

PASCHIM GUJARAT VIJ COMPANY LIMITED					9602000366	UG-1
PROPOSED COST DATA FOR THE YEAR 2018-19						
11 KV UNDERGROUND CABLE 185 MM2						
SR	ITEM CODE	PARTICULARS	UNIT	QTY	RATE	AMOUNT
	405000009	XLPE cable 185 mm2	Meter	1000	720.79	720789.28
	2108000010	Half Round Pipe (2 Nos.) 6" inner Dia and 1 Meter length	NO.	2000	116.00	232000.00
	411000066	Outdoor Cable Box for 185 MM2 XLPE Cable	No.	2	2625.00	5250.00
	499000008	Straight Through Joints for 185 MM2 XLPE Cable	No	3	6515.00	19545.00
	2108000009	Pre Bonding Tape	Meter	1000	9.87	9870.00
	2108000008	Route Marker of C.C. (1:2:4) 150x150x750 (in mm) Concrete Stone (PGVCL Mark with Approved Yellow Color Embedded in Earth atleast 300 mm below the ground Level at Approx. Distance 50 Meter or as directed by FIC	NO.	20	350.00	7000.00
	2108000011	HDPE Pipe 110 mm Dia 6mm Thickness	Meter	8	544.50	4356.00
	103000002	(a) GI Wire No. 8 From Pole Top to Earthing Coil	KG	2.32	69.68	161.66
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	2	39.27	78.54
	901000028	(c) Earthing Bolt	NO	2	15.39	30.78
	901000024	(d) Earthing Coil (GI Wire No 8)	NO	2	139.60	279.21
		COST OF MATERIALS				999360.47
		ADD:3% CONTINGENCIES				29980.81
		ADD:2% STORAGE CHARGES				19987.21
		ADD:2% VEHICLE & T&P				19987.21
		ADD:15% GEC CHARGES ON COST OF MATERIALS				149904.07
		A				1219219.77
	9931000001	Excavation Of Trench 0.5 Metre Wide And 1 Metre Deep For Laying Of Ht/Lt Underground Cable Of Size Up To 300Mm2 Pilc Or Xlpe Covering Cable With Half Round Rcc Pipe & Earth	Meter	1000	93	93000.00
	9931000003	Laying / re-laying of cable in cable trench and from ground level to Pole structure for providing outdoor cable joints.	Meter	1000	38	38000.00
	9931000019	Supply of Sand & Laying in Trench (0.3 x 0.5 x 1 meter) Layer at Bottom approx. 0.15 CMT	R-Meter	1000	43	43000.00
	9902050016	Fixing of Route Markers	No	20	155	3100.00
	9902050012	Laying of Pre Bonding Tape on Trench after Laying of Cable Approx. at 500 mm Height in the Trench	Meter	1000	2.50	2500.00
	9902040002	INSTALLATION OF COIL TYPE EARTHING	NO.	2	590.00	1180.00
	9909000002	CARTING OF LINE MATERIALS TO SITE		1	225	225.00
		LABOUR CHARGES				181005.00
		ADD : 15% SUPERVISION CHARGES				27150.75
		B				208155.75
		A+B				1427375.52
		TOTAL ESTIMATE			Say Rs.	1427376.00

PASCHIM GUJARAT VIJ COMPANY LIMITED					9602000367	UG-2
PROPOSED COST DATA FOR THE YEAR 2018-19						
11 KV UNDERGROUND CABLE 240 MM2						
SR	ITEM CODE	PARTICULARS	UNIT	QTY	RATE	AMOUNT
	405000010	XLPE cable 240 mm2	Meter	1000	1146.96	1146960.00
	2108000010	Half Round Pipe (2 Nos.) 6" inner Dia and 1 Meter length	NO.	2000	116.00	232000.00
	411000058	Outdoor Cable Box for 240 MM2 XLPE Cable	No.	2	3965.00	7930.00
	411000060	Straight Through Joints for 240 MM2 XLPE Cable	No	3	8028.00	24084.00
	2108000009	Pre Bonding Tape	Meter	1000	9.87	9870.00
