

		 (0281) 2227170
	<b>PASCHIM GUJARAT VIJ COMPANY LIMITED</b>	
	<b>CITY DIVISION OFFICE-2,RAJKOT</b> Old Power House Compound , Kanak Road, Rajkot-360001. <b>CIN: U40102GJ2003SGC042908</b>	 eercd2.rajkot@gebmail.com
		<b>Web Site:</b> www.pgvc1.com
		<b>GSTN NO.24AADCP1453C1ZZ</b>

# e-TENDER

- e-Tender No:RCD-2/T-2/20/2017
- Name of Work: Maintenance of HT / LT Lines , Transformer Centers & Cable lying works of Various Scheme for Pradhyumannagar Sdn.
- Name of Division : City Division Office-2 , Rajkot
- Amount of Tender: Rs.8,50,000/-

	 <b>PASCHIM GUJARAT VIJ COMPANY LIMITED</b> <b>CITY DIVISION OFFICE-2,RAJKOT</b> <b>Old Power House Compound , Kanak Road,</b> <b>Rajkot-360001.</b> <b>CIN: U40102GJ2003SGC042908</b>	 (0281) 2227170
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**e-Tender No. RCD-2/T-2/20/2017**

e-Tender for Maintenance of HT / LT Lines , Transformer centers & cable lying works of Various Scheme for **Pradhumannagar** S/Dn.

01. Estimated cost	Rs. 8,50,000/-
02. Start Date of Download of tender	Dt.27.12.2017 on words
03. Last Date of Issue/Download of tender	Dt.12.01.2018 up to 18-00 HRS
04. Last date of Online Submit of tender	Dt.12.01.2018 up to 18-00 HRS
05. Last date of Physical Submit of tender	Dt.15.01.2018 up to 18-00 HRS
06. Last date of opening of tender	Dt.16.01.2018 after 12-00 HRS (If Possible)
07. Price of Tender Fee with GST @ 18%	Rs. 1000/- +Rs.180/-=Rs.1180/- (Incl. GST @ 18%)
08. Type of tender	%Item Base on last rate - valid for 1 Year.
09. Earnest Money Deposit (EMD)	Rs. 8,500/-
10. Time Limit	12 Month / Order Amt. which is earlier.

**INSTRUCTIONS FOR FILLING THE TENDER**

- The Tender fee with GST @ 18% & earnest money should be paid by way of Demand Draft ; otherwise offer will be ignored out rightly. Indian postal orders (IPO's) & Cheques are not acceptable. Demand draft should be in the name of **"Paschim Gujarat Vij Co,Ltd"** , Payable at Rajkot.
- The detailed specification is for general guidance and should be followed, if there is any variation between as prescribed in the schedules and detailed specification former should be adhered to over the later in respect of the variation only otherwise the latter should be adhered to.
- The Security Deposit will have to be paid by successful bidder 5% of the total contract price within 7 days after receipt of LOA at City Division office-2,PGVCL,Rajkot.The amount will be paid in cash / DD or bank guarantee .The bank guarantee of nationalized bank shall be valid up to 90 days after the completion of the entire contract work period.
- The specification of schedule, and the terms and conditions of the booklets of "Tender Contract for Works" shall be binding to the contractors in token of its acceptance.
- The rate contract will be in force for one year from the date of issue of order.  
The tenders are invited on item rate basic for **Maintenance Of HT/LT Line ,T/C & cable lying works of Various Scheme for Pradhumannagar Sdn** Under City Division office-2 ,Rajkot.
- All P.F rules & GST will be applicable to this Tender.
- Contractor have to submit GSTN certificate ,PF, PAN, Solvency / Bank Guarantee, Previous WO, Experience Certificate, Electrical Contractor License issued from Govt. Dept.
- After submission of Online & Physical bids, cancellation can not be done.
- Contractor has to allot all the safety gadgets to their labors as per PGVCL company norms which must be utilized while on work at site otherwise penalty imposed.**

Signature of Contractor with stamp

	 <b>PASCHIM GUJARAT VIJ COMPANY LIMITED</b> <b>CITY DIVISION OFFICE-2,RAJKOT</b> Old Power House Compound , Kanak Road, Rajkot-360001. <b>CIN: U40102GJ2003SGC042908</b>	 (0281) 2227170  eercd2.rajkot@gebmail.com  www.pgvcl.com <b>GSTN NO.24AADCP1453C1ZZ</b>

### **Part - A - (Technical Bid)**

Sr. No.	Particular	Description
1	Name of Work	Maintenance Of HT/ LT Lines ,T/C & Cable lying works of Various Scheme for <b>Pradhyumannagar</b> S/Dn.
2	Tender No.	<b>RCD-2/T-2/20/2017</b>
3	Amount of Tender	Rs. 8,50,000/-
4	Tender Fee with GST @ 18%	<b>Rs.1000+Rs.180=Rs.1180/- ( Incl. GST @ 18%)</b>
5	EMD Fee	Rs. 8,500/-
6	Tender Fee with GST @18% DD No. / Date	
7	EMD Fee DD No. / Date	

### **List of Documents to be submitted with the tender :**

Sr. No.	Document
1	Tender Fee with GST 18% and Earnest Money Deposit DD
2	GSTN Certificate
3	PF Code
4	Solvency Certificate / Bank Guarantee - 20% of Tender Amount
5	PAN Card
6	License of Electrical Contractor
7	Last Annual Work Order No.
8	Experience Certificate of Said type of work from Concern SDO ( Last One Year )
9	Any other Document

**Note: The Copy of all above mentioned documents should be attached with tender in technical Bid invariably. Non submission of the same is to be treated as cancellation of tender or not liable to open or considering of Price Bid.**

Signature of Contractor with stamp

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### Part - B - (Price Bid)

Sr. No.	Particular	Description
1	Name of Work	Maintenance Of HT/ LT Lines ,T/C & Cable lying works of Various Scheme for <b>Pradhyumnagar</b> S/Dn.
2	Tender No.	<b>RCD-2/T-2/20/2017</b>
3	Amount of Tender	Rs. 8,50,000/-
4	Company SOR in Schedule of Rate	<b>Year 2014-15</b>
5	<b><u>Fill up any one</u></b>	<b><u>Compulsory</u></b>
5-A	I accept & agreed & Quoted to work	_____ <b>Tender Amount.</b>
5-B	I accept & agreed & Quoted to work	_____ <b>% Down on Tender Amount.</b>
5-C	I accept & agreed & Quoted to work	_____ <b>% ON on Tender Amount.</b>

**Note: I hereby accept & agreed with the Terms & Conditions of the above said tender & Contract Booklet. The Copy of all documents mentioned in Technical bid (Part-A) has been attached by me with tender in technical Bid Cover. Non submission of the same is to be treated as cancellation of tender or not liable to open or considering of Price Bid. In future I will not raise any legal action against the same. Also I have signed the all the documents attached in Part-A, Tender pages of Part-A & Part-B (digitally) & in Contract Booklet with my firm Authorized stamp.**

