



Save Energy for Benefit of Self and Nation

# Uttar Gujarat Vij Company Limited

CIN - U40102GJ2003SGC042906

(A subsidiary of Gujarat Urja Vikas Nigam Limited)

**TENDER NOTICE No:-UGVCL/PROJECT/VISNAGAR LT/UG/2026-27/XXX**

SCHEDULE-B		
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Visnagar Town		
Sr. No.	Particulars of Item	Grand Total in Rs.
1	TOTAL SUPPLY AMOUNT OF SCHEDULE-B: CONVERSION OF EXISTING LT OVERHEAD ELECTRICAL NETWORK IN TO UNDERGROUND CABLE NETWORK	₹ 41,06,57,703.24
2	TOTAL INSTALLATION, TESTING & COMMISSIONING AMOUNT OF SCHEDULE-B: CONVERSION OF EXISTING LT OVERHEAD ELECTRICAL NETWORK IN TO UNDERGROUND CABLE NETWORK	₹ 22,54,76,487.66
<b>B</b>	<b>OFFERED TOTAL AMOUNT FOR SUPPLY AND ERECTION (WITHOUT GST &amp; CESS)</b>	<b>₹ 63,61,34,190.90</b>
5	Welfare cess @ 1% ON "B"	₹ 63,61,341.91
<b>C</b>	<b>TOTAL AMOUNT (WITH WELFARE CESS)</b>	<b>₹ 64,24,95,532.80</b>
6	GST @ 18% ON "C"	₹ 11,56,49,195.90
<b>D</b>	<b>GRAND TOTAL (WITH GST &amp; WELFARE CESS)</b>	<b>₹ 75,81,44,728.71</b>

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Visnagar Town									
Sr. No.	Particulars of Item	Unit	Supply Qty.	Unit Rate in Rs	Total in Rs	Erection Qty.	Unit Rate in Rs	Total in Rs	Grand Total in Rs.
<b>Conversion of existing overhead electrical network in to Under Ground Cable Network</b>									
<b>A</b>	<b>RMU :</b>								
a	1 Circuit Breaker 1 Isolator (2-Way) SCADA Compatible	Nos		4,75,275.00	0.00	0.00	3,489.00	0.00	0.00
b	1 Circuit Breaker 1 Isolator (2-Way) Non SCADA	Nos		3,10,086.00	0.00	0.00	3,489.00	0.00	0.00
c	2 Isolator (2-Way) SCADA Compatible	Nos		4,57,252.00	0.00	0.00	3,489.00	0.00	0.00
d	2 Isolator (2-Way) Non SCADA	Nos		2,84,246.00	0.00	0.00	3,489.00	0.00	0.00
e	3 Isolator (3-Way) SCADA Compatible	Nos		5,15,518.00	0.00	0.00	3,489.00	0.00	0.00
f	3 Isolator (3-Way) Non SCADA	Nos		4,26,369.00	0.00	0.00	3,489.00	0.00	0.00