	2108000008	Route Marker of C.C. (1:2:4) 150x150x750 (in mm) Concrete Stone (PGVCL Mark with Approved Yellow Color Embedded in Earth atleast 300 mm below the ground Level at Approx. Distance 50 Meter or as directed by EIC	NO.	20	350.00	7000.00
	2108000012	HDPE Pipe 140 mm Dia 6mm Thickness	Meter	8	606.00	4848.00
	103000002	(a) GI Wire No. 8 From Pole Top to Earthing Coil	KG	2.32	69.68	161.66
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	2	39.27	78.54
	901000028	(c) Earthing Bolt	NO	2	15.39	30.78
	901000024	(d) Earthing Coil (GI Wire No 8)	NO	2	139.60	279.21
		COST OF MATERIALS				1433242.19
		ADD: 3% CONTINGENCIES				42997.27
		ADD: 2% STORAGE CHARGES				28664.84
		ADD: 2% VEHICLE & T&P				28664.84
		ADD: 15% GEC CHARGES ON COST OF MATERIALS				214986.33
		A				1748555.47
	9931000001	Excavation of Trench 0.5 meter wide and 1 meter deep for laying of underground cable of size upto 300 mm XLPE	Meter	1000	93	93000.00
	9931000003	Laying / re-laying of cable in cable trench and from ground level to Pole structure for providing outdoor cable joints.	Meter	1000	38	38000.00
	9931000019	Supply of Sand & Laying in Trench (0.3 x 0.5 x 1 meter) Layer at Bottom approx. 0.15 CMT	R-Meter	1000	43	43000.00
	9902050016	Fixing of Route Markers	No	20	155	3100.00
	9902050012	Laying of Pre Bonding Tape on Trench after Laying of Cable Approx. at 500 mm Height in the Trench	Meter	1000	2.50	2500.00
	9902040002	INSTALLATION OF COIL TYPE EARTHING	NO.	2	590.00	1180.00
	9909000002	CARTING OF LINE MATERIALS TO SITE		1	225	225.00
		LABOUR CHARGES				181005.00
		ADD : 15% SUPERVISION CHARGES				27150.75
		B				208155.75
		A+B				1956711.22
		TOTAL ESTIMATE			Say Rs.	1956712.00

PASCHIM GUJARAT VIJ COMPANY LIMITED					9602000368	UG-3
PROPOSED COST DATA FOR THE YEAR 2018-19						
11 KV UNDERGROUND CABLE 185 MM2 Double CKT						
SR	ITEM CODE	PARTICULARS	UNIT	QTY	RATE	AMOUNT
	405000009	XLPE cable 185 mm2	Meter	2000	720.79	1441578.56
	2108000010	Half Round Pipe (2 Nos.) 6" inner Dia and 1 Meter length	NO.	4000	116.00	464000.00
	411000066	Outdoor Cable Box for 185 MM2 XLPE Cable	No.	4	2625.00	10500.00
	499000008	Straight Through Joints for 185 MM2 XLPE Cable	No	6	6515.00	39090.00
	2108000009	Pre Bonding Tape	Meter	1000	9.87	9870.00
	2108000008	Route Marker of C.C. (1:2:4) 150x150x750 (in mm) Concrete Stone (PGVCL Mark with Approved Yellow Color Embedded in Earth atleast 300 mm below the ground Level at Approx. Distance 50 Meter or as directed by EIC	NO.	20	350.00	7000.00
	2108000011	HDPE Pipe 110 mm Dia 6mm Thickness	Meter	16	544.50	8712.00
	103000002	(a) GI Wire No. 8 From Pole Top to Earthing Coil	KG	4.64	69.68	323.32
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	4	39.27	157.08
	901000028	(c) Earthing Bolt	NO	4	15.39	61.56
	901000024	(d) Earthing Coil (GI Wire No 8)	NO	4	139.60	558.42
		COST OF MATERIALS				1981850.93
		ADD: 3% CONTINGENCIES				59455.53
		ADD: 2% STORAGE CHARGES				39637.02
		ADD: 2% VEHICLE & T&P				39637.02
		ADD: 15% GEC CHARGES ON COST OF MATERIALS				297277.64
		A				2417858.14
