



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/VADNAGAR LT/UG/2026-27/130

SCHEDULE-B		
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Vadnagar 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	₹ 5,31,10,601.80
2	TOTAL INSTALLATION, TESTING & COMMISSIONING AMOUNT OF SCHEDULE-B: CONVERSION OF EXISTING LT OVERHEAD ELECTRICAL NETWORK IN TO UNDERGROUND CABLE NETWORK	₹ 5,48,94,850.00
B	OFFERED TOTAL AMOUNT FOR SUPPLY AND ERECTION (WITHOUT GST & CESS)	₹ 10,80,05,451.80
5	Welfare cess @ 1% ON "B"	₹ 10,80,054.52
C	TOTAL AMOUNT (WITH WELFARE CESS)	₹ 10,90,85,506.32
6	GST @ 18% ON "C"	₹ 1,96,35,391.14
D	GRAND TOTAL (WITH GST & WELFARE CESS)	₹ 12,87,20,897.46

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Vadnagar 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.
Conversion of existing overhead electrical network in to Under Ground Cable Network									
A	RMU :								
a	1 Circuit Breaker 1 Isolator (2-Way) SCADA Compatible	Nos		4,75,275.00	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		3,489.00	0.00	0.00
c	2 Isolator (2-Way) SCADA Compatible	Nos		4,57,252.00	0.00		3,489.00	0.00	0.00
d	2 Isolator (2-Way) Non SCADA	Nos		2,84,246.00	0.00		3,489.00	0.00	0.00
e	3 Isolator (3-Way) SCADA Compatible	Nos		5,15,518.00	0.00		3,489.00	0.00	0.00
f	3 Isolator (3-Way) Non SCADA	Nos		4,26,369.00	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		3,489.00	0.00	0.00
h	1 Circuit Breaker 2 Isolator (3-Way) Non SCADA	Nos		4,52,209.00	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		3,489.00	0.00	0.00
j	2 Circuit Breaker 1 Isolator (3-Way) Non SCADA	Nos		4,78,050.00	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		3,489.00	0.00	0.00
l	1 Circuit Breaker 3 Isolator (4-Way) Non SCADA	Nos		5,94,332.00	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		3,489.00	0.00	0.00
n	2 Circuit Breaker 2 Isolator (4-Way) Non SCADA	Nos		6,20,172.00	0.00		3,489.00	0.00	0.00
o	4 Isolator (4-Way) SCADA Compatible	Nos		6,95,234.00	0.00		3,489.00	0.00	0.00
p	4 Isolator (4-Way) Non SCADA	Nos		5,68,491.00	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		3,489.00	0.00	0.00
r	1 Circuit Breaker 4 Isolator (5-Way) Non SCADA	Nos		7,36,455.00	0.00		3,489.00	0.00	0.00
s	Plinth for RMU up to 3-Way	Nos			0.00		26,518.00	0.00	0.00
t	Plinth for RMU above 3-Way	Nos			0.00		29,453.00	0.00	0.00
B	UG Distribution Transformer:								
a	100 kVA Aluminium winding (CT 250/5 Amp) Outdoor Transformers with HV/LV cable end Boxes	Nos.		1,98,962.00	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		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		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		3489.00	0.00	0.00
e	Plinth for Transformer with Cable Box	Nos.			0.00	55.00	48320.00	2657600.00	26,57,600.00