g	1 Circuit Breaker 2 Isolator (3-Way) SCADA Compatible	Nos		5,42,061.00	0.00	0.00	3,489.00	0.00	0.00
h	1 Circuit Breaker 2 Isolator (3-Way) Non SCADA	Nos		4,52,209.00	0.00	0.00	3,489.00	0.00	0.00
i	2 Circuit Breaker 1 Isolator (3-Way) SCADA Compatible	Nos		5,67,607.00	0.00	0.00	3,489.00	0.00	0.00
j	2 Circuit Breaker 1 Isolator (3-Way) Non SCADA	Nos		4,78,050.00	0.00	0.00	3,489.00	0.00	0.00
k	1 Circuit Breaker 3 Isolator (4-Way) SCADA Compatible	Nos		6,99,389.00	0.00	0.00	3,489.00	0.00	0.00
l	1 Circuit Breaker 3 Isolator (4-Way) Non SCADA	Nos		5,94,332.00	0.00	0.00	3,489.00	0.00	0.00
m	2 Circuit Breaker 2 Isolator (4-Way) SCADA Compatible	Nos		7,21,074.00	0.00	0.00	3,489.00	0.00	0.00
n	2 Circuit Breaker 2 Isolator (4-Way) Non SCADA	Nos		6,20,172.00	0.00	0.00	3,489.00	0.00	0.00
o	4 Isolator (4-Way) SCADA Compatible	Nos		6,95,234.00	0.00	0.00	3,489.00	0.00	0.00
p	4 Isolator (4-Way) Non SCADA	Nos		5,68,491.00	0.00	0.00	3,489.00	0.00	0.00
q	1 Circuit Breaker 4 Isolator (5-Way) SCADA Compatible	Nos		8,22,086.00	0.00	0.00	3,489.00	0.00	0.00
r	1 Circuit Breaker 4 Isolator (5-Way) Non SCADA	Nos		7,36,455.00	0.00	0.00	3,489.00	0.00	0.00
s	Plinth for RMU up to 3-Way	Nos			0.00	0.00	26,518.00	0.00	0.00
t	Plinth for RMU above 3-Way	Nos			0.00	0.00	29,453.00	0.00	0.00
<b>B</b>	<b>UG Distribution Transformer:</b>								
a	100 kVA Aluminium winding (CT 250/5 Amp) Outdoor Transformers with HV/LV cable end Boxes	Nos.		1,98,962.00	0.00	0.00	3,489.00	0.00	0.00
b	200 kVA Aluminium winding (CT 400/5 Amp) Outdoor Transformers with HV/LV cable end Boxes	Nos.		3,76,797.00	0.00	0.00	3,489.00	0.00	0.00
c	315 kVA Copper winding (CT 600/5 Amp) Outdoor Transformers with HV/LV cable end Boxes	Nos.		9,52,474.00	0.00	0.00	3,489.00	0.00	0.00
d	500 kVA Copper winding (CT 1000/5 Amp) Outdoor Transformers with HV/LV cable end Boxes	Nos.		10,56,380.00	0.00	0.00	3489.00	0.00	0.00
e	Plinth for Transformer with Cable Box	Nos.			0.00	0.00	48320.00	0.00	0.00

