		10500.00
9	Dismantling of 8Mtr Pole(.9907000017)	10	NO.	465		4650.00
10	Dismantling of Conductor (34 to 55 mm)Craditing to Store 9907000009	2	Mtr	620		1240.00
11	Erection Of DP Structure Using 11mtr RSJ/8Mtr Psc Pole with HG Fuse & A B Switch(9902020010)	4	No	1810		7240.00
12	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. 990600001	540	MTR	825		445500.00
13	Laying of underground cable-HT/LT cable including digging of pit (4FT), Laying of cable with providing cable trench with bricks/half round PCC slab and refilling the trench. 9911000013	1200	MTR	305		366000.00

14	Laying of XLPE - HT/ LT cable open to air ground to Gentry including carting 990600001	200	MTR	175	0	35000.00
15	Supply of medium grade GI pipe of size 4" dia (Including clamping the cable with pole) . 990600001	120	MTR	945	0	113400.00
16	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. 9915020010	30	No	130	165	8850.00
17	Supply of HT push on/heat shrink type Outdoor cable kit preferably 3m(m-seal) or Raychem make or equivalent for 3 core 185 Sq mm 11 KV XLPE aluminium conductor armoured cable as per specified. 9912020001	20	Ezch	5635	1041	133520.00
18	Providing & fixing Earthing of cable using G I Pipe, good quality and as per specification(9912020001)	20	Ezch	1800	400	44000.00
19	PROVIDING & FIXING OF 110MM DIA (4 ") HDPE PIPE OF GOOD QUALITY & ISI MARK UGVCL APPROVED(9911000017)	600	MTR	0	500.00	300000.00
20	Providing & Fixing Of Straight Joint Kit Suitable for 11 KV XLPE Cable(9915020015)	10	No	1041	7000	80410.00
Total Rs.						1596980.00

The rates quote rate ____% above/bellow to the scheduled rates as shown in SCHEDULE -B above.

**Executive Engineer
SIDHPUR**

Contractor's Signature.

(i) UGVCL VENDOR REGISTRATION SHOULD BE ATTACHED WITH TECH. BID.

Sr.No.	Class of Vendor Regis.	Minimum Experience in years	SIDHPUR DO
1	CLASS-A	5 YEARS	Can participate in tender of the erection 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 erection 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 erection 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.

SPECIFICATIONS:

For erection work of 11KV/22KV H.T. transmission lines, LT Distribution lines and transformer sub-stations

1. Erection of H.T.lines:

(a) Site clearing and tree cutting will be done by the contractor at his cost. The company will assist the contractor in getting necessary permission for tree cutting etc. Any claim for compensation in above respects will have to be born by the contractor.

(b) Fixing of positions:

The position of poles structure guys and earthlings will be fixed by the department and shown to the contractor. He should 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 1/6th height of the pole and for grounds of any other nature depth of pit shall be decided by the Department. The poles and guys must not be set at the edge of cuts or embankments where the soil is liable to be washed or eroded out. Such settings should be avoided. While back filling the earth must be packed tight and in no case must earth be dumped of a greater depth than our inches with out being rammed hard before the next layer is thrown in. The cost of damage done to the pole during erection will be recoverable from the contractor no pole which is out of plumb shall be accepted for recording the measurement for work carried out. The poles once handed over to the contractor will be in his safe custody till erected and he is liable compensate to the company the full cost of pole along with supervisor changes if the pole is broken during erection, or stolen from his custody. He should be able to render full amount of the poles entrusted to him whenever the supervising officer demand to scrutinize the same.

(d) Erection of complete single structure:

Erection of single pole structure comprises of excavations of pit and refilling of earth, erection in position of 28 to 33 PSC pole, 60 lbs/ yds to 90 lbs/yd/30 to 42 long rail or suitable size girder or any other suitable pole, fitting of clamps and cross arms, fitting of insulators etc. complete as

per drawing, inclusive of painting numbering fixing of caution board and climbing device.

