

# **DIVISION OFFICE, VISNAGAR.**

REQUI.NO.-346036

**RFQ NO.-47518** 



FOR ERECTION OF HT, LT LINE & T.C. WORK

UNDER VISNAGAR-II (O&M) S/DN DARK ZONE SCHEME



### **TENDER:-031/18**

E-Tender for : Erection of HT,LT Line & T/C work of HT Line under VISNAGAR-II S/Dn DZ Scheme.

(1)	Estimated Cost.:-	RS. 998503.00					
(2)	Earnest Money Deposit:-	Rs. 10,000.00					
(3)	Security Deposit :-	5% of Order Value					
(4)	Last Date & Time of	Date :- 17.03.18 On					
	<b>Receiving on line Tender:-</b>	15.00 Hrs.					
(5)	Date & Time of Opening of	Date: - 20.03.18 On					
	Tender.(If Possible)	15.00 Hrs. (If Possible )					
(6)	Tender Fee :-	<b>Rs. 1000+ 18%</b>					
	(Non Refundable)	GST					
(7)	DD No.& Date.	No.	Dt.				
(8)	Time Limit:-	1 Year					
(9)	Page 1 to 13						
(10)	Physical submission of	By RPAD/ Speed Post only upto 16.00					
	tender(Tech. bid)	hrs on date					

Supdt.A/c(Exp) UGVCL, Dvn.Visnagar

**Executive Engineer**, UGVCL, Dvn. Visnagar

#### To be Filed in the Tender.

(1)	Tendered Value :		
	(To be filed by the Contractor)	<b>Rs</b>	
	Paid vide DD No	_ Date	Rs
(2)	Earnest Money Deposit		
	Paid vide DD No	_ Date	Rs
(3)	Sales Tax No.		

Date :
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	UTTAR GUJARAT VIJ COMP	PANY LIMITEI	D, DIVISION	OFFICE,VISNA	GAR.	
		SCHEDULE.B	<u>- (I)</u>			
	MEMORANDUM SHOWING ITE	EMS OF EREC	TION WITH	RATE QTY.& A	AMOUNT	
	Name of Work :-Erection of H.T.,L.T	.&T.C For	VISNAGAR	-II Sub Divisio	n DZ Scheme.	
		Labour cost	(A)			
τ.		Quantities		Tender	red Rates	Total amount
Items No.	item of work	estimated out or less	UNIT	In Figure Rs. Ps	In words	according to estimated quantities
1	HT TAPPING FROM THE EXISTING POLE INCLIDING FIXING OF CROSS ARMS,CLAMPS, ANIT-CLIMBING DEVICES, DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS AND NUMBERING COMPLETE WITH COST OF PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING. Code No.9901000001	60	NO	278	Two hundred seventy eight	16680
2	ERECTION OF PSC POLES OF 8 Mtr X200 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 PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND	300	NO	675	Six hundred seventy five	202500
3	EARTING. Code No.9902010001 ERECTION OF PSC POLES OF 10 Mtr	2	NO	1815	One	3630

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11-13 Jan.

