

Save Energy for Benefit of Self and Nation

UGVCL
Uttar Gujarat Vij Company Ltd.



Tender Notice No MSN CO : /2017

E-Urja Purchase Requisition No:-346492; RFQ No:-47497

Executive Engineer, UGVCL, KADI D.O. invites On-line Tenders for Laying of 2 nos. of 11 kv 185 mm² XLPE electric power cable inside the 300 mm dia. Cast Iron pipe of LA class under railway track using horizontal auger boring machine along with liaising work with the respective Railway Authority in the **area of Detroj, Becharaji sdn under KADI 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 (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, KADI** "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. 1053986.00
Earnest Money.	Rs. 11000.00
Security Deposit.	5% OF Estimated Cost
Last date of online submission of tender	Date :-28.03.18 Up to 14:00 Hrs.
Last date of physical submission of tender	Date :-31.03.18 Up to 15:00 Hrs.
Date of opening the tech. bid	Date :-02.04.18 Up to 16:00 Hrs.
Date of opening the price bid	Date :-03.04.18 Up to 16:00 Hrs. (If Possible)
Type of tender	Item Rate.
Tender Fee	Rs. 1100.00+198.00 GST 18%
Time Limit.	Annual

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

EXECUTIVE ENGINEER
UGVCL, DO, KADI

SCHEDULE-B

Name of works: - Laying of 2 nos. of 11 kv 185 mm² XLPE electric power cable inside the 300 mm dia. Cast Iron pipe of LA class under railway track using horizontal auger boring machine along with liaising work with the respective Railway Authority

Location: Location will be given as per directive by authority.

Sr No	Item Description	Unit	Qty.	Rate	Amount
01	Providing & supply of 300mm dia. heavy grade Cast Iron pipe as per is: 1536/1537 of LA class including loading, unloading, stacking, octroi, insurance, freight, etc complete. The pipe shall be of reputed manufacturer	Meters	100	5720.00	572000.00
02	Lowering, laying, jointing and insertion of 300mm dia Cast Iron pipe of LA class, in proper position, gradient and alignment under the Railway track using horizontal auger guided boring machine by push through method as directed by the Railway engineer's and engineer-in-charge as per the approved drawings of Railway, including cost of jointing materials, labour, excavation, backfilling, re-instatement of excavated earth at a depth of minimum 1.5mtrs. From ground level, etc complete with all tools and tackles, plant and machinery, etc as per approved drawings of Railways.	Meters	40	7972.00	318880.00
03	Lowering, laying, jointing and insertion of 300mm dia Cast Iron pipe in proper position grade and alignment inside Railway boundary by cut and fill method in the Railway embankment as directed by the Railway engineer's and EIC as per the approved drawings of Railway including cost of jointing materials, labour, excavation, backfilling, re-instatement of excavated earth at a depth of minimum 1.5mtrs. From ground level, etc complete with all tools and tackles, plant and machinery, etc as per approved drawings of Railways.	Meters	60	390.00	23400.00
04	Laying of 11kv 185mm ² XLPE cable inside the cast iron pipe by taking the same from store to site and with fixing of cable on both structure as per instructions and directions of Engineer-In-Charge. Care shall be taken to avoid any damages to the xlpe cable.	Meters	250	305.00	76250.00
05	Providing, painting, fabrication and fixing of cable marker as shown in the drawings made from MS plate of 3mm minimum thickness on either sides of crossings by concreting using cement, sand and stone at the shown place in drawings and as per instructions of E-I-C . The necessary details shall be written on it in neat and clean way.	Nos	8	450.00	3600.00

06	Providing of earthing to the XLPE cable armour, along with all necessary materials as per the specifications of the railway authority and the approved drawing issued.	Nos.	02	5608.00	11216.00
07	Providing and fixing of GI pipe on the erected D.P. structure for the mechanical protection of XLPE cable by inserting the cable inside the G.I. pipe as per approved drawings of Railway authority. The G.I. pipe shall be erected in such a way that 01 mtr. Shall be below the ground level and the rest 03 mtrs. Shall be supported on the D.P. structure so that the same can be protected in all conditions.	Meter	16	890.00	14240.00
08	Wooden clamps for holding the XLPE cable on the DP structure.	Nos.	16	350.00	5600.00
09	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	Nos.	4	3000.00	12000.00
10	Supply of HT push on/heat shrink type straight joint preferably 3m(m-seal) or Raychem make or equivalent for 3 core 185 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	Nos.	2	7500.00	15000.00
11	Providing and Fixing metallic vitrified danger notice board for high voltage installation to be erected as per IS.	Nos.	4	450.00	1800.00
A=TOTAL RS.					1053986.00.00
%Above/ Below(B)					
C=TOTAL Estimated Cost RS.=A+/(A*B)					
D=Goods & Service tax=(Total Estimated cost(C) X GST____%)					
E=Grand Total Including GST=(Bidder's offer(C) +Good&service tax(D)					
Final Offer in RS					
Final Offer in Words					

I /we here by agree to carry out above works at the rates..... % above/below. In word..... % above/below.

