**UGVCL****UTTAR GUJARAT VIJ COMPANY LIMITED**

CIN – U40102GJ2003SGC042906

**UGVCL/R&C/RE/Cost Data-2022-23/ 800**

Date: 29/12/22

To,  
Additional Chief Engineer / Superintending Engineer,  
Circle office, UGVCL,  
Palanpur/Sabarmati/Himatnagar/Mehsana.

**Sub:-Cost data and labour rates for erection of HT/LT lines & Transformer centers/  
Maintenance work / labour rates of stringing of HT/LT ABC for REC / Non-REC in the  
area of UGVCL for the year 2022-23 & onwards.**

In pursuance of the approval accorded by the competent authority, the labour rates of various items for the erection of HT/LT lines & Transformer centers, Maintenance work, stringing of HT/LT ABC for REC / Non-REC /City area etc. are enclosed herewith as Annexure A, B, & also itemwise RE and HT cost-data as Annexure-E and F respectively. These approved labour rates are excluding of GST.

This Cost-Data will come in force with immediate effect i.e. from Dt. 01.01.2023 and no past case are to be revised including for case where FQ issued and under payment and also FQ issued and if Time limit asked already approved. But if Time limit extension asked & yet not approved then in such cases, T.S. to be revised as per new cost data.

  
(V.M. Shroff)

**Chief Engineer (Op)  
UGVCL, Mehsana.**

Enclosed: - Revised Cost Data & Labour Rates  
(Annexure A, B, E, F)

**Copy to:-**

- E.A. to M.D., R&C office, Mehsana
- CE(P), , R&C Office, UGVCL, Mehsana
- GM(F), R&C Office, UGVCL, Mehsana
- ACE(Tech/Project), R&C Office, UGVCL, Mehsana
- SE(TECH/COM/CIVIL/SP/QCC/SOLAR/DSM), R&C Office, UGVCL, Mehsana
- SE (IT & EMC), UGVCL, R&C Office, Mehsana ..... for revising the rates in e-urja system in all the relevant modules with immediate effect.

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Annexure-A			
CAPITAL WORK LABOUR RATES FOR FY 2022-23 (WITHOUT GST)			
Sr. NO.	ITEM	UNIT	Approved Rate with amendment for the FY 2022-23
A	B	C	D
1	HT TAPPING FROM THE EXISTING POLE INCLUDING FIXING OF CROSS ARMS, CLAMPS ANTI-CLIMBING DEVICES, DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS AND NUMBERING OF POLES ,COMPLETE WITHOUT COST OF NUTS & BOLTS , PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO.	363
2	ERECTION OF PSC POLES OF 8 *200 KG INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OFCROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, INSULATORS ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS ,PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO.	878
3	ERECTION OF STEEL POLES OF <b>2 TO 11</b> METERS INCLUDING EXCAVATION OF PIT AND REFILLING OF EARTH, FIXING OFCROSS ARMS, TOP FITTING CLAMPS ANTI-CLIMBING DEVICES, DANGER BOARD, INSULATORS ETC. COMPLETE AND PAINTING OF STEEL POLE, FABRICATED MATERIALS USED ON THE POLEAND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS , PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING.	NO.	1395
4	ERECTION OF STEEL POLE OF 13 METERS FOR RAILWAY CROSSING ON BG/MG/NG LINE FOR 0.400/11/22KV OVERHEAD LINES 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 WITHOUT COST OF NUTS & BOLTS , PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	NO.	1599
5	ERECTION OF DOUBLE POLE STRUCTURE OF 8 METERS 200 KG PSC POLES 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 WITHOUT COST OF NUTS & BOLTS , PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. <b>(WITHOUT AB SWITCH)</b>	NO.	1892
6	ERECTION OF DOUBLE POLE STRUCTURE OF <b>2 TO 11</b> METERS. STEEL POLE INCLUDING EXCAVATION OF PITS & REFILLING OFEARTH, FIXING OF CHANNELS, SUPPORTING ANGLES, CLAMPS,ANTI-CLIMBING DEVICES DANGER BOARDS, INSULATORS ETC.COMPLETE & PAINTING OF POLES,FABRICATED MATERIALSUSED ON THE POLES AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS , PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING. <b>(WITHOUT AB SWITCH)</b>	NO.	2734
7	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, HG FUSES OF 8 MTRS 200 KG PSC POLES INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH, FIXING OF CHANNELS SUPPORTING ANGLES, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS, INSULATORS,DOFUSES ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS , PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDINGOF ERECTION OF GUY SET AND EARTHING. <b>(WITH AB SWITCH)</b>	NO.	2274
8	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH, HG FUSES TRANSFORMERS ,LAs,DISTRIBUTION BOX ETC. OF 10 MTRS* 270 KG PSC POLES INCLUDING EXCAVATION OF PITS AND REFILLING OF EARTH,CARTING OF TRANSFORMER FROM STORE TO SITE ,FIXING OF CHANNELS SUPPORTING ANGLES,BRACING,CROSS ARMS, CLAMPS, ANTI-CLIMBING DEVICES, DANGER BOARDS,INSULATORS,DOFUSES,CONDUCTORS & CABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING OF POLES WITHOUT COSTOF NUTS & BOLTS ,PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING OF ERECTION OF GUY SET AND EARTHING. <b>(WITH AB SWITCH)</b>	NO.	8173