Signature of Contractor with stamp

	 <b>PASCHIM GUJARAT VIJ COMPANY LIMITED</b> <b>CITY DIVISION OFFICE-2,RAJKOT</b> Old Power House Compound , Kanak Road, Rajkot-360001. <b>CIN: U40102GJ2003SGC042908</b>	 (0281) 2227170   eercd2.rajkot@gebmail.com <b>Web Site:</b> www.pgvcl.com <b>GSTN NO.24AADCP1453C1ZZ</b>

**-: SCHEDULE : C :-**

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**:: SCHEDULE : D ::-**

Tender Specification and Condition

**Bidders have to submit their offer in 2 (Two Bids) duly sealed cover separately, i.e.**

- a) **Technical Bid**
- b) **Price Bid-Only online submitting.**

All the relevant documents as per requirement of the Tender to be submitted physically along with the DD of **Tender Fee with GST @ 18% & EMD**, in sealed cover on or before due date and time. All such documents should be strictly submitted by RPAD/speed post only. Otherwise the offer will not be considered and no any further communication in the matter will be entertained. Also tender no. & last date of submission must be mention on tender cover. The Following tender document submits in 2 separate sealed cover.

**Cover No.(1)**

Includes **Tender fee with GST @ 18%** DD and EMD DD . Also clearly mention “Tender Fee & EMD” on the cover.

**Cover No.(2)**

Includes all the required Technical documents with “Technical Bid” on cover No. 2.

**All Two cover’s are include in one Big cover & subscribe on this cover “Tender No. & Due Date” All the covers are opened stage wise undersign have rights to reject any party at any stage without given any reason thereof.**

The technical scrutiny committee of PGVCL shall evaluate the technical view of the tender. PGVCL reserves the right to open or not to open the price bid of the bidders on the basis of their past performance of their services.

**Incomplete bids, amendments and additions to bids after opening of the bids will be ignored out rightly.**

**The price bid of those who are technically qualified shall be opened. After technical bid is opened, for modification, if any, all shall be given equal chance.**

**POST TENDER CORRESPONDENCE / ENQUIRIES** ::Any correspondence or enquiry

subsequent to opening of Technical and Commercial bids are not desirable, if the same is indulged into, it will be considered for disqualifying the tender. The tenderer will be required to abstain from pursuing / canvassing the matter, directly or indirectly with any Officers of PGVCL, as otherwise the same would also amount to disqualification of the tender.

1. No deviation in terms & condition in Schedule-B and Technical Specification will be entertained. All the documents related to this Tender shall be final and binding to all the bidders. Any ignorance for this shall not relieve the contractor from their contractual liability arising as per Tender documents.
2. The bids should be valid for a minimum period of **90 days** from the date of opening, during this period no tenderer shall be allowed to withdraw his tender. Any such withdrawal during the said period will entail for forfeiture of Earnest Money Deposit submitted with the tender.
3. Contractor must have GSTN No. / GSTN Certificate and should be attached with Tender Documents ,otherwise bidder shall be disqualified in tender evaluations.
4. The contractor shall have a separate provident fund code of RPFC and the contractor who do not possess separate P.F Code shall not be considered for acceptance of tender. Contractor has to submit such certificate showing separate P.F Code along with tender.
5. **:: PAYMENT OF SECURITY DEPOSIT::**The Security Deposit will have to be paid by successful bidder 5% of the total contract price within 7 days after receipt of LOA at City Division office-2,PGVCL,Rajkot.The amount will be paid in cash / DD or bank guarantee .The

bank guarantee of nationalized bank shall be valid up to 120 days after the completion of the entire contract work period.

6. **:: SIGNING AGREEMENT ::** The contractor will have to sign an agreement as per Company's rules in the prescribed form of the P.G.V.C.L. The cost Rs.100.00 of the Stamp Paper will have to be borne by the contractor.
7. Payment of Bills: As per company's Rules.
8. **:: AVAILABILITY OF MATERIALS AND IDLE LABOUR CHARGE ::** Materials are readily available and arrangement made to procure the rest. However, the contractor should be prepared to carry out the work as and when the materials are received. No idle labour charges will be paid by the PGVCL in case such occasion of idle labour arises, due to want of any materials.
9. PGVCL does not accept any responsibility as Factory Act, Minimum Wages Act, Workmen's Compensation Act, Insurance Rules etc. or any other act, rules or regulations that have to be observed by the contractor for carrying out the work.
10. The contract will be governed by the company as per works terms & conditions of the company.
11. **:: ACCOUNTING OF PGVCL MATERIALS ::** The contractor will be faulty answerable and responsible for all the material issued to him for the work by the PGVCL, any theft and loss of pilferage shall have to be borne by the contractor.
12. **:: PROGRESS OF WORK AND PENALTY ::** You will have to submit fortnightly progress report regularly in duplicate to Engineer In Charge and Executive Engineer , PGVCL, City Division Office-2 , Rajkot. If found that the work is unsatisfactory or not progressing as per schedule then any action would be taken by the PGVCL as may deemed fit to see that work is completed at the risk and cost of contractor. The completion time allowed shall be strictly observed. If the work is not completed within the scheduled period, penalty at the rate of 2% of the contract value (of delayed work) per month or part thereof the contract value subject to the maximum of 10% of the total contract value will be levied. This will be deducted from the bills payable either against this contract or any bank guarantee or any other amount payable under any other contract with the PGVCL.
13. Contractor will not be allowed to work after working hours except in special case, if any.
14. The contractor has to engage required strength of skilled persons for execution of work and proper supervisor to avoid complication and unnecessary delay to complete work timely. The contractor will be solely responsible for labour claims arising out of the labour employed for this job.
15. The tenderer should furnish details of past experience of such job of similar nature completed by him satisfactorily within the time limit in PGVCL will be preferable.
16. The tenderer will be abide by and fulfil at the terms and provisions of the "Tender and contract" for works as applicable and in case of any default there to the PGVCL Company shall forfeit the S.D. or any other action as may be decided by Executive Engineer PGVCL, City Division Office-2 , Rajkot.
17. The contractor has to co-ordinate and co-operate fully with Engineer In Charge and for execution of the works.
18. In case of any dispute doubt, the decision of Executive Engineer PGVCL, City Division Office-2 , Rajkot shall be unchallengeable and final, which will be binding to the contractor.
19. The quantum of work as mentioned in Estimate Schedule-"B" is tentative and it can differ as per site condition. The payment shall be made only on actual work executed or order quantity whichever is less.
20. Security Deposit will be refunded after completion of guaranteed period if any.
21. All legal complication of disputes is subject to RAJKOT jurisdiction only.
22. No higher rate or revised rate will be application for the work, if work is held-up/ closed due to whatever so reasons.
23. R.A.Bill shall be paid by the PGVCL, if it satisfy with the output of works otherwise only final bill shall be paid.
24. The time limit for the work may be reduced and contractor should make all his efforts to complete the work within stipulated time limit as may be given by the Engineer In Charge depending upon emergency of work.
25. The contractor has to remain in closed contact with Engineer In Charge of work who in turn shall issue detailed instruction for the commencement of the work.