EXECUTIVE ENGINEER
UGVCL, DO, KADI

: GENERAL INSTRUCTION TO TENDERERS::

1.0 Online tender are invited for the work of **Laying of 2 nos. of 11 kv 185 mm² XLPE electric power cable in side the 300 mm dia. Cast Iron pipe of LA class, confirming to IS:1536/1537;under railway track using horizontal auger boring machine along with liaising work with respective Railway Authority** in the area of various S/Dn office 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) The Contractor must have UGVCL valid vendor Registration (Class-A) Certificate from UGVCL,any Discom of Gujarat,Getco,GSECL 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 8.00 Lakhs)
- (iii) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan Paid copy is required.
- (iv) Income Tax & GST Tax :
 - a. Latest income tax clearance certificate for the year 2014-15 And/or 2015-16
 - b. Income tax at prevailing rate will be deducted as per income tax act
 - c. GST Tax Registration Number
- (v) For contractors should have carried out Underground cable laying work in Railway crossing work by push through method using horizontal auger boring machine with liaising work (minimum 2 nos work order), he has to produce certificate from concern division, stating that they have carried out work satisfactory. Experience certificate as per requirement for above work by authorized Officer – NOT BELLOW THE RANK OF EXECUTIVE ENGINEER - of UGVCL or Distribution Company under GUVNL.
- (vi) Group Insurance – copy of the insurance policy of the insured laborer's under W.C. Act.
- (vii) Electrical contractor license is required.
- (viii) At least Rs. 8.00 Lacs turn over For the Year 2015-16 AND/OR of current year 16-17.
- (ix) Attested copy of power of attorney, if any, for signing the bid documents, if partnership firm/company.
- (x) Contractor should produce TIN 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 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 fulfil all or any of the conditions of the tender of in complete in any respect, are liable to rejection.

19.0 Executive Engineer ,Kadi Division office, 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 Tax 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 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.

26.0 Terms & condition & other relevant documents is required .

27.0 D.D. for EMD should be kept with "technical bid" only .

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

29.0 Delay /late receipt of tender will be rejected.

30.0 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

31.0 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.

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 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) Time limit :

Time limit for the entire work order is 365 Days.

For the location at where the work/works are to be carried out; for this sub work order will be issued for particular work/works and time limit of same for work completion will be with liaising work and all related activities will be 180 Days from the date of issue of sub work order.

18) 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.

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.

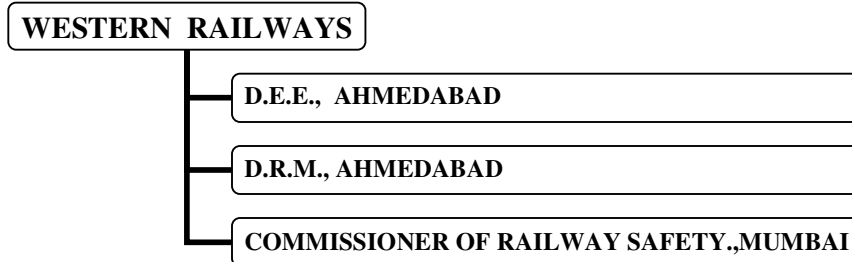
**Signature of Contractor
With Seal**

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Terms & Conditions for work Execution

Permission to carry out the work at site will be allowed only after the written sanction from the office of:



- 01 The contractor shall consider the site conditions for underground cable laying work before quoting the offer
- 02 Contractor shall have to strictly follow all the instructions terms and conditions of concerned railway authorities and the conditions laid by the railways in there approved drawings at the time of execution of work.
- 03 As mentioned in item, contractor shall have to carry out the work using horizontal auger boring machine, only.
- 04 Manual boring will not be allowed in any case
- 05 The contractor shall prepare the necessary size of pit for lowering of machine and for which no extra payment will be made. The surplus excavated earth shall be disposed at a required distance as per the directions of railway authorities.
- 06 As mentioned in the tender item, the required cast iron pipe shall be of an approved make. The contractor shall have to submit the test certificate of the pipe. The pipe shall be laid as per railway approved drawings.
- 07 All materials used shall be of approved / good quality and as per directions and instructions of engineer in charge
- 08 Work under railway boundary / area to be carried out under the supervision of railway authorities.
- 09 Work under normal land and at DP Structure to be carried out as per instructions by engineer in charge of UGVCL.
- 10 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.
- 11 Cable removing from drums shall be done with proper care so as not to damage to the power cable. Normally 11kv xlpe 3 core cable of size 185mm² to 240mm² (anyone size) according to availability will be provided for laying underground work.
- 12 Where the cable rise from ground to DP structure, the each power cable to be taken separately in 4" (100mm dia) G.I. pipe for mechanical protection of the xlpe cable. GI pipe may be kept approximately 4 meters.
- 13 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.