	9931000002	Excavation of Trench 0.75 meter wide and 1 meter deep for laying of underground cable of size upto 300 mm XLPE	Meter	1000	138	138000.00
	9902050013	Labour Charges for Laying of 185 mm2 & 185 mm2 XLPE Cable in the Trench as per Standard with Laying of Half Round Pipe on Top & Bottom including fixing of HDPE Pipe at End Termination	Meter	2000	38	76000.00
	9931000020	Supply of Sand & Laying in Trench (0.3 x 0.75 x 1 meter) Layer at Bottom approx. 0.225 CMT	R-Meter	1000	64	64000.00
	9902050016	Fixing of Route Markers	No	20	155	3100.00
	9902050012	Laying of Pre Bonding Tape on Trench after Laying of Cable Approx. at 500 mm Height in the Trench	Meter	1000	2.50	2500.00
	9902040002	INSTALLATION OF COIL TYPE EARTHING	NO.	4	590.00	2360.00
	9909000002	CARTING OF LINE MATERIALS TO SITE		1	225	225.00
		LABOUR CHARGES				286185.00
		ADD : 15% SUPERVISION CHARGES				42927.75
		B				329112.75
		A+B				2746970.89
		TOTAL ESTIMATE			Say Rs.	2746971.00

PASCHIM GUJARAT VIJ COMPANY LIMITED					9602000369	UG-4
PROPOSED COST DATA FOR THE YEAR 2018-19						
11 KV UNDERGROUND CABLE 240 MM2 Double CKT						
SR	ITEM CODE	PARTICULARS	UNIT	QTY	RATE	AMOUNT
	405000010	XLPE cable 240 mm2	Meter	2000	1146.96	2293920.00
	2108000010	Half Round Pipe (2 Nos.) 6" inner Dia and 1 Meter length	NO.	4000	116.00	464000.00
	411000058	Outdoor Cable Box for 240 MM2 XLPE Cable	No.	4	3965.00	15860.00
	411000060	Straight Through Joints for 240 MM2 XLPE Cable	No	6	8028.00	48168.00
	2108000009	Pre Bonding Tape	Meter	1000	9.87	9870.00
	2108000008	Route Marker of C.C. (1:2:4) 150x150x750 (in mm) Concrete Stone (PGVCL Mark with Approved Yellow Color Embedded in Earth atleast 300 mm below the ground Level at Approx. Distance 50 Meter or as directed by EIC	NO.	20	350.00	7000.00
	2108000012	HDPE Pipe 140 mm Dia 6mm Thickness	Meter	16	606.00	9696.00
	103000002	(a) GI Wire No. 8 From Pole Top to Earthing Coil	KG	4.64	69.68	323.32
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	4	39.27	157.08
	901000028	(c) Earthing Bolt	NO	4	15.39	61.56
	901000024	(d) Earthing Coil (GI Wire No 8)	NO	4	139.60	558.42
		COST OF MATERIALS				2849614.37
		ADD: 3% CONTINGENCIES				85488.43
		ADD: 2% STORAGE CHARGES				56992.29
		ADD: 2% VEHICLE & T&P				56992.29
		ADD: 15% GEC CHARGES ON COST OF MATERIALS				427442.16
		A				3476529.54
	9931000002	Excavation of Trench 0.75 meter wide and 1 meter deep for laying of underground cable of size upto 300 mm XLPE	Meter	1000	138	138000.00
	9902050014	Labour Charges for Laying of 240 mm2 & 240 mm2 XLPE Cable in the Trench as per Standard with Laying of Half Round Pipe on Top & Bottom including fixing of HDPE Pipe at End Termination	Meter	2000	38	76000.00
	9931000020	Supply of Sand & Laying in Trench (0.3 x 0.75 x 1 meter) Layer at Bottom approx. 0.225 CMT	R-Meter	1000	64	64000.00
	9902050016	Fixing of Route Markers	No	20	155	3100.00
	9902050012	Laying of Pre Bonding Tape on Trench after Laying of Cable Approx. at 500 mm Height in the Trench	Meter	1000	2.50	2500.00