26. The contractor has to maintain site register covering all aspects of material received/utilized for day to day work and has to obtain signature of Engineer In Charge.
27. A fresh and valid solvency certificate to the extent of 20% of the ordered value will have to be produced by the contractor and party has to submit attested copy of solvency certificate to the company before commencing of work.
28. Contractor will abide by and fulfil all the terms and conditions and general terms and condition of the contract for works as per company's rules.
29. The contractor will be solely responsible for any accident/damage either to equipment's or any human being during the time of execution of work.
30. All other general terms and conditions as prevailing in the PGVCL shall be applicable to this work contract.
31. Either you or your authorized person should contact our Engineer In Charge as well as City Division Office-2, RAJKOT daily for the availability of materials required for this work, failing to which this work order shall be terminated without giving any notice.
32. Prior institution in writing for starting the job will be given by PGVCL for the work.
33. Contractor will have to make his own arrangement for required all kinds of tools, tackles, required for the execution of work.
34. The cost of damages, if any will be recovered from the Contractor's bill. The assessment of which will be done by Engineer In Charge in consultation with division office, and his sole discretion and his decision shall be binding to the contractor and shall be considered as final and unchallengeable.
35. The contractor will have to give indemnity bond to PGVCL against any possible claim of compensation for damage ton contractor's equipment or any of third parties during the execution of work.
36. The contractor will have to complete entire job as per directive and instruction of engineer in charge. If he fails to do so entire work will be carried out at the risk and cost of contactor.
37. The contactor must engage sufficient knowledgeable person round the clock, exclusively for execution of work.
38. The tender shall be issued to only experienced contactor who has complied such job of similar nature and magnitude satisfactorily in time. However, issuance of blank tender, will does not qualifies the tenderer to officer the bid.
39. The Contractor will governed by the PGVCL general conditions of works contract. The Booklet will be available in the concerned office in any working days. In the event of placing order, the Contractor will be bound to the terms & conditions of the booklet. All the usual terms and conditions of the Company though the same might have not been mentioned in this specification or contractor booklet will applicable to this contract, and the decision of the Executive Engineer PGVCL, City Division Office-2 , Rajkot shall be binding on the Contractor.
40. After completion of the work, all the surplus materials issued by the PGVCL shall be returned by you to the respective Subdivision of the PGVCL as per instruction of Engineer In Charge at your cost.
41. Specification in any items mentioned in tender are subject to change without any prior notice and binding to the contractor.
42. The PGVCL shall deduct the Income-Tax and other taxes as per prevailing rules of all relevant Govt. Authorities from the bill.
43. If the work is required to be carried out during fix outage then the contractor has to deploy adequate man power, material, tools etc. well in advance and has to complete the entire work during this specific outage period only, failing to which Company shall be at liable to deduct the amount of revenue loss due to prolong outage.
44. The tender include all minor accessories and items of work which may not have been specifically mentioned in the specification / Schedule etc. but are essential for completion of work. The contractor will not be eligible for any extra payment in respect of such minor accessories and item of work.
45. The contractor shall not refuse to execute the work order at any time and it will be his sole responsibility to execute and complete this work as per the instruction of Engineer In Charge.
46. For shortage of any materials issued by the PGVCL for the work, recovery shall be made from you, on the basis of prices of the materials (prevailing on the date of settlement of materials account) plus 15% supervision charges.



47. The S.S.I. industries will be exempted from the payment of Security Deposit provided a competency certificate is issued by the Regional Division Officer of the National Small Scale Industries Corporation to the effect that the firm is capable of executing the order.
48. All the materials issued by PGVCL shall be transported to the work site in same day and to be preserved in safe custody failing to which PGVCL shall initiate Police action. Similarly as per instruction of Engineer In Charge, you have to credit the material at PGVCL store without any loss of time failing to which PGVCL shall initiate Police action.
49. Any delay causing extension of outages shall be contractor's responsibility and appropriate amount (in term of Rupees) as decided by Executive Engineer PGVCL, City Division Office-2 , Rajkot shall be recovered from contractor's bill as a penalty.
50. The Executive Engineer PGVCL, City Division Office-2 , Rajkot, reserve rights to reject any or all the tenders without assigning any reasons thereof. Issuance of blank tender does not automatically qualifies the tenderers for award.
51. No tools, tackles, manpower, crane facilities etc. will be provided by the PGVCL.
52. The contractor has to follow all labour laws, safety rules and regulations. The PGVCL does not take any responsibility in case of accident or injury to the workers. The safety, security of men, materials and equipment's shall be sole responsibility of the contractor.
53. The bidder shall specifically note that PGVCL will not pay any extra amount towards any type of claim except for the description indicated in Schedule –A. The party has to carry out all other additional required activities / work as directed by Engineer In Charge which is not mentioned in Schedule but required to be completed as per the site condition and for this work no extra payment shall be made by PGVCL.

**54. : GENERAL ::**

**(a) Electricity Rules:-**

All the works shall be carried out in accordance with latest rules under Electricity Act.- 2003

**(b) Testing:-**

After completion of work execution required Tests are to be taken in presence of Engineer In Charge.

**(c) The interpretation of specifications doubts etc.:-**

In case of any doubts about what is mentioned in specification or schedule of elsewhere, the tenderer should get all doubts cleared from the Department in writing and in advance before filling in the tender. In case of difference of opinion about interpretation of specification etc. the decision of Executive Engineer PGVCL, City Division Office-2 , Rajkot will be final and shall be binding to the contractor.

**(d) Account of material issued :-**

The contractor shall have to maintain accurate day to day item wise account of use of issued materials which shall be got checked from time to time by the Engineer In Charge of the Company. The contractor will be responsible for custody and preserving the issued materials till the work is hand over by the contractor after completion.

**(e)** The contractor has to maintain site register, covering all the daily details of material receipt and utilization, progress of work etc. This register shall be checked and signed by Engineer In Charge and Executive Engineer PGVCL, City Division Office-2 , Rajkot during the site visit as per requirement and exigency of work if deem fit.

The erection work should be carried out according to the specification and as per instruction and programme laid out by the Engineer In Charge of the work.

The quantities mentioned in the accompanying schedule are only approximate. Actual quantities will be decided after detailed survey and the same may decrease or increase according to the site conditions, the department reserves the right for revising or omitting any of the quantities. The quantities actually executed by the contractor will be calculated at the rate given in the contract schedule of the rates binding to the contractor.

The tenders shall remain open for acceptance at least for a period of **90 days** from the date of opening of tenders for processing the work order. PGVCL does not bind itself to accept the lower or any tender. The Executive Engineer PGVCL, City Division Office-2, Rajkot reserves the right to reject any or all tender without assigning any reasons whatsoever.