					I	
	X 270 KG INCLUDING				thousand	
	EXCAVATION OF PIT AND				eight	
	REFILLING OF EARTH, FIXING OF				hundred	
	CROSS ARMS, TOP FITTING CLAMPS				fifteen	
	ANTI-CLIMBING DEVICES,					
	INSULATORS ETC, COMPLETE AND					
	PAINTING OF FABRICATED					
	MATERIALS USED ON THE POLES					
	AND NUMBERING WITH COST					
	OF PAINTS AS PER STANDARD					
	SPECIFICATION BUT EXCLUDING					
	ERECTION OF GUY SET AND					
	EARTING.					
	Code No.9902010002					
	ERECTION OF STEEL POLES OF 9					
	TO11 METERS INCLUDING					
	EXCAVATION OF PIT AND					
	REFILLING OF EARTH, FIXING OF					
	CROSS ARMS, TOP FITTING					
	CLAMPS ANTI.CLIMBING DEVICES,				One	
	DANGER BOARD, INSULATORS				thousand	
4	ETC.COMPLETE AND PAINTING OF	2	NO	1120	one	2240
	STEEL POLE, FABRICATED				hundred	
	MATERIALS USED ON THE POLE				twenty	
	AND NUMBERING WITH COST OF					
	PAINT AS PER STANDARD					
	SPECIFICATION BUT EXCLUDING					
	ERECTION GUY SET AND					
	EARTHING. Code no .9902010003					
	ERECTION OF STEEL POLE OF 13				ľ	
	METERS FOR RAILWAY CROSSING					
	ON BG/MG/NG LINE FOR					
	0.400/11/22KV OVER HEADLINES					
	I.E.INCLUDING EXCAVATION OF					
	PIT & REFILLING OF EARTH, FIXING				0.75	
	CROSS ARMS, TOP FITTING				One	
5	CLAMPS, ANTI. CLIMBING DEVICES	2	NO	1315	thousand three	2630
5		2	NO	1212	hundred	2030
	DANGER BOARD, INSULATORS				fifteen	
	ETC. COMPLETEAND PAINTING OF					
	STEEL POLESFABRICATED					
	MATERIALS USED ON THE POLES					
	AND NUMBERING WITH COST OF					
	PAINT AS PER STANDARD					
	SPECIFICATION BUT EXCLUDING					

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	1	1	1		1	
	ERECTION OF GUY SETS AND					
	EARTHING. Code no .9902010005					
	ERECTION OF DOUBLEL POLES					
	STRUCTURE OF 8 Mtr X 200 KG PSC					
	POLES INCLUDING EXCAVATION OF					
	PITS & REFILING OF EARTHING,					
	FIXING OF CHANNELS, SUPPORTING					
	ANGLES, CLAIMPS, ANTICLIMBING				One	
	DEVICES DANGER BOARDS,				thousand	
6	INSULATIORS ETC. COMPLETE AND	2	NO	1650	six	3300
	PAINTING OF FABRICATED				hundred	
	MATERIALS USED ON THE POLES				fifty	
	AND NUMBERING WITH COST OF					
	PAINT AS PER STANDARD					
	SPECIFIATION BUT EXCLUDING					
	ERECTION OF GUY SETS AND					1
	EARTHING.Code No.9902020001					
	ERECTION OF DUOUBLE POLE					
	STRUCTURE OF 10 METERS PSC			4030	Four thousand thirty	8060
	POLE INCLUDING EXCAVATION OF					
	PITS & REFILLING OF EARTH, FIXING					
	OF CHANNELS, SUPPORTING					
	ANGLES, CLAIMPS, ANTI-CLIMBING					
	DEVICES DANGERS BOARDS,					
7	INSULATORS ETC.COMPLETE &	2	NO			
	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.Code No.9902020025					
	ERECTION OF DOUBLE POLES					
	STRUCTURE OF 9 TO 11 METERS.					
	STEEL POLE INCLUDING					
	EXCAVATION OF PITS & REFILLING					
	OF EARTH, FIXING OF				two	
_	CHANNELS, SUPPORTING ANGLES,				thousand	
8	CLAMPS, ANTI. CLIMBING DEVICES	2	NO	2335	three	4670
	DANGER BOARDS, INSULATORS				hundred	
	ETC.COMPLETE & PAINTING OF				thirty five	
	POLES,FABRICATED MATERIAL					
	USED ON THE POLES AND					
	NUMBERING WITH COST OF					