  
 Chief Engineer (OP)  
 UCVC, Road Office

Annexure-A			
CAPITAL WORK LABOUR RATES FOR FY 2022-23 (WITHOUT GST)			
Sr. NO.	ITEM	UNIT	Approved Rate with amendment for the FY 2022-23
A	B	C	D
9	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH,HG FUSES, <u>9 TO 11</u> METERS STEEL POLES 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 ON THE POLES AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS AND PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING. <b>(WITH AB SWITCH)</b>	NO.	2878
10	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH,HG FUSES <u>13</u> METERS STEEL POLES 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 ON THE POLES AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS , PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SET AND EARTHING. <b>(WITH AB SWITCH)</b>	NO.	3388
11	ERECTION OF DOUBLE POLE STRUCTURES WITH MOUNTING OF AB SWITCH, HG FUSES, TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX. OF 8 METERS 200 KG PSC POLES 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 DEVICES DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLES AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS ,PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	NO.	6814
12	ERECTION OF DOUBLE POLE STRUCTURE WITH MOUNTING OF AB SWITCH,HG FUSES TRANSFORMERS, LIGHTENING ARRESTORS, DISTRIBUTION BOX <u>9 TO 11</u> METERS STEEL POLES INCLUDING EXCAVATION OF PITS & REFILLING OF EARTH CARTING OF TRANSFORMERS FROM STORE TO SITE, FIXING OF CHANNELS SUPPORTING ANGLES, BRACING, CROSS ARMS,CLAMPS, ANTICLIMBING DEVICES, DANGER BOARDS,CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF POLES FABRICATED MATERIALS USED ON THE POLES AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS ,PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTIONS OF GUY SETS AND EARTHING.	NO.	7589

  
 Chief Engineer (OP)  
 UGVCL, Regd. Office  
 Mehsana.




Annexure-A			
CAPITAL WORK LABOUR RATES FOR FY 2022-23 (WITHOUT GST)			
Sr. NO.	ITEM	UNIT	Approved Rate with amendment for the FY 2022-23
A	B	C	D
13	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 WITHOUT COST OF NUTS & BOLTS.	NO.	422
14	CONCRETING OF POLES, GUYS, ETC. INCLUDING COST OF CEMENT SAND METAL (1:2:4) AND WATER ETC. AS PER STANDARD SPECIFICATION.	CMT	5919
15	ERECTION OF COIL TYPE / CI PLATE TYPE EARTHING INCLUDING COST OF COAL, SALT ETC. BUT WITHOUT COST OF NUTS & BOLTS, GI WIRE AS PER STANDARD SPECIFICATION (10kg salt+10kg coal)	NO.	486
16	ERECTION OF STREET LIGHT FIXTURE COMPLETE WITH CLAMPS, BRASS NIPPLE, BRASS HOLDER TECK WOOD BUSH, REFLECTORS FUSE, WIRING ETC. WITHOUT COST OF NUTS & BOLTS AS PER STANDARD SPECIFICATION BUT EXCLUDING COST OF MATERIALS.	NO.	250
17	STRINGING OF ALL TYPE OF CONDUCTOR (EXCEPT DOG CONDUCTOR) FOR 11/22KV & LT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.	ONE CONDUCTOR PER KM	1592
18	PROVIDING SINGLE PHASE SERVICE CONNECTION WITH PVC 2.5 MM TWIN CORE CABLE FROM TERMINAL POLE TO METERING POINT INCLUDING FIXING OF METER WITH METER EARTHING COMPLETE WORK AS PER STANDARD SPECIFICATION INCLUDING JUSTI KHILAS, NUTS & BOLTS. BUT EXCLUDING COST OF MATERIALS	NO.	284
19	PROVIDING THREE PHASE 4 WIRE SERVICE CONNECTION WITH PVC 4MM2/10MM2 FOUR CORE CABLE FROM TERMINAL POLE TO METERING POINT INCLUDING FIXING OF METER WITH METER EARTHING COMPLETE WORK AS PER STANDARD SPECIFICATION INCLUDING JUSTI KHILAS, NUTS & BOLTS. BUT EXCLUDING COST OF MATERIALS	NO.	391
20	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.	248
21	PROVIDING GUARDING TO HT LINE ON ROAD/ RAIL CROSSING WITHOUT COST OF NUTS & BOLTS.	MTR	58
22	STRINGING OF GI WIRE 8 SWG INCLUDING BINDING JUMPERING ETC. (WITHOUT COST OF NUTS & BOLTS IF REQUIRED)	ONE CONDUCTOR PER KM	846
23	PROVIDING GUARDING OF LT LINES ON ROAD/RAIL CROSSING WITHOUT COST OF NUTS & BOLTS..	MTR	58
24	LT LINE TAPPING- SINGLE PHASE WITHOUT COST OF NUTS & BOLTS.	NO.	35

  
 Chief Engineer (OP)  
 UGVCL, Regd. Office  
 Mehsana.