55. The contractor should employ as a Supervisor with sufficient qualification and experience who could supervise the execution of work throughout. He should always be present on the site. The contractor shall be responsible for breakages, losses and a theft of material during transit or erection after the materials issued from the stores till the completion of work and is taken over by the PGVCL. The execution of work should be commenced as per the instruction of the Engineer in Charge as per actual requirement and should be completed within the time limit there after.
56. **WORKING DAYS: -** In case, it is not possible for the contractor to continue the work either due to heavy rains or other reasonable causes, such facts should be immediately brought to notice of the Engineer In Charge. If the reasons for stopping the work are genuine the Engineer In Charge may ask the contractor to start the work again as per condition. The period of such stoppage will not be considered as a part of working days moreover the contractor can not claim compensation for such stoppage.
57. As regard damages to the materials, equipment's, contractor himself will be responsible. If there is any compensation to be paid in respect of "WORKMAN" Compensation Act or any other statutory provisions, the same will be paid by contractor directly. If he thinks fit, he may take necessary insurance covering at his cost.
58. The Contractor shall co-operate with the PGVCL for taking measurement etc. as early as possible and he shall fulfil the entire requirement which is necessary to finalize the accounts. The competent authority can delete any item in schedule of the tender if he feels that the rate quoted by the contractor for the item is abnormally high when compared to the estimated rates.
59. Time limit extension will be given if material is not supplied in time and in any case of objection not cleared in time but if materials given in time and there is no any objection, then no time limit extension will be granted and penalty will be imposed as per rules.
60. **DELIVERY OF MATERIAL :-** All material / equipment required for this work as per Schedule shall be delivered at any store Canters of RAJKOT jurisdiction and contractor has to take delivery from these stores at his own only.
61. The contractor shall not refuse to execute this work order at any time and it will be his sole responsibility to execute and complete this work as per the instruction of Engineer In Charge.
62. The erection work should be carried out according to the specification as per instructions and programmed laid out by the Engineer in charge. Contractor has to ensure safe shifting and erection of all accessories/equipment's as per standard norms.
63. **Stop deal / Black listed contractor / supplier in GUVNL or its any subsidiary company should not be participated in tender competition, if found the offer of the contractor / supplier should be out rightly rejected.**
64. **Contractor / Supplier has to submit a certificate at the time of submitting his offer stating that he is not stop deal / black listed contractor / Supplier in GUVNL or its any subsidiary company.**
65. PGVCL have reserve to right that contractor are bounded to work in periphery of City circle area of any subdivision.

Signature of Contractor with stamp

	 <b>PASCHIM GUJARAT VIJ COMPANY LIMITED</b>	 (0281) 2227170
	<b>CITY DIVISION OFFICE-2,RAJKOT</b> Old Power House Compound , Kanak Road, Rajkot-360001. <b>CIN: U40102GJ2003SGC042908</b>	 eercd2.rajkot@gebmail.com
		 <b>Web Site:</b> www.pgvcl.com
		<b>GSTN NO.24AADCP1453C1ZZ</b>

**-:: SCHEDULE :: B ::-**

**RECOMMENDED SCHEDULE OF LABOUR RATES BY COMMITTEE FOR CAPITAL WORKS FOR THE YEAR 2014-15**

(The Labour rates are excluding of GST charges.)

Sr No	Code No	Details of Works	UNIT	Rate Rs.
1	990100001	HT TAPPING FROM THE EXISTING POLE INCLUDING FIXING OF CROSS ARMS, CLAMPS ANTI- CLIMBING DEVICES, DANGERBOARD, INSULATORS ETC. COMPLETE AND PAINTING OFFABRICATED MATERIALS AND NUMBERING COMPLETE WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO.	250
2	9902010001	ERECTION OF <b>PSC POLES</b> OF 8 Mt./200 KG INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO	600
3	9902010003	ERECTION OF <b>STEEL POLES</b> OF 9 TO 11 METERS INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OF CROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF STEEL POLE, FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO	1032
4	902010005	ERECTION OF <b>STEEL POLE</b> OF 13 METERS FOR RAILWAY CROSSING ON BG/MG/NG LINE FOR 0.400/11/22KV OVERHEADLINES I.E INCLUDING EXCAVATION OF PIT & REFILLING OF EARTH, FIXING CROSS ARMS, TOP FITTING CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF STEEL POLES, FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	NO	1188
5	9902020001	ERECTION OF DOUBLE POLE STRUCTURE OF 8 METERS 200 KG <b>PSC POLES</b> INCLUDING EXCAVATION OF PITS & REFILLING OF EARTHING, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	NO	1438
6	9902020007	ERECTION OF DOUBLE POLE STRUCTURE OF 9 TO 11 METERS. <b>STEEL POLE</b> INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS ETC. COMPLETE & PAINTING OF POLES, FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO	2125
7	9902020004	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, HG FUSES OF 8 MTRS 200 KG <b>PSC POLES</b> INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, FIXING OF CHANNELS SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, INSULATORS, DO FUSES ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING OF ERECTION OF GUY SET AND EARTHING.	NO	1625