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	PAINTS AS PER STANDARD					
	SPECIFICATION BUT EXCLUDING					
	ERECTION OF GUY SETS AND					
	EARTHING. Code No.9902020007					
	ERECTION OF DOUBLE POLE					
	STRUCTURE WITH MOUNTING OF					
	AB SWITCH, HG FUSES OF 8 Mtr X					
	200 KG PSC POLES INCLUDING					
	EXCAVATION OF PITS AND REFILING					
	OF EARTH, FIXING OF CHANNELS					
	SUPPORTING ANGLES, CLAMPS,				One	
9	ANTICLIMBING DEVICES, DANGER	2	NO	1910	thousand	2620
9	BOARDS, INSULATORS, DO FUSES	2	NO	1810	eight hundred	3620
	ETC. COMPLETE AND PAINTING OF				ten	
	FABRICATED MATERISL USED ON				ten	
	THE POLES AND NUMBERING WITH					
	COST OF PAINT AS PER STANDARD					
	SPECIFICATION BUT EXCLUDING OF					
	ERECTION OF GUY SET AND					
	EARTHING. Code No.9902020003.					
	ERECTION OF DOUBLE POLE					
	STRUCTURE WITH MOUNTING OF					
	AB SWITCH, HG FUSES 9 TO 11					
	METERS STEEL POLES INLDUING					
	EXCAVATION OF PITS AND					
	REFILLING OF EATH, FIXING OF					
	CHANNEL, SUPPORTING ANGLES,				Two	
	CLAMPS, ANTICLIMBING				thousand	
10	DEVICES, DANGERS BOARDS,	2	NO	2370	three	4740
	INSULATIORS, ETC. COMPLETE AND				hundred	
	PAINTING OF POLES FABRICATED				seventy	
	MATERIALS USED ON THE POLES					
	AND NUMBERING WITH COST OF					
	PAINT AS PER STANDARD					
	SPECIFCIATION BUT EXCLUDING					
	ERECTION OF GUY SET AND					
	EARTHING. Code No.9902020010					
	ERECTION OF DOUBLE POLES					
	STRUCTURES WITH MOUNTING OF				Five	
	AB SWITCH, HG FUSES,				thousand	
11	TRANSFORMERS, LIGHTENING	60	NO	5360	three	321600
	ARRESTORS, DISTRIBUTION BOX		-		hundred	
	ETC. OF 8 Mtr X 200 KG. PSC POLES				sixty	
	INCLUDING EXCAVATION OF PITS					
		1	l	l	1	l

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	AND REFILING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICES, DANGER BOARDS, CONDUCTOR AND CABLES 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. Code No.9902030003					
12	ERECTION OF DOUBLE POLES STRUCTURES WITH MOUNTING OF AB SWITCH, HG FUSES, TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX ETC. OF 10 Mtr X 270 KG. PSC POLES INCLUDING EXCAVATION OF PITS AND REFILING OF EARTH, CARTING OF TRANSFORMERS FROM STORES TO SITE, FIXING OF CHANNELS, SUPPORTING ANGLES, BRACINGS CROSS ARMS CLAMPS, ANTICLIMBING DEVICES, DANGER BOARDS, CONDUCTOR AND CABLES	1	NO	7430	Seven thousand four hundred thirty	7430

	ANTICLIMBING DEVICES, DANGER BOARDS, CONDUCTOR AND CABLES 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. Code No.9902030003				thirty	
13	ERECTION OF DOUBLE STRUCTURE WITH MOUNTING OF AB SWITCH, HG FUSES TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX 9 TO 13 METERS STEEL POLES INCLUDING EXCAVATIONS OF PITS & REFILING	1	NO	6160	Six thousand one hundred sixty	6160