- (e) Special two pole structure such as for HT line tapping railway crossing any other HT LT or telephone line crossing terminal, structure, structure for transformer sub-station comprises of excavation of suitable pits and refilling of earth erection in position of two Nos. 28 to 33 PSC poles 90-lbs/yd to 90 lbs/yd 30 to 42 long rails of any other suitable poles fitting of clamps and cross arms, bracing cross bracing etc. as per drawing exclusive of mounting transformer but inclusive of mounting D.O. fuses painting numbering fixing of caution Board and anti-climbing device. The D.P. must be in plum. Special structure of included will be erected as per drawing supplied.
- (f) Stringing of conductors:

This includes stringing of stranded and solid bare conductors with fitting of necessary HT IT 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 to protect against cuts, scratches or kinks. The conductor must not be drawn over rough or rocky ground when it is liable to be

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 to be submitted by the contractor. It is important that the conductor must be drawn to the proper tension. The sag and spans will be maintained as per drawing and design. The cross arm and insulators must be so fixed that neither tilts or bends in position. The span and sag however may vary according, to sizes of poles available but these dimensions will not 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. Stringing of V.I.R. line: This consists of VIR wire of different sizes such 3/20 to 7/16 complete with G.I. bearer wire and reel insulators interspaced at a distance of 3 ft.

- (g) Erection of stay set:

The erection of stay set comprises of excavation of suitable pit of 4 depth burying stay rods anchor plate fixing of stay clamp on pole fixing of turn buckle, binding of G.I. 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 and at stay insulator must be even and must be present neat appearance and good workmanship. No stay should be left loose but should be tight and straight to withstand any cyclone or sand storm.

- (h) Earthing:

The arrangement shall be of pipe type earthing as indicated in the drawing. The earthings are to be done at places as indicated in the pole schedule or as selected by the field Engineer. The coke and salt will have to be supplied by the contractor at his cost. Size of pit 2"x2"x6" Mixture of salt and coal dust 5kg. each total 10kg.

- (i) Guarding:

The guarding will have to be provided between crossing of HT and LT lines below all the railway crossings at the crossings of telephone or telegraph lines and such of places as indicated by the department. The work comprises of fixing of guard, cross arms, eye bolt, guard cradle as per design, GI cross lacing wires complete/ Any special type of guarding if required will be designed and erected by the department. Bridling cross arms must be used where the HT line crosses the road, A clearance of 20' must be available for all Road crossings. The poles for road crossings must be contracted

- (j) Painting and numbering:

Rail poles and girder poles shall be given one coat of approved red lead paint and two coats of approved allu. Paint. All steel mounting also painted in a manner shown above. The bolts and nuts shall be dipped in anti corrosive oil before insertion. The lower position of steel poles up to 3 feet above ground level shall be cleaned of all dust. This surface should be given a base coat red lead and an additional coat of block bituminous paint before inserting in the ground. The paints will be supplied by the contractor and should be Jenson Nicholson or Asian Paints or such other well known make and will be got approved from Executive Engineer prior to starting work. All poles should be numbered in block figures of 3" size with a good paint. The paint for numbering should be of weather proof type and got approved in advance.

(k) Concreting:

Brickbat Cement Concreting: Cement concrete for concreting of poles and stay rods should be one part cement, three parts of specified quality sand and six parts of burnt brick bats (1:3:6). The concreting should be done on all strain angle, dead end D.P. Structure, Road and Telephone crossings and as directed on other locations.

(l) Muffling:

Concrete for Muffling of poles and stay rods should be cement one part sand three parts and six parts metal (1:3:6). Muffling is not to be done for PSC poles. Sand shall be clean and composed of hard siliceous grains, It shall be free from clay or organic matter. Metal should be of sound hard and durable stone size $\frac{1}{2}$ " to $\frac{3}{4}$ " sieve.

(m) Mixing of concrete:

Unless otherwise specified the concrete shall be in above proportion and should be thoroughly mixed at least three times in dry state before water is added and as far as possible a fairly wet mixture must be used. All concrete must be mixed on water tight platform. In any case, the work when finished must be absolutely true inline and level and finished off smooth. One finishing coat, of cement plaster should be applied on outer surface of the muffling, the concrete block when slightly dried should be kept wet continuously for period of 10 days. The locations for concreting will be decided by the Engineer in charge and the contractor will follow his instructions scrupulously. If the concreting work is not found as per the specification and quality, the same is liable to be rejected. The brick bat concreting or cement concreting work has to be done in the presence of company representative only and work done in his absence will be rejected and no payment made therefore. The contractor will be supplied cement by the department and the cost of the cement will be recovered from the contractor at the rate of Rs. ___ per metric ton. All the empty bags will have to be returned to department in good condition otherwise a recovery of Rs. 1.00 per bag will be made. The sand, metal brick bats shall be supplied by the contractor. The normal size of concreting of pole will be 5" x 2' x 2 $\frac{1}{2}$ ' that for stay 2x2x2' Muffling for poles shall be 12" dia 2'-0" (1' above and 1' below ground) Muffling for stay shall be 12" dia x 2'.0' (1' above and 1' below ground) The concreting and muffling shall be carried out by the contractor in presence of field Engineer or his representative to ensure that correct quantities are used.

2. TRANSFORMER CENTRE:

The transformer centre will be of out door type on two pole structure as per standard drawing and comprises of:

1. One set of H.T.D.O. fuses.
2. 11/22 KV 25 to 1000 KVA transformer complete with its accessories.
3. One set of HT lightening arrestors.
4. One set of LT lightening arrestors.
5. One dist Box pipes, VIR wires, cross arms and bracings earthing as per drawing etc..
6. Stays with insulators, painting numbering dangers board, anti climbing device. The independent separate pipe type earthings should be provided on either side of the T/C each consisting of one or more earth connections from lightening arrestors transformer neutral transformer tank dist. Box etc.. The cost of damage done to the transformer is recoverable from contractor.

GENERAL:

The work should be strictly as per specifications and approved designs of the company. The inferior and unsatisfactory work is liable to be rejected. The detailed specifications and structural drawings can be supplied for reference at the request of contractor. The work will have to be carried out as per programme laid down by department and under the entire instruction of field engineers and contractor should employ supervisor who could supervise the works through out and he should remain present on site. No tools will be supplied by the department. The work is found inferior and not up to standards of the company is liable to be rejected at the risk and cost of the contractor. Any expenditure incurred for rectification work carried out departmentally or by employing harmony labour will be recovered from his R.A.Bills of the contractor if the contractor fails to rectify the inferior work done by him insists of instructions to rectify the same. Contractor will have to submit the certificate work of the 2nd class wireman under whose supervision the work has been carried out.

IMPORTANT:

Before starting the work (new, alteration or addition) and during the works the contractor must obtain line clear wherever necessary for the concerned officer of this department or other department. For any damage done to the men. Materials or property due to non observance of rules, the responsibility will be of the contractor.

SIGNATURE OF THE CONTRACTOR.

:: GENERAL INSTRUCTION TO TENDERERS ::

1.1 Sealed Tenders are invited for the work of erection of HT/LT line & T/c. and under ground work at SIDHPUR ® S/Dn office under

division office SIDHPUR 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 One bids system i.e. “Technical Bid” i.e On line & Physical

2.1 Bidder has to submit tender in one Envelop and in this covers should be put. One cover mentioning **Technical bid** on it . If than those bids are liable to be rejected. 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 .
- (ii) At least Rs. 20.00 Lacs turn over in Bank Statement For the Year 2017-18
- (iii) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan Bank paid copy is required.
- (iii) The Vender Registration certificate in appropriate class-A as contractor in UGVCL require. The vender registration fees paid challan /receipt attached by bidder will not be acceptable.
- (iv) Latest income tax clearance certificate of year 2016-2017. With PAN card.
- (v) Current year Labour license certificate.
- (vi) Experience :-Contractor should produce evidence of executing similar nature & magnitude of work i.e. **Erection of HT-LT line & T/C and under ground cable work work** from any DISCOM. The Experience certificate of minimum 5 Yr. and satisfactory completion of work ; issued by Executive Engineer of respective division is require.
- (vii) Group Insurance A copy of the insurance policy of the insured laborer’s under W.C. Act.
- (viii) Details of equipments available with the tendered & Tools & tackle Certificate
- (ix) Turn over details year wise on CA Letterhead At least 5 years.
- (x) Copy of the last Five Year annual work orders of erection of HT/LT line & T/C and under ground cable work of any Distribution Company is required.
- (xi) GST registration no must be submitted with tender .
- (xii) Govt. license to electrical contractor issued by Govt. of Gujarat is required.
- (xiii) For contractors should have carried out Underground cable laying work, he has to produce certificate from concern division, stating that they have carried out work satisfactory that not less than 2 KMs. Experience certificate as per requirement for above work by authorized Officer – NOT BELLOW THE RANK OF EXECUTIVE ENGINEER - of Distribution Company under GUVNL

The above documents should be submitted in form of attested true copies along with technical bid with in on line. If any documents are not submitted by bidder than do not consider those bidder proposal & do not open price bid of those bidder, and this tender is liable to rejection.