8	9902020010	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF FAB SWITCH, HG FUSES, <b>9 TO 11 METERS STEEL POLES</b> INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, FIXING OF CHANNEL, SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, INSULATORS, ETC. COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED IN POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO	2250
9	9902020026	ERECTION OF DOUBLE POLE STRUCTURES WITH MOUNTING OF FAB SWITCH, HG FUSES, TRANSFORMERS, LIGHTNING ARRESTORS, DISTRIBUTION BOX. OF 8 METERS 200 KG AND <b>PSC POLES</b> INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACINGS CROSS ARMS CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	NO	5000
10	9902020027	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF FAB SWITCH, HG FUSES TRANSFORMERS, LIGHTNING ARRESTORS, DISTRIBUTION BOX <b>9 TO 11 METERS STEEL POLES</b> INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH CARTING OF TRANSFORMERS FROM STORE TO SITE, FIXING OF CHANNELS SUPPORTING ANGLES, BRACING, CROSS ARMS, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTIONS OF GUY SETS AND EARTHING.	NO	5625
11	9902040001	ERECTION OF GUY SET INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH AS PER STANDARD SPECIFICATION WITH STAY CLAMPS, STAY WIRE, ANCHOR ROD, TURN BUCKLE, EYEBOLT, GUY INSULATOR, CEMENT CONCRETE BLOCK ETC. BUT EXCLUDING CONCRETING.	NO	313
12	9905010001	CONCRETING OF POLES, GUYS, ETC. INCLUDING COST OF CEMENT SAND METAL (1:2:4) AND WATER ETC. AS PER STANDARD SPECIFICATION.	CMT	5250
13	9902040002	ERECTION OF COIL/PLATE TYPE EARTHING INCLUDING COST OF COAL SALT ETC. BUT WITHOUT COST OF GI WIRE AS PER STANDARD SPECIFICATION	NO	500
14	9902040004	ERECTION OF STREET LIGHT FIXTURE COMPLETE WITH CLAMPS, BRASS NIPPLE, BRASS HOLDER TECK WOOD BUSH, REFLECTORS FUSE, WIRING ETC. AS PER STANDARD SPECIFICATION BUT EXCLUDING COST OF MATERIALS.	NO	188
15	9903000001	STRINGING OF 30MM <sup>2</sup> ACSR / 34MM <sup>2</sup> , 55MM <sup>2</sup> AAC CONDUCTOR FOR 11/22KV & LT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.	ONE COND. PER KM	1250
16	9903000003	STRINGING OF GI WIRE 8 SWG INCLUDING BINDING JUMPERING ETC.	DO	625
17	9904010002	PROVIDING SINGLE PHASE SERVICE CONNECTION WITH PVC 2.5MM TWIN CORE CABLE FROM TERMINAL POLE TO METERING POINT INCLUDING FIXING OF METER WITH METER EARTHING COMPLETE WORK AS PER STANDARD SPECIFICATION BUT EXCLUDING COST OF MATERIALS.	NO	225
18	9904010001	PROVIDING THREE PHASE 4 WIRE SERVICE CONNECTION WITH PVC 4MM <sup>2</sup> /10MM <sup>2</sup> FOUR CORE CABLE FROM TERMINAL POLE TO METERING POINT INCLUDING FIXING OF METER WITH METER EARTHING COMPLETE WORK AS PER STANDARD SPECIFICATION BUT EXCLUDING COST OF MATERIALS.	NO	312
19	9902040006	ADDITIONAL COST FOR EXCAVATION OF PIT IN HARD ROCK AREA FOR ERECTION OF POLE/ GUY ETC. AS PER STANDARD SPECIFICATION OVER & ABOVE NORMAL COST COVERED AGAINST EXCAVATION OF PIT UNDER NORMAL SOIL FOR ERECTION OF POLE, GUY, DOUBLE POLE STRUCTURE EARTHING WITH THE APPROVAL OF SUPDT. ENGINEER.	NO	206
20	9906000002	PROVIDING GUARDING TO HT LINE ON ROAD/ RAIL CROSSING.	MTR	28
21	9906000001	PROVIDING GUARDING OF LT LINES ON ROAD/ RAIL CROSSING.	MTR	28
22	9901000002	LT LINE TAPPING- SINGLE PHASE	NO	28

23	9901000003	LT LINE TAPPING- THREE PHASE	NO	55
24	9911000026	LAYING OF OVERHEAD LT CABLE FOR ROAD CROSSING,HT LINE CROSSING AND TELEPHONE LINE CROSSING ETC.(PER SPAN)	Per Span	157
25	9902030022	ERECTION OF SINGLE POLE STRUCTURES WITH, HG FUSES, TRANSFORMERS, LIGHTENINGARRESTOR, DISTRIBUTION BOX. ON 8 METERS 200 KG AND PSC POLE INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES,BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICESDANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC.COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OFGUY SETS AND EARTHING.	NO	2300
26	9902030024	ERECTION OF SINGLE POLE STRUCTURES WITH, HG FUSES, TRANSFORMERS, LIGHTENINGARRESTOR, DISTRIBUTION BOX. ON 9 to 11 METERS RSJ POLE INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES,BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICESDANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC.COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OFGUY SETS AND EARTHING.	NO	2875
27	9902120002	ERECTION OF SINGLE POLE STRUCTURES WITH, HG FUSES, TRANSFORMERS, LIGHTENING ARRESTOR, DISTRIBUTION BOX <b>ON EXISTING 8 METERS 200 KG PSC POLE</b> INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES,BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICESDANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC.COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OFGUY SETS AND EARTHING.	NO	1725
28	9902120001	ERECTION OF SINGLE POLE STRUCTURES WITH,HG FUSES, TRANSFORMERS, LIGHTENING ARRESTOR, DISTRIBUTION BOX <b>ON EXISTING 9 to 11 METERS RSJ POLE</b> INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES,BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICESDANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC.COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLE AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OFGUY SETS AND EARTHING.	NO	1850
29	9902020028	ERECTION OF PSC POLES OF 10 Mt./270 KG INCLUDINGEXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OFCROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATEDMATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO	1750
30	9902020029	ERECTION OF DOUBLE POLE STRUCTURE OF 10 METERS 270 KGPSC POLES INCLUDING EXCAVATION OF PITS & REFILLING OFEARTHING, FIXING OF CHANNELS, SUPPORTING ANGLES,CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS,INSULATORS ETC.COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDINGERECTION OF GUY SETS AND EARTHING.	NO	3625
31	9903000002	STRINGING OF 100MM2 ACSR/100MM2 AAAC CONDUCTOR FOR 11/22KV & LT LINES INCLUDING FIXING OFINSULATORS, BINDING JUMPERING ETC.	ONE COND. PER KM	2375
32	9903000006	STRINGING OF ABC OF FOLLOWING SIZES INCLUDING FITTING OF ALL ACCESSORIES I.E. SPECIAL DESIGN SUSPENSION/TENSION CLAMP. FIXING OF CROSSARM, LT SHACKLE INSULATOR, & DIRECTED BY ENGINEER-IN-CHARGE. (i) 3x50mm2+16mm2+1x35mm2 (ii) 3x50mm2+16mm2+1x25mm2	MTR	25

33	9903000007	STRINGING OF ABC OF FOLLOWING SIZES INCLUDING FITTING OF ALL ACCESSORIES I.E. SPECIAL DESIGN SUSPENSION/TENSION CLAMP. FIXING OF CROSS ARM, LT SHACKLE INSULATOR,ETC. FOR FIXING OF MESSENGER WIRE COMPLETE, AS REQUIRED & DIRECTED Item BY ENGINEER-IN-CHARGE. (i) 1x35mm <sup>2</sup> + 1x25mm <sup>2</sup>	MTR	12.5
34	9903000008	STRINGING OF 11KV ABC OF FOLLOWING SIZES IN RURAL/URBAN AREA INCLUDING FIXING OF CROSS ARM, SSPECIAL DESIGN SUSPENSION/TENSION CLAMP, BINDING TO PIN INSULATOR, PREPARING SHCKLE POINT JUMPERS ETC. AS REQUIRED AND DIRECTED BY ENGINEER-IN-CHARGE. (I) 3X95MM <sup>2</sup> +1X80MM <sup>2</sup> (II)3X70MM <sup>2</sup> + 1X70MM <sup>2</sup>	MTR	31
35		ERECTION OF DOUBLE POLE STRUCTURE OF 10 METERS 270 KG PSC POLES INCLUDING EXCAVATION OF PITS & REFILLING OFEARTHING, FIXING OF CHANNELS, SUPPORTING ANGLES,CLAMPS, ANTI-CLIMBING DEVICES DANGER BOARDS,INSULATORS ETC.COMPLETE AND PAINTING OF FABRICATEDMATERIALS USED ON THE POLES AND NUMBERING WITH COST OF PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	NO	6250
36	9501110017	Providing Nut-bolt by Contractor	kg	70

Note:- 75% Labour Charge will be deducted if painting is not done.