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	OF EARTH CARTING OF					
	TRANSFORMERS FROM STORE TO					
	SITE, FIXING OF CHANNELS					
	SUPPORTING ANGLES, BRACING,					
	CORSS ARMS CLAMPS,					
	ANTICLIMBING DEVICES, DANGERS					
	BOARDS, CONDUCTOR AND CABLE					
	WIRING ETC. COMPLETE AND					
	PAINTING OF POLES FABRICATED					
	MATERIALS USED ON THE POLES					
	AND NUMBERING AS PER					
	STANDARD SPECIFCATION BUT					
	EXCLUDING ERECTIONS OF GUY					
	SETS AND EARTHING. Code					
	No.9902030007.					
	ERECTION OF GUY SET INCLUDING					
	EXCAVATION OF PITS & REFILING					
	OF EARTH AS PER STANDARD					
	SPECIFICATION WITH STAY CLAMPS,				Three	
14	STAY WIRE ANCHOR ROD, TURN	360	NO	315	hundred	113400
	BUCKLE, EYEBOT, GUY INSULATORS,				fifteen	
	CEMENT CONCRETE BLOCK ETC,					
	BUT EXCLUDING CONCRETING.					
	Code No.9902040001					
	ERECTION OF GI PIPE/GI COIL/CI					
	PLATE TYPE EARTHING INCLUDING					
	COST OF COAL SALT ETC.BUT				Three	
15	WITHOUT COST OF PIPE/GI COIL/	450	NO	350	hundred	157500
	GI PLATE, GI WIRE AS PER				fifty	
	STANDARD SPECIFICATION. Code					
	No.9902040002					
	STRINGING OF 30MM2					
	ACSR/34MM2,55MM2,AAAC				One	
	CONDUCTOR FOR 11/22/KV & LT				thousand	
16	LINES INCLUDING FIXING OF	38	KMS.	1240	two	47120
	INSULATORS, BINDING				hundred	
	JUMPERING ETC. Code				forty	
	No.9903000001					
	STRINGING OF 100MM2 DOG				Two	
	CONDUCTOR FOR 11/22/KV HT				thousand	
17	LINES INCLUDING FIXING OF	1	KMS.	2730	seven	2730
	INSULATORS, BINDING JUMPERING				hundred	
	ETC. Code No.9903000001				thirty	
18	CONCRETING OF POLES, GUYS, ETC.	1	CMT	5900	Five	5900

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			1			
	INCLUDING COST OF CEMENT SAND				thousand	
	METAL (1:2:4) AND WATER ETC. AS				nine	
	PER STANDARD SPECIFICATION.				hundred	
	Code No.9905010001					
19	LT LINE TAPPING SINGLE PHASE.	2	NO	31	Thirty one	62
19	Code No.9901000002	2	NO	51	Thirty one	02
20	LT LINE TAPPING THREE PHASE.	2		67	Sixty	404
20	Code No.9901000003	2	NO	67	seven	134
	PROVIDING GUARDING TO LT LINE					
21	ON ROAD / RAIL CORSSING.	200	MTR	58	Fifty eight	11600
	Code No.9906000001				, 0	
	PROVIDING GUARDING TO HT LINE					
22	ON ROAD / RAIL CORSSING.	200	MTR	58	Fifty eight	11600
	Code No.9906000002	200				
	ADDITIONAL COST OF PIT IN					
	HARD ROCK AREA FOR ERECTION					
	OF POLE/GUY SET/EARTHING ETC					
	AS PER STANDARD COVERED				Two	
23	AGAINST EXAVATION OF PIT	1	NO	230	hundred	230
23	UNDER NORMAL SOIL FOR	-	NO	230	thirty	230
	ERECTION OF POLE/GUY					
	SET/EARTHING ETC WITH THE APPROVAL OF SUPDT.ENGINEER.					
	Dismentalling of PSC Pole 8 mtr					
	with crediting of fabrication at store				Four	
24	& stacking of pole at safe and on	1	NO	465	hundred	465
	road side Code No.9907000017				sixty five	
	Dismentalling of PSC Pole 10 mtr					
	with crediting of fabrication at store					
25	& stacking of pole at safe and on	1	NO	935	Nine	0.0-
25	road side	1		333	hundred	935
					thirty five	
	Code No.9907000017					
	Dismentalling of transformer centre					
	(PSC Pole) with crediting of				Two	
20	fabrication & transformer at store &	1	NO	2750	thousand	
26	stacking of pole at safe and on road				seven	2750
	side (with transformer) Code				hundred	
	No.9907000022				fifty	
	Dismentalling of transformer centre					
	(PSC Pole) with crediting of					
27	fabrication & transformer at store &	1	NO	1870		
	stacking of pole at safe and on road	-		_0.0	One	1870
	side (without transformer) Code				hundred	
	No.9907000007				seventy	