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Visnagar Town									
Sr. No.	Particulars of Item	Unit	Supply Qty.	Unit Rate in Rs	Total in Rs	Erection Qty.	Unit Rate in Rs	Total in Rs	Grand Total in Rs.
<b>C</b>	<b>HT CABLE</b>								
a	11KV(E), 3 Core, 300 mm <sup>2</sup>	Mtrs		1,928.00	0.00	0.00	335.00	0.00	0.00
b	11KV(E), 3 Core, 240 mm <sup>2</sup>	Mtrs		1,148.00	0.00	0.00	335.00	0.00	0.00
c	11KV(E), 3 Core, 185 mm <sup>2</sup>	Mtrs		943.00	0.00	0.00	335.00	0.00	0.00
d	11KV(E), 3 Core, 70 mm <sup>2</sup>	Mtrs		524.00	0.00	0.00	335.00	0.00	0.00
e	Laying of various size of 11 KV XLPE insulated Aluminium armoured cable having double circuit in single trench	Mtrs			0.00	0.00	468.00	0.00	0.00
<b>D</b>	<b>Push Through: Providing and Laying of HDPE / DWC Pipe confirming to IS 4984:1955 (Amendment no. 2) Laying charge is including laying of cable</b>								
a	OD 110 mm, minimum thickness 5 mm	Mtrs.	110313.80	525.00	57914745.00	110313.80	825.00	91008885.00	14,89,23,630.00
b	OD 160 mm, minimum thickness 5 mm	Mtrs.	32446.60	575.00	18656795.00	32446.60	825.00	26768445.00	4,54,25,240.00
c	DWC Pipe - 4 Inch Diameter	Mtrs.		224.00	0.00	0.00	825.00	0.00	0.00
<b>E</b>	<b>HT CABLE ACESSARIES:</b>								
<b>E-1</b>	<b>OUT DOOR KIT</b>								
a	3C X 300 mm <sup>2</sup> 11 KV XLPE	Nos		5,635.00	0.00	0.00	1041.00	0.00	0.00
b	3C X 240 mm <sup>2</sup> 11 KV XLPE	Nos		5,337.00	0.00	0.00	1041.00	0.00	0.00
c	3C X 185 mm <sup>2</sup> 11 KV XLPE	Nos		4,941.00	0.00	0.00	1041.00	0.00	0.00
d	3C X 70 mm <sup>2</sup> 11 KV XLPE	Nos		4,623.00	0.00	0.00	1041.00	0.00	0.00
<b>E-2</b>	<b>IN DOOR KIT</b>								
a	3C X 300 mm <sup>2</sup> 11 KV XLPE	Nos		4,508.00	0.00	0.00	1041.00	0.00	0.00
b	3C X 240 mm <sup>2</sup> 11 KV XLPE	Nos		4,211.00	0.00	0.00	1041.00	0.00	0.00
c	3C X 185 mm <sup>2</sup> 11 KV XLPE	Nos		3,912.00	0.00	0.00	1041.00	0.00	0.00
d	3C X 70 mm <sup>2</sup> 11 KV XLPE	Nos		3,677.00	0.00	0.00	1041.00	0.00	0.00
<b>E-3</b>	<b>STRAIGHT JOINT</b>								
a	3C X 300 mm <sup>2</sup> 11 KV XLPE	Nos		6,999.00	0.00	0.00	1041.00	0.00	0.00
b	3C X 240 mm <sup>2</sup> 11 KV XLPE	Nos		6,839.00	0.00	0.00	1041.00	0.00	0.00
c	3C X 185 mm <sup>2</sup> 11 KV XLPE	Nos		6,614.00	0.00	0.00	1041.00	0.00	0.00
d	3C X 70 mm <sup>2</sup> 11 KV XLPE	Nos		6,158.00	0.00	0.00	1041.00	0.00	0.00
<b>F</b>	<b>EARTHING:</b>								
a	EARTHING ELECTRODS 3 Meter	Nos.		6,500.00	0.00	0.00	1,000.00	0.00	0.00
b	EARTHING ELECTRODS 2 Meter	Nos.	5216.00	5,500.00	28688000.00	5216.00	1,000.00	5216000.00	3,39,04,000.00