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Vadnagar 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	HT CABLE								
a	11KV(E), 3 Core, 300 mm ²	Mtrs		1,928.00	0.00		335.00	0.00	0.00
b	11KV(E), 3 Core, 240 mm ²	Mtrs		1,148.00	0.00		335.00	0.00	0.00
c	11KV(E), 3 Core, 185 mm ²	Mtrs		943.00	0.00		335.00	0.00	0.00
d	11KV(E), 3 Core, 70 mm ²	Mtrs		524.00	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		468.00	0.00	0.00
D	Push Through: Providing and Laying of HDPE / DWC Pipe confirming to IS 4984:1955 (Amendment no. 2) Laying charge is including laying of cable								
a	OD 110 mm, minimum thickness 5 mm	Mtrs.	29519.00	525.00	15497475.00	29519.00	825.00	24353175.00	3,98,50,650.00
b	OD 32 mm, minimum thickness 5 mm	Mtrs.	4141.20	45.00	186354.00	4141.20	825.00	3416490.00	36,02,844.00
c	DWC Pipe - 4 Inch Diameter	Mtrs.	12815.00	224.00	2870560.00	12815.00	825.00	10572375.00	1,34,42,935.00
E	HT CABLE ACESSARIES:								
E-1	OUT DOOR KIT								
a	3C X 300 mm ² 11 KV XLPE	Nos	1.00	5,635.00	5635.00		1041.00	0.00	5,635.00
b	3C X 240 mm ² 11 KV XLPE	Nos	1.00	5,337.00	5337.00		1041.00	0.00	5,337.00
c	3C X 185 mm ² 11 KV XLPE	Nos	1.00	4,941.00	4941.00		1041.00	0.00	4,941.00
d	3C X 70 mm ² 11 KV XLPE	Nos	1.00	4,623.00	4623.00		1041.00	0.00	4,623.00
E-2	IN DOOR KIT								
a	3C X 300 mm ² 11 KV XLPE	Nos		4,508.00	0.00		1041.00	0.00	0.00
b	3C X 240 mm ² 11 KV XLPE	Nos		4,211.00	0.00		1041.00	0.00	0.00
c	3C X 185 mm ² 11 KV XLPE	Nos		3,912.00	0.00		1041.00	0.00	0.00
d	3C X 70 mm ² 11 KV XLPE	Nos		3,677.00	0.00		1041.00	0.00	0.00
E-3	STRAIGHT JOINT								
a	3C X 300 mm ² 11 KV XLPE	Nos		6,999.00	0.00		1041.00	0.00	0.00
b	3C X 240 mm ² 11 KV XLPE	Nos		6,839.00	0.00		1041.00	0.00	0.00
c	3C X 185 mm ² 11 KV XLPE	Nos		6,614.00	0.00		1041.00	0.00	0.00
d	3C X 70 mm ² 11 KV XLPE	Nos		6,158.00	0.00		1041.00	0.00	0.00
F	EARTHING:								
a	EARTHING ELECTRODS 3 Meter	Nos.	199.00	6,500.00	1293500.00	199.00	1,000.00	199000.00	14,92,500.00
b	EARTHING ELECTRODS 2 Meter	Nos.		5,500.00	0.00		1,000.00	0.00	0.00

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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.	2392.00	138.00	330096.00	2392.00	52.00	124384.00	4,54,480.00
G	CABLE ROUTE MARKER	Nos		300.00	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		12,811.00	0.00	0.00
b	FSP (Fuse Section Piller) 800 Amp including plinth	Nos	42.00	1,08,991.00	4577622.00	42.00	12,811.00	538062.00	51,15,684.00
c	FSP (Fuse Section Piller) 630 Amp including plinth	Nos		87,591.00	0.00		12,811.00	0.00	0.00
I	MSP (Mini Section Piller)								
a	MSP (Mini Section Piller) 400 Amp including plinth	Nos	1.00	32,368.00	32368.00	1.00	12,811.00	12811.00	45,179.00
b	MSP (Mini Section Piller) 250 Amp including plinth	Nos	138.00	21,668.00	2990184.00	138.00	12,811.00	1767918.00	47,58,102.00
J	Supplying & erecting 4 Pole Switch Fuse Unit for following ratings								
a	SFU - 300 Amp	Nos			0.00			0.00	0.00
b	SFU - 250 Amp	Nos			0.00			0.00	0.00
K	Supplying & erecting of 100 Amp Bus Bar Chamber	Nos		9,219.00	0.00		1,000.00	0.00	0.00
L	FENCING: FRP Fencing for RMU and PSS	RMT		2,860.00	0.00		601.00	0.00	0.00
M	FENCING: Chain Link Fencing for RMU and PSS	RMT		1,560.00	0.00		460.00	0.00	0.00
N	1.1 kV LT XLPE Cable								
a	1 C X 300 MM Aluminum	Mtrs	2000.00	684.00	1368000.00	2000.00	70.00	140000.00	15,08,000.00
b	3.5 C x 240 MM Aluminum	Mtrs	766.00	1,554.00	1190364.00	766.00	70.00	53620.00	12,43,984.00
c	3.5 C x 185 MM Aluminum	Mtrs	666.00	1,230.00	819180.00	666.00	60.00	39960.00	8,59,140.00
d	3.5 C x 150 MM Aluminum	Mtrs	1938.00	978.60	1896526.80	1938.00	60.00	116280.00	20,12,806.80
e	3.5 C x 120 MM Aluminum	Mtrs	1902.00	844.00	1605288.00	1902.00	60.00	114120.00	17,19,408.00
f	3.5 C x 95 MM Aluminium	Mtrs	2188.00	654.00	1430952.00	2188.00	60.00	131280.00	15,62,232.00
g	3.5 C x 70 MM Aluminium	Mtrs	2894.00	488.00	1412272.00	2894.00	30.00	86820.00	14,99,092.00
h	3.5 C X 50 MM Aluminium	Mtrs	6256.00	367.50	2299080.00	6256.00	30.00	187680.00	24,86,760.00
i	3.5 C X 35 MM Aluminium	Mtrs	4957.00	286.00	1417702.00	4957.00	30.00	148710.00	15,66,412.00
j	4C x 25 MM Aluminum	Mtrs	0.00	234.00	0.00	0.00	30.00	0.00	0.00
k	4C x 10 MM Aluminum	Mtrs	960.00	128.00	122880.00	960.00	30.00	28800.00	1,51,680.00
l	4C x 6 MM Aluminum	Mtrs	88155.00	102.00	8991810.00	88155.00	30.00	2644650.00	1,16,36,460.00
O	LT Cable Termination								