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28	Dismentalling of transformer centre (PSC Pole) with crediting of fabrication & transformer at store & stacking of pole at safe and on road side (with transformer) Code No.9907000023	1	NO	2750	Two thousand seven hundred fifty	2750
29	Dismentalling of conductor from Line 34/55 sqmm with crediting at store Code No. 9907000009	1	KM	620	six hundred twenty	620
30	Dismentalling of PSC /RSJ Pole fabrication and crediting at store Code No. 9907000020	1	NO	95	Ninety five	95
31	Erection of over head LT ABC Cable collect from stores, loading, transportation, enroute stacking, unloading at site, erection of LT line with supply and erection of tension clamps for dead end, suspension clamps, clamps for neutral, 16 mm dia MS nuts & bolts, pole clamps, spring loaded bus bar suitable for single phase and three phase systems etc as required as per technical specification, approved drawings and scope of work: AERIAL BUNCHED XLPE CABLE 2X25 + 1x16 SQ. MM.	1	Km	4400	Four thousand four hundred	4400
32	Erection of over head HT ABC Cable collect from stores, loading, transportation, enroute stacking, unloading at site, erection of HT ABC line with supply and erection of tension clamps for dead end, suspension clamps, clamps for neutral, 16 mm dia MS nuts & bolts, pole clamps, spring loaded bus bar suitable for single phase and three phase systems etc as required as per technical specification, approved drawings and scope of work: AERIAL BUNCHED XLPE CABLE 3X70(Ph)+1X70 (bare messenger cum neutral) SQ. MM.	1	Km	22000	Twenty two thousand	22000
33	Fixing of 11kv Outdoor cable Box suitable for 11kv Arial bunch cable 70 to 120sqmm complete as per the instructions of E.I.C (M-Seal or Raychem -Make CPRI approved)	2	NO	1041	One thousand forty one	2082

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34	Fixing of 11kv Straight joint kit suitable for 11kv Arial bunch cable 70 to 120sqmm complete as per the instructions of E.I.C (M-Seal or Raychem -Make CPRI approved)		NO	1041	One thousand forty one	2082
Total Labour charge (A)					TOTAL	977585
		Materials Co	st (B)			
1	Providing of 11kv Outdoor cable Box suitable for 11kv Arial bunch cable 70 to 120sqmm (M-Seal or Raychem - Make CPRI approved)	2	NO	3459		6918
2	Providing of 11kv Straight joint kit suitable for 11kv Arial bunch cable 70 to 120sqmm (M-Seal or Raychem - Make CPRI approved)	2	NO	7000		14000
Total I	Materials Cost (B)				TOTAL	20918
TOTAL (Labour charge (A) + Materials Cost (B))					TOTAL	998503
In wor	ds Rupees Nine Lacs Ninety Eight Thousar	nd Five Hund	red Three C	Dnly	1	1

I/am we/are willing to carry out the work at \_\_\_\_\_% above /below \_\_\_\_\_\_ percent (should be written in figures and words) of the estimated rates mentioned above. Amount of my/our tender works out as under

* Estimated amount put to tender	* Estimated amount put to tender			
Rs. 998503.00	Rs. 998503.00			
Deduct : %below Rs	Add : %above Rs			
Net Rs	Total Rs			
In words	In words			

{\* Strike whichever is not applicable.}

Signature of contractor With seal

Executive Engineer U.G.V.C.L. Visnagar Division



## **SPECIFICATIONS**

#### For erection work of 11 KV Transmission lines.LT distribution lines and transformer sub-stations. **ERECTION OF HT AND LT LINES.:**

(a) Site clearing and tree cutting which come in the way of line will be done by the contractor at his cost. Any claim for compensation in above respect will have to be borne by the contractor.