Annexure-A			
CAPITAL WORK LABOUR RATES FOR FY 2022-23 (WITHOUT GST)			
Sr. NO.	ITEM	UNIT	Approved Rate with amendment for the FY 2022-23
A	B	C	D
25	LT LINE TAPPING- THREE PHASE WITHOUT COST OF NUTS & BOLTS.	NO.	65
26	LAYING OF OVER HEAD LT CABLE FOR ROAD CROSSING, HT LINE CROSSING AND TELEPHONE LINE CROSSING ETC. (PER SPAN) WITHOUT COST OF NUTS & BOLTS., JUSTI KHILA	NO.	178
27	ERECTION OF SINGLE POLE STRUCTURES WITH MOUNTING OF AB SWITCH , HG FUSES, TRANSFORMERS, LIGHTENING ARRESTOR, 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 DEVICES DANGER BOARDS, CONDUCTOR AND CABLE WIRING ETC. COMPLETE AND PAINTING OF FABRICATED MATERIALS USED ON THE POLE AND NUMBERING OF POLES WITHOUT COST OF NUTS & BOLTS, PAINT AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING.	NO.	3244
28	ERECTION OF PSC POLES OF 10 *270 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.	2055
29	ERECTION OF DOUBLE POLE STRUCTURE OF 10 METERS 270 KG PSC POLES 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 OF POLES WITHOUT COST OF NUTS & BOLTS, PAINTS AS PER STANDARD SPECIFICATION BUT EXCLUDING ERECTION OF GUY SETS AND EARTHING. (WITHOUT AB SWITCH)	NO.	4433
30	STRINGING OF DOG CONDUCTOR (100MM <sup>2</sup> ACSR/100MM <sup>2</sup> AAAC ) FOR 11/22KV & LT LINES INCLUDING FIXING OF INSULATORS, BINDING JUMPERING ETC.	ONE COND PER KM	3668
31	DISMANTALLING OF 8 MTR PSC POLE IN USABLE CON DITION WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE AT SAFE LOCATION ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE	No.	562
32	DISMANTALLING OF 10 MTR PSC POLE IN USABLE CON DITION WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE AT SAFE LOCATION ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE	No.	1131
33	DISMANTALLING OF TRANSFORMER CENTRE (8 MTR PSC POLE) WITH CREDITING OF FABRICATION & TRANSFORMER AT STORE & STACKING OF POLE AT SAFE LOCATION ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE ( TRANSFORMER CREDITING TO DEPARTMENTAL STORE) POLE & TRANSFORMER SHOULD BE IN SAME CONDITION AS IT WAS	No.	3328
34	DISMANTALLING OF TRANSFORMER CENTRE (8 MTR PSC POLE) (WITHOUT TRANSFORMER) WITH CREDITING OF FABRICATION AT STORE & STACKING OF POLE SAFELY ON ROAD SIDE OR CREDITING TO DEPARTMENTAL STORE	No.	2263

  
 Chief Engineer (OP)  
 UGVCL, Regd. Office  
 Mehsana.



Annexure-A			
CAPITAL WORK LABOUR RATES FOR FY 2022-23 (WITHOUT GST)			
Sr. NO.	ITEM	UNIT	Approved Rate with amendment for the FY 2022-23
A	B	C	D
35	STRINGING OF LT ABC OF FOLLOWING SIZE 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 AND TO PROVIDE SERVICE CONNECTION ON AERIAL BUNCH CABLE BY INSULATED PIERCEING CONNECTORS THROUGH SERVICE CONNECTION BOX COMPLETE AS REQUIRED & DIRECTED BY ENGINEER IN CHARGE EXCLUDING COST OF ACCESSORIES (1) 1X35MM2 + 1X25 MM2 (2) 1X35 MM2 +1X35 MM2 OR ANY SIZE OF SINGLE PHASE TWO WIRE LT AB CABLE	KM	6471
36	STRINGING OF LT ABC (3.5 CORE) OF FOLLOWING SIZE 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 AND TO PROVIDE SERVICE CONNECTION ON AERIAL BUNCH CABLE BY INSULATED PIERCEING CONNECTORS THROUGH SERVICE CONNECTION BOX COMPLETE AS REQUIRED & DIRECTED BY ENGINEER IN CHARGE EXCLUDING COST OF ACCESSORIES (1) 3X50MM2 + 16 MM2 +1X35 MM2 (2) 3X50 MM2 + 16 MM2 +1X25 MM2 OR ANY SIZE OF LT 3.5 CORE AB CABLE	KM	16178
37	STRINGING OF LT ABC (3.5 CORE) OF FOLLOWING SIZE 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 AND TO PROVIDE SERVICE CONNECTION ON AERIAL BUNCH CABLE BY INSULATED PIERCEING CONNECTORS THROUGH SERVICE CONNECTION BOX COMPLETE AS REQUIRED & DIRECTED BY ENGINEER IN CHARGE EXCLUDING COST OF ACCESSORIES (1) 3X95MM2 + 1X80 MM2 (2) 3X70 MM2 + 1X70 MM2 OR ANY SIZE OF LT 3.5 CORE AB CABLE	KM	31893
38	CARTING OF PSC POLE AT DESTINATION (PER POLE) MORE THAN 4 KM & UP TO WORK DESTINATION	L.S.	271
39	TRANSFORMER REPLACEMENT USING CRANE IN CITY AREA WITHOUT SHUT DOWN OF WHOLE LINE	L.S.	2000
40	SELF TIGHTENING ANCHORING (DEAD END) CLAMP WITH POLE BRACKET USING STAINLESS STEEL STRAP & BUCKLE	NO.	149
41	SELF LOCKING SUSPENSION CLAMP WITH POLE BRACKET USING STAINLESS STEEL STRAP & BUCKLE	NO.	165
42	PRE INSULATED MID SPAN JOINTS FOR PHASE & NEUTRAL FOR 16 SQ MM TO50MM2	NO.	149
43	STAINLESS STEEL OF SIZE STRAP 20MM*0.7MM & BUCKLE WIDTH 20 MM	NO.	42
REMARKS			
1	Work according to REC standard drawing/specification, else drawing /specifications as per UGVCL.		
2	For contingency work up to <u>Five single pole</u> erection and stringing (per village - as per instruction of engineer in charge), 20% additional charges may be provided to contractor for the emergency circumstances such as Cyclone, Flood, Earthquake. In case for any specified period if UGVCL will declare higher labour rates for works then provide rates whichever is higher.		
3	As far as possible there should be a situation where re-carting is required for more than 4 Km. Pole should be carted from pole factory nearer to the pole requirement, however in exceptional circumstances if re-carting is required for more than 4 KM up to work destination then the carting rates specified may be paid with specific justification of requirement of carting for more than 4 Km and prior approval of EE of Division.		
4	Note:* 50% labour charge consider for dismantalling work. 1. UGVCL will provide key material like M.S. materials,ABC/Bare conductors,PSC/RSJ Poles,Insulators,Fabricated materials etc.to the contractor. 2.All fabricated items shall be fabricated as per UGVCL approved drawing and by welding rods confirming to the relevent ISI specification and as directed by Engineer in charge. 3.Necessary electricty connection for fabrictated items shall be provided by UGVCL on payment of required charge for connection & electricity bill of the same shall be paid by the agency. 4.All the rates are inclusive of PF and Exclusive of GST applicable time to time.		