**PASCHIM GUJARAT VIJ COMPANY LTD**

Labour Rates for Maintenance work of HT / LT Line and Transformer Centre for the year 2014-15 .  
(Excluding GST charges)

All Rates are with transportation charges / All material including - M.S. Nut-Bolts of all size will be supplied by PGVCL / Paints & Color to be purchased by the contractors.

**A) HT -LINE MAINTENANCE WORK.**

Sr. No	Labour code	Item	Unit	Rate Rs.
1	9908000001	Replacement of <b>V-X-Arm</b> with transportation, etc painting	Set	150
2	9925000002	Straightening of tilted- <b>V -Arm,Top fitting / LT X-Arm/ Tapping Angle</b>	Set	56
3	9925000003	Dismantling of Old <b>V-X-Arm</b> with <b>Top fitting / LT X-Arm/ Tapping Angle</b> from existing pole.	Set	81
4	9925000004	Fixing of <b>V-X-Arm</b> with <b>Top / LT - X- Arm/ Tapping Angle</b> on existing naked pole with color	Set	112
5	9925000005	Refixing & Changing height of <b>V-X-Arm / LT-X-Arm / Tapping Angle</b> Projection Brackets.	No	125
6	9925000006	Dismantling of Old deteriorated <b>PSC Pole</b> with all Fabrication - with crediting fabrication at field store.	No	469
7		Dismantling of Old deteriorated <b>PSC Pole</b> with all Fabrication - with crediting fabrication at field store.(If intact and re-useable)	No	625
8	9925000007	-do- but <b>M.S. Girder Pole / Rail Pole / Tubular Poles</b> etc. (Any Size)	No	688
9	9925000008	-do- but <b>D.P.</b> Structure set of <b>PSC Poles</b>	Set	938
10		-do- but <b>D.P.</b> Structure set of <b>PSC Poles</b> .(If intact and re-useable)	Set	1250
11	9925000009	-do- but <b>D.P.</b> Structure set of <b>M.S. Girder Poles</b>	Set	1375
12	9925000010	Replacement of 11 KV Pin Insulator with providing new double pin bindings.	No	41
13	9925000011	Replacement of old 11 KV Pin Insulator by new 22 KV Pin Insulator with rod and providing double pin bindings and check nuts etc.	No	55
14	9925000012	Re-Pin binding with cleaning of 11 KV / 22 KV Pin Insulator.	No	14

15	9925000013	Replacement of old 11 KV Disc Insulator by New one with binding etc.	No	87
16	9925000014	Providing 11 KV double disc insulator with binding etc.	No	112
17	9925000015	Replacement of Old jumpers and Providing new double jumpers with 8" binding and PVC pipe etc.	No	56
18	9925000016	Replacement of existing A.C.S.R./All Alu. Conductor up to 55 mm <sup>2</sup> by <b>new one / coated conductor</b> with pin binding including transportation and crediting to store etc.	Per Cond Per KM	2000
19	9925000017	Replacement of existing 11 KV conductor by 0.1 A.C.S.R./ AAAC DOG conductor with new double pin binding.	Per Cond Per KM	2750
20	9925000018	Re-stringing of 11 KV A.C.S.R./AAAC Conductor & L.T. Line conductor (All size) with new double pin binding between two location.	1 wire Per Span	56
21	9925000283	Re-stringing of 11 KV Aerial Bunch Cable (All size) between two location.	Per Span	169
22	9925000019	Removal / Dismantling of ex. HT / LT Line conductor (All Size)	Per Cond Per KM	813
23	9925000020	Straightening of tilted PSC Poles / Girder Poles	No	188
24	9925000021	Dismantling of guy set comp. with rod (If possible)	Set	94
25	9925000022	Re-tightening in all respect of loose guy set.	Set	94
26	9925000023	Providing new guy insulator and tightening of guy set / Repairing etc	Set	125
27	9925000024	Trimming / Cutting of tree branches as per instruction.	Tree Branches	37
28	9925000025	Providing 11 KV projection brackets in place of old V-X- Arm	Set	313
29	9925000026	Providing H.T. / L.T. proj. brackets (Combined) in place of ex. Old V-X Arm / L.T. X-Arm etc.	Set	438
30	9925000027	Providing LT projection brackets in place of old L.T. X-Arm etc.	Set	313
31	9925000028	Dismantling of exist. HT / LT proj. brackets	Set	150
32	9925000029	Providing bracing angle set in ex. D.P. ( 4-Angles)	Set	188
33	9925000030	Straightening of tilted D.P. Set ( PSC / Girder pole) with refilling of stones, morum etc.	Set	500
34		-do- additional cable in sand trench with additional bricks for separating both cables.	Mtr	125
35	9925000032	Re-activation of earthings of poles	No	313
36	9925000033	Repairing and providing HT / LT Guarding with straightening of G.I. Wire & providing lacings at 1 Mtr dist. As per specification with using I - Rod etc.	Per Mtr	19
37	9925000034	Providing name of 11 KV fdr in "Gujarati" only on PSC / Girder Poles with providing back ground colour on poles with two coats of colour and size of letters to be 2 to 3" in approved ISI colour (Asian Apeolite, Three Mengo including all materials.	No	25
38	9925000035	Providing Pole No with S/S code No, S/Dn Code No. / Fdrs Code No. / T.C. Code No. etc. with back ground colour and hight of letters to be 2 to 3" I.S.I. approved colour (A.A. 3 Mengo ) including all materials.	No	25
39	9925000036	Providing New 11 KV A.B./ G.O. Switch with fabrications and insulated color code jumpers / bindings lug etc.	Set	750
40	9925000037	Providing new 11 KV D.O. Fuse with fabrication and insulated color code jumpers / binding / lugs etc	Set	750
41	9925000038	Replacement of old 11 KV A.B. / G.O. Switch with providing new insulated color code jumpers / bindings / lugs etc.	Set	1000

42	9925000039	Replacement of old 11 KV D.O. Fuse unit comp.	No	125
43	9925000040	Providing C.C. ex. HT / LT Line Poles, Guy Sets etc as per sp. with all materials by contractors including cement in 1:2:4 ratio as per sp it also includes excavation & relavent works and muffing.	Cmt	5250
44	9925000041	Providing Muffing in stone masonry in cement mortar 1:5 for X'mers as per sp. with all materials by contractors including cement without excavation work.	Cmt	2750
<b>Only colour work on ex. Items. ( 2 coats ) of red oxide colour and two coats of silver colours I.S.I. Asian Apcolite 3 mengo colour to be used.</b>				
45	9925000042	1] V-X-Arm / Tapping Chennal or Angle with all fiting.	No	69
46	9925000043	2] L.T. -X-Arm + '-do-	No	59
47	9925000044	3] H.T./L.T. Proj. brackets complete	Set	182
48	9925000045	4] H.T. Proj brackets	Set	100
49	9925000046	5] L.T. Proj. brackets	Set	100
50	9925000047	6] C Clamp	No	13
51	9925000048	7] M.S.Girders 100x116 / Rail & Angle & Tubular Poles (9 to 13 Mtrs Long)	No	725
52	9925000049	8] M.S. Girders poles (150x150x11 to 13 Mtrs.)	No	825
53	9925000050	9] D.P. Structure + All fabrications. (PSC Poles)- without Bracing	No	213
54	9925000051	9] D.P. Structure + All fabrications. (PSC Poles)-with bracing	No	400
55	9925000052	10] '-do- Transformer Structure set - PSC/Girder Pole.	Set	500