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Visnagar Town									
Sr. No.	Particulars of Item	Unit	Supply Qty.	Unit Rate in Rs	Total in Rs	Erection Qty.	Unit Rate in Rs	Total in Rs	Grand Total in Rs.
c	40 X 3 mm G I EARTHING STRIP	Mtrs.	15648.00	138.00	2159424.00	15648.00	52.00	813696.00	29,73,120.00
G	CABLE ROUTE MARKER	Nos		300.00	0.00	0.00	100.00	0.00	0.00
H	FSP (FUSE SECTION PILLER)								
a	FSP (Fuse Section Piller) 1250 Amp including plinth	Nos		1,35,741.00	0.00	0.00	12,811.00	0.00	0.00
b	FSP (Fuse Section Piller) 800 Amp including plinth	Nos	26.00	1,08,991.00	2833766.00	26.00	12,811.00	333086.00	31,66,852.00
c	FSP (Fuse Section Piller) 630 Amp including plinth	Nos	185.00	87,591.00	16204335.00	185.00	12,811.00	2370035.00	1,85,74,370.00
I	MSP (Mini Section Piller)								
a	MSP (Mini Section Piller) 400 Amp including plinth	Nos	25.00	32,368.00	809200.00	25.00	12,811.00	320275.00	11,29,475.00
b	MSP (Mini Section Piller) 250 Amp including plinth	Nos	811.00	21,668.00	17572748.00	811.00	12,811.00	10389721.00	2,79,62,469.00
J	Supplying & erecting 4 Pole Switch Fuse Unit for following ratings								
a	SFU - 300 Amp	Nos	561.00	27,000.00	15147000.00	561.00	2739.00	1536579.00	1,66,83,579.00
b	SFU - 250 Amp	Nos		22,228.00	0.00	0.00	2,739.00	0.00	0.00
K	Supplying & erecting of 100 Amp Bus Bar Chamber	Nos		9,219.00	0.00	0.00	1,000.00	0.00	0.00
L	FENCING: FRP Fencing for RMU and PSS	RMT		2,860.00	0.00	0.00	601.00	0.00	0.00
M	FENCING: Chain Link Fencing for RMU and PSS	RMT	561.00	1,560.00	875160.00	561.00	460.00	258060.00	11,33,220.00
N	1.1 kV LT XLPE Cable								
a	1 C X 300 MM Aluminum	Mtrs	15939.00	684.00	10902276.00	15939.00	70.00	1115730.00	1,20,18,006.00
b	3.5 C x 240 MM Aluminum	Mtrs	18905.00	1,554.00	29378370.00	18905.00	70.00	1323350.00	3,07,01,720.00
c	3.5 C x 185 MM Aluminum	Mtrs	1807.00	1,230.00	2222610.00	1807.00	60.00	108420.00	23,31,030.00
d	3.5 C x 150 MM Aluminum	Mtrs	5135.00	978.60	5025111.00	5135.00	60.00	308100.00	53,33,211.00
e	3.5 C x 120 MM Aluminum	Mtrs	5231.00	844.00	4414964.00	5231.00	60.00	313860.00	47,28,824.00
f	3.5 C x 95 MM Aluminium	Mtrs	8340.00	654.00	5454360.00	8340.00	60.00	500400.00	59,54,760.00
g	3.5 C x 70 MM Aluminium	Mtrs	7156.00	488.00	3492128.00	7156.00	30.00	214680.00	37,06,808.00
h	3.5 C X 50 MM Aluminium	Mtrs	12507.00	367.50	4596322.50	12507.00	30.00	375210.00	49,71,532.50
i	3.5 C X 35 MM Aluminium	Mtrs	4441.00	286.00	1270126.00	4441.00	30.00	133230.00	14,03,356.00
j	4 C x 25 MM Aluminum	Mtrs	49160.00	234.00	11503440.00	49160.00	30.00	1474800.00	1,29,78,240.00
k	4C x 10 MM Aluminum (with DWC Pipe)	Mtrs	569800.01	128.00	72934400.74	569800.01	80.00	45584000.46	11,85,18,401.20
l	4C x 6 MM Aluminum	Mtrs	0.00	102.00	0.00	0.00	30.00	0.00	0.00
O	LT Cable Termination								