## Annexure-B

UGVCL MAINTENANCE LABOUR RATES FOR WORKS FOR FY 2022-23 (WITHOUT GST)			
Sr. No.	DETAILS OF WORKS	UNIT	Approved Rate with amendment for the FY 2022-23
a	b	c	d
1	Replacement of 11KV PIN insulator by new Pin Insulator /Composite Pin Insulator	No	34
2	Rejumping of HT/LT line for shackle pole	Per Pole	65
3	Erection of Support pole (PSC/STP/RSJ) for Stay i.e. Stud pole	No.	526
4	Pin binding of conductor 11/22kv Pin insulator as per instruction of Engineer Incharge	Per Pole	20
5	Pin binding of conductor LT shakel insulator as per instruction of Engineer Incharge	Per Pole	18
6	Replacement of 11KV Disc.insulator by new Disc Insulator /Composite Disc Insulator	No.	122
7	Replacement of LT shackle insulator by new one	No.	26
8	Refixing of V cross Arm in proper position	No.	52
9	Replacement of V cross Arm by new one with painting	No.	175
10	Refixing of Top fitting in proper position	No.	35
11	Replacement of Top fitting by new one	No.	42
12	Numbering of pole with paint by preparing back ground of one colour and have lettering (height 3" * width 0.5") as per instruction of Engineer Incharge (Colour must have ISI mark & to be provided by contractor)	No.	38
13	Fixing of MMB(1PH.) at consumer end , fastners to be provided by contractor	No.	65
14	Replacement of (1ph.) meter for Urban area	No.	42
15	Replacement of (1ph.) meter for Rural area	No.	58

  
 Chief Engineer (OP)  
 UGVCL, Regd. Office

## Annexure-B


UGVCL MAINTENANCE LABOUR RATES FOR WORKS FOR FY 2022-23 (WITHOUT GST)			
Sr. No.	DETAILS OF WORKS	UNIT	Approved Rate with amendment for the FY 2022-23
a	b	c	d
16	Painting/Writing Consumer no. on SMB/MMB (Urban) (with letter size height 40mm* width 8mm)	No.	8.4
17	Painting consumer no. on MMB (Rural) (with letter size height 40mm* width 8mm)	No.	15.7
18	Replacement of deteriorated /providing LT dist. Box with new up to 100KVA capacity & crediting it to store.	No.	876
19	Replacement of deteriorated /providing LT dist. Box with new above 100KVA capacity & crediting it to store.	No.	1577
20	Replacement of 1 Ph old service line by new <u>PVC/Armored</u> service line (without meter and meter box) by using GI wire no. 10, Real insulator, two nos. of Egg insulators <u>including labour of</u> fitting of necessary accessories at Consumer end as per specification. <u>Including the cost of Nuts &amp; Bolts</u>	No	187
21	Removal/Dismantaling of Existing HT/LT line (34 mm2 <u>to</u> 55mm2 conductor) and crediting to store. Conductor has to dismantal from shackle to shackle pole, with mimimum nos. of cut piece as instruction of engineer incharge.	Per Cond. Per Km	715
22	Removal/Dismantaling of Existing HT/LT line (Above 55mm2 size conductor) and crediting to store. Conductor has to dismantal from shackle to shackle pole, with mimimum nos. of cut piece as instruction of engineer incharge.	Per Cond. Per Km	1595
23	Re-stringing of HT & LT line (34mm2 to 55mm2) conductor/ coated conductor with new pin binding	1 Wire per Span	80
24	Re-stringing of HT & LT line (Above 55mm2 size conductor) conductor/ coated conductor with new pin binding	1 Wire per Span	90
25	Re-stringing of 11 KV Aerial Bunch cable (All size) per Span <u>with labour of</u> Fitting of accessories.	Per Span	237

Chief Engineer (QB)  
UGVCL, Regd. Office  
Mehsana.



## Annexure-B

UGVCL MAINTENANCE LABOUR RATES FOR WORKS FOR FY 2022-23 (WITHOUT GST)			
Sr. No.	DETAILS OF WORKS	UNIT	Approved Rate with amendment for the FY 2022-23
a	b	c	d
26	<u>Only Colour/painting work</u> on existing/erected items, two coats of red oxide colour (Appored ISI Mark) and two coats of silver colour (Approved ISI mark)... Red oxide & Colours are to be supplied by contractor		
	A. Painting of <u>steel / MS fabricated</u> materials of <u>PSC/RSJ pole (HT line)</u>	Nos.	88
	B. Painting of <u>steel / MS fabricated</u> materials of <u>PSC/RSJ pole - HT Pole Extension (HT line)</u>	Nos.	128
	C. Painting of <u>steel / MS fabricated</u> materias of <u>PSC/RSJ pole (LT line-4Wire)</u>	Nos.	65
	D. Painting of all <u>steel/ MS fabricated</u> materials on <u>DP structure (without transformer)</u> of PSC /RSJ pole (Excluding RSJ Pole)	Nos.	272
	E. Painting of all <u>steel/ MS fabricated</u> materials on <u>DP structure with transformer</u> of PSC /RSJ pole (Excluding RSJ Pole)	Nos.	556
	F. Painting of Steel/RSJ Pole -100*116 of 9 to 13 mtr (Excluding fabricated materials)	Nos.	811
	G. Painting of Steel/RSJ Pole -150x150 of 11 to 13 mtr (Excluding fabricated materials)	Nos.	1042

  
 Chief Engineer (OP),  
 UGVCL, Regd. Office  
 Mehsana.