**Note:- Dismantled Items should be credited in divisional store / RSO**

**B) LABOUR CHARGE FOR L.T.LINE AND SERVICE CONNECTION MAINTENANCE WORK.**

56	9925000053	Replacement of LT X-Arm comp. & crediting in Store.	Set	156
57	9925000054	Replacement of LT Pin or shackle insulator by new one with double binding and climbing etc.	No	13
58	9925000055	Re-binding of L.T. Pin / shackle insulator.	No	9
59	9925000056	Replacement of old deteriorated C – clamp	No	13
60	9925000057	Providing spacer between L.T. Line condutor with binding etc.	No	19
61	9925000058	Providing cage type loop guard in vertical L.T. Line with using PVC real insulator etc.	No	37
62	9925000059	Replacement of old jumpers by new thick insulator color code jumpers for bare conductor with using PVC Pipe and providing 8” long binding on each jumpers.	No	37
<b>Providing wooden chhapari board or M.S. Box with wooden plate inside on pole with 8 clamp etc. including fixing of K.K. Fuses up to 63 Amp &amp; Neutral link with giving cable connections on poles and in fuses.</b>				
63	9925000060	3 Fuse	No	94
64	9925000061	5 Fuse	No	144
65	9925000062	More Than 5 Fuse with respect to item No. 8.b	Per fuse	19
66	9925000063	Replacement & Laying of O/H LT.- PVC Cable for road / HT line / P&T line / Crossing with using G.I Wire No.8/10 & PVC Real & Egg insulators etc. with connection of lugs etc up to 70 sq.mm	One Span	169
67	9925000064	Replacement & Laying of O/H LT. - PVC Cable for road / H.T. Line / P&T Line / Crossing with using G.I. Wire No. 8/10 & PVC Real & Egg insulators etc.with connection of Lugs,etc. for 95 sq.mm & above.	One Span	250
68	<b>Replacement of service lines with MMB &amp; meters with all acceseries as under:</b>			
69	9925000065	<b>1 Phase Conn.</b> Replacement of Service lines with Meter Box & meters by using G.I Wire No.8/10, Real insulator at the distance of 1.0 Mtr , two nos. of egg insulator , wall fast , service angle , PVC Service pipe etc. at equal vertical distance with giving connections of service.	No	307



70		-do- without meter box and meter	No	225
71	9925000066	<b>3 Phase Conn.</b> Replacement of Service lines with Meter Box & meters by using G.I Wire No.8/10, Real insulator at the distance of 1.0 Mtr , two nos. of egg insulator , wall fast , service angle , PVC Service pipe etc. at equal vertical distance with giving connections of service.	No	363
72		-do- without meter box and meter	No	257
<b>Labour charge for replacement of Meter Box without meter.</b>				
73	9925000067	1 Phase Conn.	No	57
74	9925000068	3 Phase Conn.	No	75
<b>Labour charge for replacement / providing of meter and Meter Box</b>				
75	9925000069	1 Phase Conn.	No	82
76	9925000070	3 Phase Conn.	No	107
<b>Replacement of meter / providing only</b>				
77	9925000071	1 Phase Conn.	No	32
78	9925000072	3 Phse Conn.	No	50
<b>Labour charge for installation of 3 phase Meter Box &amp; 3 phase Meter on T.C. complete in all respect including carting of materials from respective store as per instruction of</b>				
79	9925000074	In City Area	Set	375
80	9925000075	In Rural Area	Set	500
<b>Providing leads of service wires on L.T. Line with 8 to 10 turns with insulation and 8 to 10 turns of bare wire with L.T. Line conductor and providing insulated PVC tape on it.</b>				
81	9925000076	Per 1 Phase S/C.	No	9
82	9925000077	Per 3 Phase S/C.	No	16
83	9908000127 9925000132	Replacement of CTPT UNIT	No	900
84	9908000128 9925000135	Extra Guy Without Guy road is to be erected especially where HT / LT	No	140
85	9908000129 9925000133	Removal of HT Sheckle point and same is to be converted to Pin Point	No	750
86	9925000238	Erection of Girder Pole of 11 Meter	No	735
87	9909000004	Carting of Girder Pole From RSO to Site or any where to Site	No	125
88	9908000130	Conversion of Single 11KV Circuit in to Double 11 KV Circuit	Per Pole	565
89	9902070004	Laying of 185mm <sup>2</sup> XLPE Cable With the Depth of 4ft with use of RCC half Round	Per Mtr.	280
90	9903000005	Providing of Areal Bunch Cable	Per Mtr.	15
91	9925000226	Replacement of existing LT line by Providing Areal Bunch Conductor	Per Mtr.	25
92	9925000268	Refitting & Resagging of 1Phase Service Only	Per Service	35
93	9925000269	Refitting & Resagging of 3Phase Service Only	Per Service	50
94	9925000291	Replacement of incoming and Out Going Cable From 200 KVA Dis. Box	Per Cable	190
95	9908000131	Removal Existing LT Sheckle Point	Per Shackle point	135
96	9908000132 9925000134	Providing LT Sheckle Point in the Existing LT Circuit	Per Shackle point	135
97	9908000133 9925000107	Providing Guy Support with Girder Pole	No	200

### C) LABOUR CHARGE FOR TRANSFORMER MAINTANANCE WORK

Sr. No	Labour code	Item	Unit	Rate Rs.
98	9925000078	Replacement of old jumpers by new insulated cover cable jumper/biding/lugs etc. etc from L.A. to D.O. fuse or D.O. fuse to T/C.	No	31
99	9925000079	Replacement of old 200 KVA distribution box complete with making all connections with crimping of lugs, tapping, neutral	No	1125

100	9925000080	Replacement of old 100 KVA distribution box complete with making all connections	No	625
<b>Dismantling of existing distribution transformer center 25,63,100 &amp; 200 KVA with all fabrication and crediting the old material in sub-Division/Division</b>				
101	9925000081	PSC Pole	Set	2313
102	9925000082	Girder Pole	Set	2688
<b>Dismantling of existing distribution transformer center above 100 KVA with all fabrication and crediting the old material including Distribution Transformer in sub-Division/Division store.</b>				
103	Newly adopted	PSC Pole	Set	2750
104	Newly adopted	Girder Pole	Set	3125

**Laying of 11 KV XLPE Cable for Various Feeders (size 150/185 mm<sup>2</sup>) under RCD-2. laying of 11 KV underground cable**

**Rate for the Year 2015-16**

**Annexure-B**

Laying, testing & commissioning of 11 KV underground PILC/XLPE cable (PILC/ XLPE cable to be supplied by PGVCL) with cable and termination and straight through jointing Kits (to be supplied by contractor) under jurisdiction of PGVCL.