- 14** The contractor will have to provide cable markers made from 3mm thick ms plate (400mm x 260mm) along with the MS angle of 50mmx50mm size at least 1700mm 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. The same shall be concreted with the help of cement, sand, aggregate stone and water as per the approved drawings of railway and as per the directions of railway authorities.
- 15** Contractors have to observe the standard norms/rules and regulations of the railway while laying of cable work under railway area, failing to which, the contract shall have to bear the penalty clause.
- 16** 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.
- 17** 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.
- 18** UGVCL will not be responsible for any loss, damages, etc as a result of the contractor/ Agency.
- 19** Any damages to railway property during the execution of work shall be on your account and you shall make good the same. Claims arising out of damages shall have to be borne and settled by contractor/Agency.
- 20** No compensation/claim will be entertained for any delay caused into starting of work on account of clearance of permission papers from railway authorities.
- 21** Time limit allowed for completion of above works of laying of 11kv XLPE cable under the railway line and other area is **365 days** from the date of issue of order and Dt. of commencing the work.
- 22** All power cables routes shall be carefully measured and cable cut to the required length laying sufficient length for the final connection of the cable to the terminal of the equipment. Undue wastage to be avoided.
- 23** *Time limit for entire execution work i.e. including lashing, various clearance, erection work & others up to handing over will be considered as 180 Days from Dt. of issue of sub work order from DO.*
- 24** Contractor failing to complete the site execution work within 180 days, shall be penalized for the delay and his E.M.D and security deposit is liable to be forfeited taking into account failure of work and necessary action will be taken as per UGVCL's terms and conditions laid in the books of contract.
- 25** The work order awarded in content to this tender shall remain in force from the date of issue of this work order. The time limit of 180 days shall be from the date of issuance of sub-work order.

Signature of Contractor
With Seal

EXECUTIVE ENGINEER
UGVCL, DO, KADI



UTTAR GUJARAT VIJ COMPANY LIMITED



Division Office Kadi Phone No : 02762-222055

Liaising work with Railway

Following are the Railway concerned authorities from whom successful contractor on behalf of UGVCL, MEHESANA will take necessary approval for execution of case in time limit.

OFFICE OF	AUTHORITIES
COMMISSIONER OF RAILWAY SAFETY (C.R.S) WESTERN RAILWAYS HEADQUARTERS (HQ) Ahmedabad Gujarat.	<ul style="list-style-type: none">• CBE• CE(TS)• CESE• DY.CE(B)• XEN/D-II.
DIVISIONAL RAILWAY MANAGER (WORKS) WESTERN RAILWAYS O/o. DIVISIONAL RAILWAY MANAGER AHMEDABAD GUJARAT	<ul style="list-style-type: none">• D.R.M.• SR.DEE(TRD)• SR.DEE(P)• SR.DSTE• SR.DEN(EAST)
WESTERN RAILWAYS,(LOCAL AUTHORITIES) ASSISTANT DIVISIONAL ENGINEER, MEHESANA SR.SECTION ENGINEER (ELECTRICAL), MEHESANA SR.SECTION ENGINEER (P.WAY), PERMANENT WAY INSPECTOR(P.WAY), SR.SECTION ENGINEER (TELECOM), SR.SECTION ENGINEER (SIGNAL),	

The successful contractor to whom the work is awarded has to carryout liaising work with Western Railways on behalf of Kadi Division.

The contractor on behalf of UGVCL, shall deposit necessary preliminary charges(if required) in the Railway Office only after having consent of Engineer In charge and submit the original receipt to our office for getting the reimbursement. After depositing the necessary preliminary charges and the form in the railway office, contractor will have to prepare the site plan after visiting the site with the railway authorities for the site feasibility **In 08 copies**, as per regulations of electrical crossing of the railway track 1987 and Indian electricity rules showing full details of site i.e.

- cross section A-A, (to be prepared as per site)
- cross section B-B, (“ “ “ “ “ “)
- L-section and key site plan along with works terms of conditions of railways
- typical illustration of pipe earth and electrode as per latest IS standards of 1987,
- details of arm our cable
- cable marker dimensions and size
- agreement on stamp paper Of rs.100/- as per Performa of electric supply companies ltd,
- certificate of compliance
- terms and conditions agreed upon with railways
- questionnaire form of railway electrification (with all the 10 supplement details

Successful bidder will hold the entire responsibility from consulting the competent railway authority to getting consent / accordance / approval due, to erection & commissioning of the under ground 11 kv cable railway crossing for which the order has been awarded. For the same, he will bear all the due & legal charges owe to the railway department. The UGVCL will make the reimbursement of such charges paid after verifying the same. Successful bidder will be authorized by the company for carrying out such process & making expenditure on behalf of UGVCL.

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/RAILWAY & etc. Govt Authority.
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**

Contractor's Signature.