## Annexure-B

UGVCL MAINTENANCE LABOUR RATES FOR WORKS FOR FY 2022-23 (WITHOUT GST)			
Sr. No.	DETAILS OF WORKS	UNIT	Approved Rate with amendment for the FY 2022-23
a	b	c	d
27	Cutting of Tree branches obstructing HT/LT line on one tree (Consider size of branch above 6 Inch Diameter)	Per Tree	45
28	Trimming & Cutting of bigger size of Tree branches / Whole tree obstructing HT/LT line (During Mass Maintenance Activities 8 Hrs duration)	Per Day	475
29	Trimming & Cutting of bigger size of Tree branches / Whole tree obstructing HT/LT line (During Local Maintenance Activities )	Per Day	375
30	Trimming & Cutting of Tree branches obstructing HT/LT line with minimum 2 Labours & Driver with Tree Cutting Machine & Ladder Vehicle (During Mass Maintenance Activities / Disaster)	Per Day	3000
31	Re tightening of loose GUY set in all aspects /Adjustment the tension in stay wire	No.	125
32	Converting Pin point to Shackle point including dismantling & restringing etc. (including cost of nuts and bolts)	location	1781
33	Stringing of tilted PSC/RSJ Pole at pin point	No.	208
34	Stringing of tilted PSC/RSJ Pole at tension point	No.	228
35	Fabrication of Anchor Rod from 16 SQ.mm MS Raoundbar & 65 mm x 65 mm x 6 mm / 50 mm x 50 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	12
36	Fabrication of Eye Bolt from 16 SQ.mm MS Raoundbar with supplying of 2 (two) nuts of suitable size as per approved drawing and requirement of the company.	No.	23
37	Fabrication of Turn Buckle from 16 SQ.mm MS Raoundbar & 65 mm x 65 mm x 6 mm / 50 mm x 50 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	12
38	Fabrication of 11' (feet) long Top/Bottom/D.O. angle from 65 mm x 65 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	29
39	Fabrication of 9' (feet) long Top/Bottom/D.O. angle from 65 mm x 65 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	29
40	Fabrication of 4'6" (feet) long Tapping / bracing angle from 65 mm x 65 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	14

Chief Engineer (OP)




## Annexure-B

UGVCL MAINTENANCE LABOUR RATES FOR WORKS FOR FY 2022-23 (WITHOUT GST)			
Sr. No.	DETAILS OF WORKS	UNIT	Approved Rate with amendment for the FY 2022-23
a	b	c	d
41	Fabrication of 2'6" (feet) long bracing/ support angle from 65 mm x 65 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	12
42	Fabrication of 11KV HT 'V' Cross Arm from 65 mm x 65 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	40
43	Fabrication of 11KV HT Top fitting from 65 mm x 65 mm x 6 mm M.S. angle and 50mm x 6 mm M.S. flat as per approved drawing and requirement of the company.	No.	13
44	Fabrication of Guy Clamp pair suitable for 8mtr PSC pole from 50mm x 6 mm M.S. flat as per approved drawing and requirement of the company.	PAIR	12
45	Fabrication of 'U' Clamp from 50mm x 6 mm M.S. flat as per approved drawing and requirement of the company.	No.	4
46	Fabrication of 'C' clamp suitable for PSC pole from 50mm x 6 mm M.S. flat as per approved drawing and requirement of the company.	No.	5
47	Fabrication of 'C' clamp suitable for RSJ GIRDER pole from 50mm x 6 mm M.S. flat as per approved drawing and requirement of the company.	No.	5
48	Fabrication of Three hole patti from 50mm x 6 mm M.S. flat as per approved drawing and requirement of the company.	No.	4
49	Fabrication of 11' (feet) long Top/Bottom channel from 100 mm x 50 mm x 5 mm M.S. channel as per approved drawing and requirement of the company.	No.	36
50	Fabrication of 9' (feet) long Top/Bottom channel from 100 mm x 50 mm x 5 mm M.S. channel as per approved drawing and requirement of the company.	No.	36
51	Fabrication of 11'(feet) long angle bracing from 50 mm x 50 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	23
52	Fabrication of 9'(feet) long angle bracing from 50 mm x 50 mm x 6 mm M.S. angle as per approved drawing and requirement of the company.	No.	23
53	Fabrication of Guy Clamp pair suitable for 10mtr PSC / 9 - 11 Mtr RSJ pole from 50mm x 6 mm M.S. flat as per approved drawing and requirement of the company.	No.	8