Sr No	Description	UNIT	Rate Rs.
1	Excavation of trench 0.5 meter wide and 1 meter deep for laying of HT/LT underground cable of size up to 300mm <sup>2</sup> PILC or XLPE. (The cable should be laid on bed of sand and to cover cable with half round RCC pipe 6" internal dia. And length of 1 meter along with each bottom and top.) The entire trench thereafter should be refilled with earth duly rammed up to ground level as per drawing No. PGVCL/Tech/UG Cable/01/2014-15. (Pro-rata charges may be given for extra digging.)	Meter	77
2	Excavation of trench 0.75 meter wide and 1 meter deep for laying of double HT/LT underground cable of size up to 300mm <sup>2</sup> PILC or XLPE. (The cable should be laid on bed of sand and to cover cable with half round RCC pipe 6" internal dia. And length of 1 meter along with each bottom and top.) The entire trench thereafter should be refilled with earth duly rammed up to ground level as per drawing No. PGVCL/Tech/UG Cable/02/2014-15. (Pro-rata charges may be given for extra digging.)	Meter	116
3	Laying / re-laying of cable in cable trench and from ground level to Pole structure for providing outdoor cable joints.	Meter	32
4	Laying / re-laying XLPE/PILC cable by digging of pits, removal of old cable and laying of new cable on sand bed as per item No.1 above	Meter	97
5	Widening & refilling with earth duly rammed the trench for laying additional No. of cable. For Item No.1 above.	Meter	32
6	Add : Charges for digging of Tar road for laying of cables over and above digging of pit in normal soil as per Sr.No.1.	Meter	25
7	Laying of underground 11 KV XLPE Cable by push and pool method (Manual) through with HDPE Pipe 140mm diameter, 6mm thickness or 6" or 4" diameter GI Pipe without damaging surface of the rod by Horizontal boring / drilling method (excluding cost of HDPE Pipe or 6" or 4" GI Pipe) as per drawing and specification.	Meter	322
8	Laying of underground 11 KV XLPE Cable by push and pool method (by Horizontal directional machine) through with HDPE Pipe 140mm diameter 6mm thickness or 6" or 4" diameter GI Pipe without damaging surface of the rod by Horizontal boring / drilling method (excluding cost of HDPE Pipe or 6" or 4" GI Pipe) as per drawing and specification.	Meter	773
9	Moulding of cable joints (straight joints, indoor and outdoor) for PILC Cable – labour charges.	Nos.	773
10A	Moulding of cable joints (straight joints, indoor and outdoor) for XLPE Cable – labour charges, for Urban area.	Nos.	1804
10B	Moulding of cable joints (straight joints, indoor and outdoor) for XLPE Cable – labour charges, for Rural area	Nos.	2191
11	Moulding of cable joints (straight joints, indoor and outdoor) for LT PVC Cable	Nos.	580
12	Supply of HDPE pipe for laying 11 KV XLPE Cable 140mm diameter and 6mm thickness as per IS: 4985.	R-Meter	606
13	Supply of HDPE pipe for laying 11 KV XLPE Cable 100mm diameter and 6mm thickness as per IS: 4985.	R-Meter	495

14	Supply of half round RCC Hume pipe 6" internal diameter and length of 1 meter	Nos.	116
15	Supply of medium grade GI Pipe of size 6" diameter (including clamping the cable with Pole)	R-Meter	1547
16	Supply of medium grade GI Pipe of size 4" diameter (including clamping the cable with Pole)	R-Meter	1108
17	Supply of RCC Hume Pipe of 6" internal diameter for laying cable for double circuit and road crossing	R-Meter	245
18	Supply of sand 0.300 X 0.500 X 1.00 meter (layer at bottom of cable trench approx. 0.15 CMT) as per Drg.No. PGMVCL/Tech/UG Cable/01/2014-15	R-Meter	43
19	Supply of sand 0.300 X 0.750 X 1.00 meter (layer at bottom of cable trench approx. 0.225 CMT) as per Drg.No. PGMVCL/Tech/UG Cable/02/2014-15	R-Meter	64
20	Rate of Route Marker Providing, supplying & fixing route marker of C.C. 1:2:4, 150mm X 150mm X 750mm concrete stone (PGMVCL marked with approved yellow colour) embedded in earth at least 300mm below the ground level and 450mm above ground level at distance approximately 100 meter or as directed by Engineer-In-Charge (this includes material and labour charges for excavation and refilling.)	Nos.	155
21	Laying of 11 KV XLPE Cable Size 150 mm <sup>2</sup> to 185 mm <sup>2</sup> at Road Crossing by Mechanical Boaring as per Specification and schedule C,J,K,L.	Mtr	850
22	Laying of 11 KV power cable from 70mm <sup>2</sup> to 225mm <sup>2</sup> with excation of 3 Feet depth cable trench and refilling the same with providing bricks layers and refilling the same with sand / marrum upto ground level as per specification.	Mtr	375
23	When ever Cable Fault is Found at thet time Digging of land for Removal Cable Fault	No	165
24	Laying of 185mm <sup>2</sup> XLPE Cable use of RCC half round pipe in the hard Soil / rock	Per Mtr	550
25	Laying of 11 KV XLPE Single cable from 70 mm <sup>2</sup> to 225 mm <sup>2</sup> in existing RCC pipe trench without excavation of 450mm x 1200 mm cable trench without providing bricks layers and refilling the sand up to normal level as per specification.	Mtr	219
26	Erection of Double pole structure with mounting of PT units , 11 KV Sectionaliser (Remote / Scada Communicable ),Distribution Box to 11 meters steel pole including excavation of pits & Refilling of earth, fixing of channels , supporting angles ,clamps ,anti-climbing devices Danger boards ,conductor and cable wiring etc. complete & painting of poles and numbering with cost of paints as per standard specification but excluding erection of Guy set and earthing.	No	5625
<b>Total Tender Value (Rupees in Words: Eight Lacs Fifty thousand only)</b>			8,50,000.00
As Per Company Rate			
As Per Above Company Rate			%
As Per Below Company Rate			%

Note:-1. Every steel material is to be used with proper painting. All above work is to be carried out as per specification & directive of engineer in charge.

2. The above rates are inclusive of transportation of New material and crediting of Dismantled material to store.

3. Nuts and Bolts will be provided by the PGMVCL.

GST will be Paid Extra On Actual payment of GST if Applicable. Party has to clarity % GST in Rate Quotation & GST Payment receipt should be produce with bill.

Signature of Contractor with stamp

**Executive Engineer (O&M),  
PGMVCL., City Dn-2, Rajkot**



Drg. No. 01



Drg. No. 2