- 2.2 The sealed price bids comprising of Schedule-'B' should be submitted in ONLINE ONLY.
- 2.3 "Technical" bid should be submitted in one common envelope super scribing the name of the work and tender opening date etc.
- 3.0 Earnest money deposit of Rs. 1% 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 SIDHPUR
- 4.0 Bidders should complete the tender documents in all respects and they are to be signed with Company's seal on all pages.
- 5.0 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.
- 6.0 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.
- 7.0 The rates shall be quoted both in words and figures as per unit specified in schedule-'B' and it should be sticker by the transparent cello tape. In case of any discrepancy between the rates quoted in words & figures, rate quoted in words will prevail.
- 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.
- 9.0 All approaches to the site shall be in the scope of bidders.
- 10.0 Bidders will not be allowed to give sub-contract of the works awarded to him for any, reasons what so ever without permission of the Engineer-in charge.
- 11.0 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.
- 12.0 After opening of "Technical bid" no revised price bid from any bidders will be accepted.
- 13.0 Price quoted shall be firm, till overall completion of the work, under contract and there will not be any price escalation.
- 14.0 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.
- 15.0 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.

16.0 Botls & nuts of appropriate size and quality will be supplied by UGVCL If same are not available with UGVCL & Provided By Contractor Then Rs.65.00 per Kg Will be reimbursed after producing of Bill.

17.0 Materials will be issued strictly as per requirement & not in lot

18.0“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 Sidhpur div.

18.0Rs.50/- will be charged extra if tender will be sent by post.

19.0 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.

20.0 Contractor should observe labour laws as per prevailing rules of Govt. of Gujarat.

21.0 Tree Branches should be trimmed such a way that distance of nearby conductor and trimmed branch must remain 5' Horizontal and 5' Vertically.

22.0 Pin binding of Pin Insulator must be with double strand of conductor.

23.0 Each and every shackle pole must be re jumpered with formation of 'D'.

24.0 Old material removed from line (If any) must be credited in Divn. Store.

25.0 All tools, tackles used in maintenance will be provided by contractor.

26.0 If necessary order of one S/Dn. Will be transferred to other S/Dn. Depending upon requirement of UGVCL Sidhpur D.O.

27.0 The clearance as per I.E rules must be maintained.

28.0 For any dispute jurisdiction of legal will be at Sidhpur.

29.0 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. Other wise Second lowest bidder will be given chance at the rate of lowest-1.

30.0 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.

31.0Tenders, which do not fulfill all or any of the conditions of the tender of incomplete in any respect, are liable to rejection.

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

33.0 Income Tax at prevailing Rate will be deducted as per Income tax Act.

34. A) The GST at the prevailing rate should be paid as per the rules.

1. Contractor shall have to pay whatever applicable taxes prevailing at the time of placement of order execution of work /Bill payment etc.
2. "Since the tender in respect of this LOA/AT was floated under Pre GST Regime, this OA/A/T is issued considering Pre GST (Old Tax Structure), the Contractor has to provide the details of ITC claimed/available under GST for supply of items under this OA/A/T duly certified by a practicing chartered accountant. The content, manner and formal of submission of ITC details will be intimated to the supplier in due course of time, the 20% payment of supply along with GST after adjusting the quantum of ITC shall be made against SR Note and on receipt of details of ITC in the prescribed formal duly certified by a practicing Chartered

Accountant"

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/STATE HIGHWAY & etc. Govt Authority.
3. (Liasoning Work)
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 mm² to 240 mm² (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, SIDHPUR 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. 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 SIDHPUR Division in case of emergency.

Contractor's Signature.

Executive Engineer

SIDHPUR