Chief Engineer (OP)  
UGVCL, Road Office


## Annexure-B

UGVCL MAINTENANCE LABOUR RATES FOR WORKS FOR FY 2022-23 (WITHOUT GST)			
Sr. No.	DETAILS OF WORKS	UNIT	Approved Rate with amendment for the FY 2022-23
a	b	c	d
54	Fabrication of HT extension (with V X arm & Stay /side clamp) suitable for 11 KV system from 65*65*6 mm MS angle s per approved drawing and requirement of the company.(4 ft. & 6 ft)	No.	230
55	Supply of Heat Shrinkable type Straight Joint Cable kit Single Core suitable for 11 KV, 1 C x 70 sqmm & 1C x 95 sqmm AB Cable (1 Phase )	Nos.	1200
56	Labour Charges for Fixing Heat Shrinkable type Cable Joint for 11 KV 1C x 70 sqmm ,1C x 95 sqmm AB Cable (1 Phase )	Nos.	500
57	Labour Charges for Fixing Heat Shrinkable type Cable Joint for 11 KV 1C x70 sqmm / 1C x95 sqmm AB Cable including Restranging of HT AB cable	L.S.	1000
58	Providing & fixing Heat Shrinkable type Cable Jointing kit suitable for 11 KV 3C x 70 sqmm , 3C x 95 sqmm AB Cable for Outdoor Termination application	Nos.	2550
59	Pole broken charges in emergency situation (Necessary approval should be taken by the EE(Division) before approve the bills.	per pole	3000
REMARKS:			
i	Note: * 50% labour charge consider for dismantling work.		
ii	1.UGVCL will provide key material like M.S. materials,ABC/Bare conductors,PSC/RSJ Poles,Insulators,Fabricated materials etc. to the contractor. 2.All fabricated items shall be fabricated as per UGVCL approved drawing and by welding rods confirming to the relevent ISI specification and as directed by Engineer in charge. 3.Necessary electricity connection for fabrication items shall be provided by UGVCL on payment of required charge for connection & electricity bill of the same shall be paid by the agency. 4.All the rates are inclusive of PF & Exclusive of GST applicable time to time.		

  
 Chief Engineer (OP)  
 UGVCL, Regd. Office  
 Mehsana.



UGVCL		UTTAR GUJARAT VIJ COMPANY LIMITED				UGVCL	
ITEM WISE COST DATA (RE/CITY) FOR FY 2022-23							
ANNEXURE-E							
SR NO.	ITEM CODE	ITEM NO	PARTICULARS	UNIT	RATE (In Rs.) 22-23		
1	9601000001	ITEM 1	TAPPING FROM EXISTING POLES FOR 11 KV LINE	NO	8612		
2	9601000002	ITEM 2	GUARDING UNDER HT AND LT LINE (SPAN-60 MTR)	NO	9285		
3	9601000003	ITEM 3	11 KV DOUBLE POLE STRUCTURE WITH A.B.SWITCH ON PSC 8 MTR POLE	NO	48716		
4	NEW	ITEM 4	11 KV DOUBLE POLE STRUCTURE WITH A.B.SWITCH ON PSC 10 MTR POLE	NO	57262		
5	9602000104	ITEM 5	11 KV DOUBLE POLE STRUCTURE WITH A.B.SWITCH On RSJ 9 MTR POLE	NO	89741		
6	9601000004	ITEM 6	11 KV DOUBLE POLE STRUCTURE WITH HG FUSE (WITHOUT AB SWITCH) On PSC 8 MTR POLE	NO	39655		
HT LINE							
7	9601000005	ITEM 7	11KV LINE WITH 34 MM2 AAAC CONDUCTOR( SPAN 50 MTR ) ON 8 MTR PSC POLE WITH WIND PRESSURE ZONE 100 KG/M2	KM	278806		
8	9601000006	ITEM 8	11KV LINE WITH 55 MM2 AAAC CONDUCTOR(SPAN- 50 MTR) ON 8 MTR PSC POLE WITH WIND PRESSURE 100 KG/M2	KM	333880		
9	9602000204	ITEM 9	11KV LINE WITH 55 MM2 AAAC CONDUCTOR (SPAN-33 MTR) ON 8 MTR PSC POLE WITH WIND PRESSURE 100 KG/M2	KM	429647		
10	9602000207	ITEM 10	11KV LINE WITH DOG CONDUCTOR (SPAN-50 MTR) ON PSC POLE (10 MTR) WITH 11 KV MATERIALS	KM	565060		
11	NEW	ITEM 11	11KV LINE WITH DOG CONDUCTOR (SPAN-33 MTR) ON PSC POLE (10 MTR) WITH 11 KV MATERIALS	KM	694480		
12	9602000208	ITEM 12	11KV LINE WITH DOG AAAC CONDUCTOR (SPAN-33 MTR) ON RSJ POLE (9 MTR) WITH WIND PRESSURE 100 KG/M2	KM	1182624		
13	9602000209	ITEM 13	11KV LINE WITH 55 MM2 AAAC CONDUCTOR (SPAN-50 MTR) ON 10 MTR PSC POLE WITH WIND PRESSURE 100 KG/M2 WITH 11 KV MATERIALS	KM	421428		
14		ITEM 14	11KV LINE WITH 55 MM2 AAAC CONDUCTOR (SPAN-33 MTR) ON 10 MTR PSC POLE WITH WIND PRESSURE 100 KG/M2 WITH 11 KV MATERIALS	KM	554694		
15	9601000007	ITEM 15	UNDER GROUND RAILWAY CROSSING (DOUBLE TRACK- BROAD GAUGE) FOR 11 KV SYSTEM	NO	802658		
16	9601000008	ITEM 16	RIVER CROSSING (11KV) on 10 MTR PSC POLE	NO	92841		
TRANSFORMER CENTRE ON SINGLE POLE STRUCTURE WITH OUT FENCING							
17	9601000026	ITEM 17	25 KVA CAPACITY 11 KV/0.433 KV TRANSFORMER CENTRE USING SINGLE POLE STRUCTURE	NO	145014		
18	9601000044	ITEM 18	16 KVA CAPACITY 11 KV/0.433 KV TRANSFORMER CENTRE USING SINGLE POLE STRUCTURE	NO	129033		
19	9601000045	ITEM 19	10 KVA CAPACITY 11 KV/0.433 KV TRANSFORMER CENTRE USING SINGLE POLE STRUCTURE	NO	117809		
20	NEW	ITEM 20	5 KVA CAPACITY 11 KV/0.433 KV TRANSFORMER CENTRE USING SINGLE POLE STRUCTURE	NO	94812		