(b) Fixing : Pole position : The position of pole structures guys and earthings will be fixed by the department and shown to the contractor. He shall 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 1/6 the height of the pole and for grounds of any other nature depth of the pit shall be decided by the department. The poles and guys must not be set at the edge of cut/at shore/ embankments where soil is liable to be washed or eroded out such setting should be avoided while back filling, the each must be packed tight and in no case must earth be dumped to greater depth than four inches without being rammed hard before the next layer is thrown in extra earth should be packed around the poles and rammed. The cost of damage done to the pole during the erection will be recovered from the contractor. No pole which is out of plumb or out of alignment shall be accepted. The contractor will keep the poles and other materials in his safe custody in erected and he is liable to compensate to the Company the full cost of same along with supervision charges, if the pole is broken during the erection or stolen from him custody. He should be able to render full account of the poles entrusted to him whenever the supervising officer demands to scrutinizes the same.

#### 1. Erection of Complete Single Pole Structure.

Erection of single pole structure comprises of shifting of pole from the place in the village to the site of actual work in that village excavation of pit erection in position (with base place where required) of 26' to 33' PSC poles 60 lbs/Yds. 30' to 42' long rail or suitable size girder or any other suitable pole fitting up clamps and cross arms and fabricated materials etc. Complete as per drawing inclusive of numbering fixing of caution Company and anticlimbing device. All size of Bolts and Nuts required should be used by the contractor at his cost. All the fabricated materials such as cross arms clamps turn buckles etc. fitted on the PSC poles of RCC poles should be painted first coat with red lead paint and then two coats of aluminum paint. The tendered has to use all the paints at his cost and should got approved by the Engineerin- charge before use.-Do- same as item No.1 (a and also including painting of steel poles)

#### 2. Special two poles structures.

Special two poles structures such as for HT line tapping Railway crossing any other HT, LT or telephone line crossing, terminal structure comprises of excavation of suitable pits and refilling of earth, erection in position of two numbers 26' to 33' PSC poles 60 lbs/Ybs 30' to 42' long rails or any other suitable poles fitting of clamps and cross arms. Cross bracing etc. as per drawing inclusive of mounting H.G.Fuses (or A B Switch or HT metering equipments etc. numbering, fixing of caution Board and anticlubming device. The D.P. must be properly aligned and must be special structure if included will be erected as per drawing supplied. A size of bolts and nuts required for fitting the fabrication should be used by the at his cost including painting as per item No.1.

#### 3. Stringing of Conductors.



This includes stringing of standard and solid bare conductors with fitting has necessary HT/LT 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 must not be drawn over tough or rocky ground, where it is liable to be damaged Alluminium and ACSR conductors must be drawn on wooden or alluminium pulleys only the conductor or coil must not be dropped Westage and cutting should be avoided as far as possible, Not more than 5% scrap will be accepted in the material account drawing to the proper tension. The sag and spans will be maintained as per drawing and design. The cross arms and insulators must be so fixed that neither tills or bends in any position. The rate quoted should be per conductor route kilometer. The span and sag. However may vary according to sizes of poles available but these dimensions will 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.

#### 4. Stringing of Continue cuss Earth Wire.

Where required the stringing of G.I. Wire No. 1 or S.W.G. is to be carried out for continuous earth wire and sag should be kept appropriate as per the conductor and continuous earth wire should be fixed on cross arm by using "OII" size bolts nuts and washers. The required bolts nuts and washers should be used by the contractor at his cost. All the fabricated cross arms sifted on the pole should be connected to the earth wire by G.I.Wire.