	9902040002	INSTALLATION OF COIL TYPE EARTHING	NO.	4	590.00	2360.00
	9909000002	CARTING OF LINE MATERIALS TO SITE		1	225	225.00
		LABOUR CHARGES				286185.00
		ADD : 15% SUPERVISION CHARGES				42927.75
		B				329112.75
		A+B				3805642.29
		TOTAL ESTIMATE			Say Rs.	3805643.00

PASCHIM GUJARAT VIJ COMPANY LIMITED					9602000370	UG-5
PROPOSED COST DATA FOR THE YEAR 2018-19						
11 KV UNDERGROUND CABLE 185 MM2 & 240 MM2 Double CKT						
SR	ITEM CODE	PARTICULARS	UNIT	QTY	RATE	AMOUNT
	405000009	XLPE cable 185 mm2	Meter	1000	720.79	720789.28
	405000010	XLPE cable 240 mm2	Meter	1000	1146.96	1146960.00
	2108000010	Half Round Pipe (2 Nos.) 6" inner Dia and 1 Meter length	NO.	4000	116.00	464000.00
	411000066	Outdoor Cable Box for 185 MM2 XLPE Cable	No.	2	2625.00	5250.00
	411000058	Outdoor Cable Box for 240 MM2 XLPE Cable	No.	2	3965.00	7930.00
	499000008	Straight Through Joints for 185 MM2 XLPE Cable	No	3	6515.00	19545.00
	411000060	Straight Through Joints for 240 MM2 XLPE Cable	No	3	8028.00	24084.00
	2108000009	Pre Bonding Tape	Meter	1000	9.87	9870.00
	2108000008	Route Marker of C.C. (1:2:4) 150x150x750 (in mm) Concrete Stone (PGVCL Mark with Approved Yellow Color Embedded in Earth atleast 300 mm below the ground Level at Approx. Distance 50 Meter or as directed by EIC	NO.	20	350.00	7000.00
	2108000011	HDPE Pipe 110 mm Dia 6mm Thickness	Meter	8	544.50	4356.00
	2108000012	HDPE Pipe 140 mm Dia 6mm Thickness	Meter	8	606.00	4848.00
	103000002	(a) GI Wire No. 8 From Pole Top to Earthing Coil	KG	4.64	69.68	323.32
	2801000015	(b) Rigid PVC Pipe -20mm dia (1.5 Mtr) - 1No	NO	4	39.27	157.08
	901000028	(c) Earthing Bolt	NO	4	15.39	61.56
	901000024	(d) Earthing Coil (GI Wire No 8)	NO	4	139.60	558.42
		COST OF MATERIALS				2415732.65
		ADD: 3% CONTINGENCIES				72471.98
		ADD: 2% STORAGE CHARGES				48314.65
		ADD: 2% VEHICLE & T&P				48314.65
		ADD: 15% GEC CHARGES ON COST OF MATERIALS				362359.90
		A				2947193.84
	9931000002	Excavation of Trench 0.75 meter wide and 1 meter deep for laying of underground cable of size upto 300 mm XLPE	Meter	1000	138	138000.00
	9902050015	Labour Charges for Laying of 185 mm2 & 240 mm2 XLPE Cable in the Trench as per Standard with Laying of Half Round Pipe on Top & Bottom including fixing of HDPE Pipe at End Termination	Meter	2000	38	76000.00
	9931000020	Supply of Sand & Laying in Trench (0.3 x 0.75 x 1 meter) Layer at Bottom approx. 0.225 CMT	R-Meter	1000	64	64000.00
	9902050016	Fixing of Route Markers	No	20	155	3100.00
	9902050012	Laying of Pre Bonding Tape on Trench after Laying of Cable Approx. at 500 mm Height in the Trench	Meter	1000	2.50	2500.00
	9902040002	INSTALLATION OF COIL TYPE EARTHING	NO.	4	590.00	2360.00
	9909000002	CARTING OF LINE MATERIALS TO SITE		1	225	225.00
		LABOUR CHARGES				286185.00
		ADD : 15% SUPERVISION CHARGES				42927.75
		B				329112.75
		A+B				3276306.59
		TOTAL ESTIMATE			Say Rs.	3276307.00