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Vadnagar 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	100.00	1,245.00	124500.00	100.00	45.00	4500.00	1,29,000.00
b	3.5 C x 240 MM Aluminum	Nos	96.00	1,245.00	119520.00	96.00	45.00	4320.00	1,23,840.00
c	3.5 C x 185 MM Aluminum	Nos	80.00	940.00	75200.00	80.00	45.00	3600.00	78,800.00
d	3.5 C x 150 MM Aluminum	Nos	88.00	940.00	82720.00	88.00	45.00	3960.00	86,680.00
e	3.5 C x 120 MM Aluminum	Nos	94.00	889.00	83566.00	94.00	45.00	4230.00	87,796.00
f	3.5 C x 95 MM Aluminium	Nos	96.00	889.00	85344.00	96.00	45.00	4320.00	89,664.00
g	3.5 C x 70 MM Aluminium	Nos	16.00	889.00	14224.00	16.00	45.00	720.00	14,944.00
h	3.5 C X 50 MM Aluminium	Nos	76.00	889.00	67564.00	76.00	45.00	3420.00	70,984.00
i	3.5 C X 35 MM Aluminium	Nos	100.00	804.00	80400.00	100.00	45.00	4500.00	84,900.00
j	4C x 25 MM Aluminum	Nos	100.00	804.00	80400.00	100.00	45.00	4500.00	84,900.00
k	4C x 10 MM Aluminum	Nos	60.00	788.00	47280.00	60.00	45.00	2700.00	49,980.00
l	4C x 6 MM Aluminum	Nos	2092.00	727.00	1520884.00	2092.00	45.00	94140.00	16,15,024.00
P	CABLE TAG	Nos	9170.00	20.00	183400.00	9170.00	7.00	64190.00	2,47,590.00
Q	11 KV DOUBLE POLE STRUCTURE FOR OUTDOOR UNDERGROUND TRANSFORMER ON PSC 10 MTR POLE	Nos		45,029.00	0.00		10,790.00	0.00	0.00
R	Supply and installation of clamps made from 50*6 mm GI flat	Set	10.00	100.00	1000.00	10.00	30.00	300.00	1,300.00
S	Supply and Fixing of medium grade GI Pipe of Size of 100 mm Diameter (Min 3.0 meter required)	Mtrs	90.00	500.00	45000.00	90.00	200.00	18000.00	63,000.00
T	Laying of various size of 11 KV / 1.1 KV XLPE insulated Aluminium armoured cable above ground in air	Mtrs		0.00	0.00	1000.00	38.00	38000.00	38,000.00
U	DRAWING	per km		0.00	0.00	50.00	1,000.00	50000.00	50,000.00
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	10.00	4,340.00	43400.00	43,400.00
b	Dismantallling PSC Pole 8 Mtr with Fabrication	Nos		0.00	0.00	1500.00	562.00	843000.00	8,43,000.00
c	Dismantallling PSC 10 Mtr/Rail/RSJ pole with Fabrication	Nos		0.00	0.00	500.00	1233.00	616500.00	6,16,500.00
d	Dismantallling Double Pole Structure with Fabrication	Nos		0.00	0.00	55.00	2,263.00	124465.00	1,24,465.00
e	Dismantalling of ACSR/Earth wire conductor	Per Cond./km		0.00	0.00	225.00	2326.00	523350.00	5,23,350.00
f	Shifting of Meter	Nos		0.00	0.00	3200.00	150.00	480000.00	4,80,000.00
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	55.00	1,820.00	100100.00	55.00	0.00	0.00	1,00,100.00

SCHEDULE-B1									
Supply, Installation, Testing & Commissioning for Conversion of Existing LT Electrical Network into Underground Cable for Vadnagar 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	55.00	850.00	46750.00	55.00	0.00	0.00	46,750.00
Y	Resurfacing of existing road, footpath etc. as it was in condition PIT SIZE (600 MM X 1000 MM) [Material Cost is included].	Nos	5000.00	0.00	0.00	5000.00	500.00	2500000.00	25,00,000.00
	Operation and Maintenance for 10 year after completion of guarantee / warantee period	Year	10.00	0.00	0.00	10.00	200000.00	2000000.00	20,00,000.00
Z	CEI APPROVAL	Job	0.00	0.00	0.00	1.00	125000.00	125000.00	1,25,000.00
					5,31,10,601.80			5,48,94,850.00	10,80,05,451.80