#### 4.(a) Guarding.

The guarding will have to be provided between crossing of HT and LT lines below the entire railway crossing. At the crossing at the crossing to telephone or telegraphs line (Licensee's HT and LT lines are passing below Company's HT line) road crossing and such other places as indicated by the department. The work comprises of fixing of guard cross-arms, eye bolts guard cradle as per design. Binding cross arms must be used where the HT line crosses the road. A clearance of 20 ft. must be available for all road crossing. The poles for road crossing must be concreted. The work has to be carried out as per drawings specially prepared for the purpose Guarding for railways crossing is to be carried out as per instructions of the Engineer-in-charge.

#### 5. Erection of Stay set.

The erection of stay comprises of excavation of pit of 2'x2'x4' depth burying stay rods anchor plate, fixing of turn buckle binding of GI 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 at the stay insulator must be even and must present neat appearance and good workmanship. No stay should be left loose but should be tight and straight to withstand any cyclone or stand storm. The item includes refilling of earth and painting paint should be used by the contractor at his cost. If the guys are not required to be concreted, a percasted cement concrete block will be supplied by the department at his divisional store at visnagar which the contractor will have to transport at his cost to the site of work and will have to use for fixing the guy road rate includes transport the cost of same will be recovered from the contractor.

**6.** Cement concreting for rail of R.S.J. pole or stay rod should be carried out in preparation 1:3:6 i.e. one part of cement three part of washed river sand and six part of well burnt brick-bat of 1x 1FF" size metals. The mixture should be prepared on the GI sheets and should be free from the dust the river sand, cement and the metal or brickbat should be used by the contractor at his cost.

**7.** Concreting for muffing of poles or stay rods should be as per item No. 6 above and size of the boxing provided should be Dia. Of 1.5 feet X height 3 feet and 1.5 feet should remain below the ground level and 1.5 feet should remain above the ground level.



#### 8. Earthing

A pit of 2'x2'x6' is to be dug about 3' away from the pole on which earthing is required to be carried out. The earthing pipe supplied should be erected in the pit and should be hammered in the ground as far as possible and G.I.Wire for earthing should by bolted with the pipe and should be connected with earth wire of the pole by means of bolt 10 kg. of common salt and coal-dust should be provided per earthing by the contractor at his cost. Bolts nuts and washers should be used by the contractor at his cost.

#### 9. Erection of Pole Mounted Transformer Center.

This work includes erection of special two pole structure as per item No.2 and fixing of all

fabricated materials for support of line, L.A.H.G. fuses. A.B. switches transformer L.T. Dist. Box etc. The work includes of transportation and hoisting of transformer fixing of H.G. fuses A.B. switch L. As Distribution Box bilding numbering and V.I.R. or P.V.C. wiring and prodding two earthings as per the specifications and the instructions of the Engineer-in-charge including painting.

- (a) Up to and including 100 KVA
- (b) -do- as above but transformer above 100 KVA capacities.

#### **10.** Painting of Transformer Structure.

All the fabricated materials used on the structure including the steel poles, also should be painted first with on coat of red lead and then with two coats of good quality of aluminum paints should be applied by the contractor at his cost. The paint should be got approved by the Engineer-in-charge before use. (a) same as above vat for P.S.C. poles.

#### Signature of Contractor

Executive Engineer Visnagar



#### : GENERAL INSTRUCTION TO TENDERERS ::

- **1.0** online tender are invited for the work of **errection of HT/LT line & T/c**. at various S/Dn office under division office Visnagar 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 two bids system i.e. "Technical Bid" and "Price Bid".

**2.1** Bidder has to submit **Technical bid** One cover mentioning **Technical bid** on it & with name of works. The price bid should be submitted on line under E-tender Link N-procure only.