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Visnagar Town									
Sr. No.	Particulars of Item	Unit	Supply Qty.	Unit Rate in Rs	Total in Rs	Erection Qty.	Unit Rate in Rs	Total in Rs	Grand Total in Rs.
a	1 C X 300 MM Aluminum	Nos	798.00	1,245.00	993510.00	798.00	45.00	35910.00	10,29,420.00
b	3.5 C x 240 MM Aluminum	Nos	946.00	1,245.00	1177770.00	946.00	45.00	42570.00	12,20,340.00
c	3.5 C x 185 MM Aluminum	Nos	92.00	940.00	86480.00	92.00	45.00	4140.00	90,620.00
d	3.5 C x 150 MM Aluminum	Nos	256.00	940.00	240640.00	256.00	45.00	11520.00	2,52,160.00
e	3.5 C x 120 MM Aluminum	Nos	262.00	889.00	232918.00	262.00	45.00	11790.00	2,44,708.00
f	3.5 C x 95 MM Aluminium	Nos	474.00	889.00	421386.00	474.00	45.00	21330.00	4,42,716.00
g	3.5 C x 70 MM Aluminium	Nos	414.00	889.00	368046.00	414.00	45.00	18630.00	3,86,676.00
h	3.5 C X 50 MM Aluminium	Nos	696.00	889.00	618744.00	696.00	45.00	31320.00	6,50,064.00
i	3.5 C X 35 MM Aluminium	Nos	522.00	804.00	419688.00	522.00	45.00	23490.00	4,43,178.00
j	4C x 25 MM Aluminum	Nos	2758.00	804.00	2217432.00	2758.00	45.00	124110.00	23,41,542.00
k	4C x 10 MM Aluminum	Nos	14546.00	788.00	11462248.00	14546.00	45.00	654570.00	1,21,16,818.00
l	4C x 6 MM Aluminum	Nos	0.00	727.00	0.00	0.00	45.00	0.00	0.00
P	CABLE TAG	Nos	19998.00	20.00	399960.00	19998.00	7.00	139986.00	5,39,946.00
Q	11 KV DOUBLE POLE STRUCTURE FOR OUTDOOR UNDERGROUND TRANSFORMER ON PSC 10 MTR POLE	Nos		45,029.00	0.00	0.00	10,790.00	0.00	0.00
R	Supply and installation of clamps made from 50*6 mm GI flat	Set	25000.00	100.00	2500000.00	25000.00	30.00	750000.00	32,50,000.00
S	Supply and Fixing of medium grade GI Pipe of Size of 100 mm Diameter (Min 3.0 meter required)	Mtrs	154927.20	500.00	77463600.00	154927.20	200.00	30985440.00	10,84,49,040.00
T	Laying of various size of 11 KV / 1.1 KV XLPE insulated Aluminium armoured cable above ground in air	Mtrs	18568.90	0.00	0.00	18568.90	38.00	705618.20	7,05,618.20
U	DRAWING	per km		0.00	0.00	0.00	1,000.00	0.00	0.00
V	DISMENTALLING WORK: (dismanteled material in usable condition with crediting of fabrication at store and stacking of pole at safe location on road side or crediting to departmental store as per instruction of Engineer-in-Charge)								
a	Dismantalling of pole mounted transformer	Nos		0.00	0.00	0.00	4,340.00	0.00	0.00
b	Dismantalling PSC Pole 8 Mtr with Fabrication	Nos	1000.00	0.00	0.00	1000.00	562.00	562000.00	5,62,000.00
c	Dismantalling PSC 10 Mtr/Rail/RSJ pole with Fabrication	Nos	600.00	0.00	0.00	600.00	1233.00	739800.00	7,39,800.00
d	Dismantalling Double Pole Structure with Fabrication	Nos		0.00	0.00	0.00	2,263.00	0.00	0.00
e	Dismantalling of ACSR/Earth wire conductor	Per Cond./km	63.50	0.00	0.00	63.50	2326.00	147701.00	1,47,701.00
f	Shifting of Meter	Nos		0.00	0.00	0.00	150.00	0.00	0.00
W	Providing and Fixing of SMC Type Terminal Protector with Dielectric Strength of 11kV/MM, IZOD Impact Strength 56KH/M2 for Transformer HT Bushings and replacement of existing bare conductor jumper with HT Coated conductor for entire transformer structure and fixing of long barrel aluminum lug of suitable size and applying HT ERP Tape	Set		1,820.00	0.00	0.00	0.00	0.00	0.00

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Visnagar Town									
Sr. No.	Particulars of Item	Unit	Supply Qty.	Unit Rate in Rs	Total in Rs	Erection Qty.	Unit Rate in Rs	Total in Rs	Grand Total in Rs.
X	Providing and Fixing of SMC Type Terminal Protector with Dielectric Strength of 11kV/MM, IZOD Impact Strength 56KH/M2 for Transformer LT Bushings and replacement of existing bare conductor jumper with LT Coated conductor for entire transformer structure and fixing of long barrel aluminum lug of suitable size and applying LT ERP Tape	Set		850.00	0.00	0.00	0.00	0.00	0.00
Y	Resurfacing of existing road, footpath etc. as it was in condition PIT SIZE (600 MM X 1000 MM) [Material Cost is included].	Nos		0.00	0.00	0.00	500.00	0.00	0.00
Z	Operation and Maintenance for 10 year after completion of guarantee / warantee period	Year		0.00	0.00	0.00	200000.00	0.00	0.00
AB	CEI APPROVAL	Job		0.00	0.00	0.00	125000.00	0.00	0.00
					41,06,57,703.24			22,54,76,487.66	63,61,34,190.90