  
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<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: center;"> <b>UTTAR GUJARAT VIJ COMPANY LIMITED</b>  <b>ITEM WISE COST DATA (RE/CITY) FOR FY 2022-23</b>  <b>ANNEXURE-E</b> </div>  </div>					
SR NO.	ITEM CODE	ITEM NO	PARTICULARS	UNIT	RATE (In Rs.) 22-23
<b>TRANSFORMER CENTRE ON DOUBLE POLE STRUCTURE WITH OUT FENCING</b>					
21	9601000046	ITEM 21	11/0.433 KV 10 KVA DIST. TRANSFORMER CENTRE USING DOUBLE POLE STRUCTURE WITHOUT FENCING	No	138612
22	9601000047	ITEM 22	11/0.433 KV 16 KVA DIST. TRANSFORMER CENTRE USING DOUBLE POLE STRUCTURE WITHOUT FENCING	NO	149318
23	9601000009	ITEM 23	11/0.433 KV 25 KVA DIST. TRANSFORMER CENTRE WITHOUT FENCING	KM	165550
24	9601000010	ITEM 24	11/0.433 KV 63 KVA DIST. TRANSFORMER CENTRE WITHOUT FENCING	NO	228742
25	9601000011	ITEM 25	11/0.433 KV 100 KVA DIST. TRANSFORMER CENTRE WITHOUT FENCING	NO	286395
26	9602000125	ITEM 26	11/0.433 KV 100 KVA DIST. TRANSFORMER CENTRE ON RSJ POLE WITHOUT FENCING	NO	328514
27	9602000127	ITEM 27	11/0.433 KV 200 KVA DIST. TRANSFORMER CENTRE ON RSJ POLE WITHOUT FENCING	NO	739995
<b>TRANSFORMER CENTRE ON DOUBLE POLE STRUCTURE WITH FENCING</b>					
28	9601000046	ITEM 28	11/0.433 KV 10 KVA DIST. TRANSFORMER CENTRE USING DOUBLE POLE STRUCTURE ON 8 MTR PSC POLE WITH FENCING	No	167007
29	9601000047	ITEM 29	11/0.433 KV 16 KVA DIST. TRANSFORMER CENTRE USING DOUBLE POLE STRUCTURE ON 8 MTR PSC POLE WITH FENCING	NO	177556
30	9601000009	ITEM 30	11/0.433 KV 25 KVA DIST. TRANSFORMER CENTRE USING DOUBLE POLE STRUCTURE ON 8 MTR PSC POLE WITH FENCING	KM	193788
31	9601000010	ITEM 31	11/0.433 KV 63 KVA DIST. TRANSFORMER CENTRE USING DOUBLE POLE STRUCTURE ON 8 MTR PSC POLE WITH FENCING	NO	256980
32	9601000011	ITEM 32	11/0.433 KV 100 KVA DIST. TRANSFORMER CENTRE USING DOUBLE POLE STRUCTURE ON 8 MTR PSC POLE WITH FENCING	NO	314633
33	9602000125	ITEM 33	11/0.433 KV 100 KVA DIST. TRANSFORMER CENTRE ON RSJ POLE WITH FENCING	NO	356752
34	9602000127	ITEM 34	11/0.433 KV 200 KVA DIST. TRANSFORMER CENTRE ON RSJ POLE WITH FENCING	NO	768233
35		ITEM 35	11/0.433 KV 200 KVA DIST. TRANSFORMER CENTRE ON 10 MTR PSC POLE WITH FENCING	NO	743186
36	9602000130	ITEM 36	11/0.433 KV 500 KVA DIST. TRANSFORMER CENTRE ON PLINTH	NO	2405845
<b>SPECIAL DESIGNED TRANSFORMER / PAT</b>					
37		ITEM 37	11/0.433 KV ERECTION OF SPECIAL DESIGNED TRANSFORMER- SDT - 24 AMP	NO	255674
38		ITEM 38	11/0.433 KV ERECTION OF SPECIAL DESIGNED TRANSFORMER - SDT- 30 AMP	NO	283734
39		ITEM 39	11/0.433 KV ERECTION OF PILOT ADVANCE TRANSFORMER - PAT- 24.7 AMP	NO	326873
40		ITEM 40	11/0.433 KV ERECTION OF PILOT ADVANCE TRANSFORMER - PAT- 54 AMP	NO	447144