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 twice sum of estimated cost .
- (ii) Separate EPF code No. allotted by RPFC & Last Six month of current year EPF Challan paid copy is required.
- (iii) The Vender Registration certificate in appropriate class as contractor in UGVCL require. The vender registration fees paid challan /receipt attached by bidder will not be acceptable.
- (iv) Income Tax & GST:
  - 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. The rate shall be inclusive of PF and all other state/central government taxes, cess and levies .
  - d. The GST/Service at the prevailing rate should be paid as per the rules. Contractor shall have to pay whatever applicable taxes prevailing at the time of placement Of order execution of work /Bill payment etc."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 supplier 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
  - e. The L1 shall have to give under taking on his letter pad as under:
    -We ,the supplier/contractor of GUVNL/or subsidiary company hereby unconditionally agree to transfer the amount as determined as the benefit available to us in the form of higher input tax credit due to introduction of GST LAW.

-We hereby unconditionally agree that GUVNL /or subsidiary company has the absolute Right to recover the net amount so determined from payments by GUVNL /or subsidiary Company by way of clause no......of Statutory Variation and clause no......of excise duty of our AT/WO/PO which has been agreed to and accepted by us & also as per the clause 171 of the GST law referring to Anti-Profiteering Law wherein the Govt has made it compulsory to transfer the benefits on account of higher ITC available due to introduction of GST to the consumers.

- f. Regarding conditions of Tax, it will be binding to the contractor at relevant times.
- (v) Experience :-Contractor should produce evidence of having experience in executing similar nature & magnitude of jobs preferably photo copy of orders secured from UGVCL and satisfactory



completion certificate from respective department.& Certificate as per requirement for **erection of HT-LT line & T/C work** by authorized officer of Distribution Company. Minimum 3 years Experience certificate require.

- (vi) Group Insurance A copy of the insurance policy of the insured laborer's under W.C. Act.
- (vii) Details of equipments available with the tendered & Tools & tackle Certificate
- (viii) Electrical contractor license or wireman certificate with engineer registration is required.
- (ix) Turn over details year wise on CA Letterhead At least 2 years.
- (x) Copy of the last three annual work orders of erection of HT/LT line & T/C of any Distribution Company is required.
- (xi) Contractor should produce GST NO. & PAN CARD Copy.
- (xii) Payment of Bills will be made through REAL TIME GROSS SETTLEMENT (RTGS) System while submission of bill prescribed RTGS form shall have to be submitted for each Bill by Contractor/Agency..
- (xiii) Govt. license to electrical contractor issued by Govt. of Gujarat is required.
- (xiv) Labour license certificate.

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

- **2.2** "Technical" bid should be submitted in one common envelope super scribing the name of the work and tender opening date etc.
- **3.0** Technical bid shall be opened on date ...... at **11.00** hrs. (If possible) in the presence of the bidders, who remains present at that time.

**4.0** Earnest money deposit of **Rs**. 10**000.00** should be deposited in form of DD of Nationalized Bank in favor of UTTAR GUJARAT VIJ COMPANY LIMITED drawn on any scheduled Bank, payable at Visnagar. 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.



9.0 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.

16.0 A:-The "price bid " should be submitted through ON LINE under n-code solution web site only . Price bid in physical form will not be accepted.

**17.0** All the works shall be carried out as per specifications attached with the tender and relevant Indian Standard issued by Bureau Indian Standards. All materials procured should be confirming to relevant Indian Standard issued by Bureau of Indian Standard.

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

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

**20.0** Income Tax at prevailing rate will be deducted as per income Tex Act. The rates are inclusive of PF and all other State/Central Government Taxes , cases and levies.

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

**22.0** The contractor shall disclosed GST amount paid by him in the RA / Final bill raised for the execution of the work. The certified copy of GST challan paid on RA /Final bill should be submitted to UGVCL for reimbursement.



**23.0** 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.

24.0 Terms & condition & other relevant documents is required .

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

**26.0** Tender without payment of tender fee will not be accepted.

**27.0** Delay /late receipt of tender will be rejected.

**28.0** 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 VISNAGAR.

**29.0 Penalty**: - For delay in work / supply occurring on account of reasons other than force majure 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 majure condition will have to be given.

Signature of Contractor Name Seal, Details address With phone/fax. Executive Engineer Visnagar.