  
 Chief Engineer (OP)  
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SR NO.	ITEM CODE	ITEM NO	PARTICULARS	UNIT	RATE (In Rs.) 22-23
<b>LT LINE</b>					
41	9601000012	ITEM 41	L.T. LINE 1 PH 2 WIRE USING 34 MM2 AAAC CONDUCTOR (SPAN-50 MTR) WITH WIND PRESSURE 100 KG/M2	KM	209758
42	9601000013	ITEM 42	L.T. LINE 1PH.3 WIRE FOR VERTICAL FORMATION USING 34 MM2 AAAC CONDUCTOR (SPAN-50 MTR) WITH WIND PRESSURE 100 KG/M2	KM	247609
43	96020002111	ITEM 43	L.T. LINE 1PH.3 WIRE FOR VERTICAL FORMATION USING 34 MM2 AAAC CONDUCTOR (SPAN - 30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	332974
44	9601000014	ITEM 44	L.T. LINE 3PH.4 WIRE FOR AG. PURPOSE AND VERTICAL FORMATION USING 34 MM2 AAAC CONDUCTOR (SPAN- 50 MTR) WITH WIND PRESSURE 100 KG/M2	KM	283217
45	9602000212	ITEM 45	L.T. LINE 3PH.4 WIRE VERTICAL FORMATION USING 34 MM2 AAAC CONDUCTOR (SPAN-30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	410952
46	9602000213	ITEM 46	L.T. LINE 3PH.4 WIRE VERTICAL FORMATION USING 9 MTR RSJ POLES 34 MM2 AAAC CONDUCTOR (SPAN-30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	1075708
47	9602000143	ITEM 47	L.T. LINE 3PH.4 WIRE VERTICAL FORMATION USING 10 MTR PSC POLES 34 MM2 AAAC CONDUCTOR (SPAN-50 MTR) WITH WIND PRESSURE 100 KG/M2	KM	406586
48	9601000015	ITEM 48	L.T. LINE 3PH.4 WIRE FOR AG. PURPOSE AND VERTICAL FORMATION USING 55 MM2 AAAC CONDUCTOR (SPAN- 50 MTR) WITH WIND PRESSURE 100 KG/M2	KM	338004
49	9602000214	ITEM 49	L.T. LINE 3PH.4 WIRE FOR CITY/GIDC PURPOSE AND VERTICAL FORMATION USING PSC POLE 55 MM2 AAAC CONDUCTOR (Span-30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	430791
50	9602000215	ITEM 50	L.T. LINE 3PH.4 WIRE FOR CITY/GIDC PURPOSE AND VERTICAL FORMATION USING 9 MTR RSJ POLE 55 MM2 AAAC CONDUCTOR (Span-30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	1130623
51	9601000016	ITEM 51	L.T. LINE 3PH.5 WIRE FOR VERTICAL FORMATION USING 34MM2AAAC CONDUCTOR (WEASEL) (SPAN-50 MTR) WITH WIND PRESSURE 100 KG/M2	KM	324511
52	9602000216	ITEM 52	L.T. LINE 3PH.5 WIRE FOR VERTICAL FORMATION USING 34MM2AAAC CONDUCTOR (Span-30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	415361
53	9602000217	ITEM 53	L.T. LINE 3PHASE 5 WIRE VERTICAL FORMATION USING 9 MTR RSJ POLE 34 MM2 AAAC CONDUCTOR (SPAN 30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	1116072
54	9601000017	ITEM 54	L.T. LINE 3PHASE 5 WIRE FOR AG PURPOSE. VERTICAL FORMATION USING 55 MM2 AAAC CONDUCTOR (SPAN-50 MTR) WITH WIND PRESSURE 100 KG/M2	KM	378005
55	9602000218	ITEM 55	L.T. LINE 3PHASE 5 WIRE VERTICAL FORMATION USING RSJ POLE 55 MM2 AAAC CONDUCTOR (SPAN 30 MTR) WITH WIND PRESSURE 100 KG/M2	KM	1169523
56	9602000219	ITEM 56	L.T. LINE ADDING OF ONE WIRE IN VERTICAL FORMATION USING 55 MM2 AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M2	KM	63361
<b>SERVICE CONNECTION (WITH EARTH TERMINAL)</b>					
57	9601000018	ITEM 57	SERVICE CONNECTION 3 PHASE 4 WIRE UP TO 5 HP	NO	7660
58	9601000019	ITEM 58	SERVICE CONNECTION 3 PHASE 4 WIRE FROM 5 HP TO 10 HP	NO	8421
59	9601000020	ITEM 59	SERVICE CONNECTION 3 PHASE 4 WIRE FROM 10 HP TO 20 HP	NO	9418
60	9601000021	ITEM 60	SERVICE CONNECTION 3 PHASE 4 WIRE FROM 20 HP TO 60 HP	No	18602
61	9601000022	ITEM 61	SERVICE CONNECTION 3 PHASE 4 WIRE FROM 60 HP AND ABOVE	No	23236
62	9601000023	ITEM 62	ESTIMATE FOR SINGLE PHASE SERVICE CONNECTION UP TO 6 KW LOAD	No	3486
63	9601000024	ITEM 63	ESTIMATE FOR SINGLE PHASE STREET LIGHT CONNECTION	No	3716
64	9601000025	ITEM 64	ESTIMATE FOR SINGLE PHASE STREET LIGHT FIXTURE	No	1358


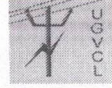
  
**Chief Engineer. (OP)**  
**UGVCL, Regd. Office**  
**Mehsana.**

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SR NO.	ITEM CODE	ITEM NO	PARTICULARS	UNIT	RATE (In Rs.) 22-23
<u>ARIAL BUNCH CABLE</u>					
65	9601000049	ITEM 65	LT LINE 1PH 2 WIRE USING ABC OF SIZE 1x 35 SQ MM + 1x 35 SQ MM ON 8 MTR PSC POLES	KM	253091
66	9601000050	ITEM 66	LT LINE 3PH 4 WIRE USING ABC OF SIZE 3x 35 SQ MM + 1x 16 SQ MM + 1x 25 SQ MM ON 8 MTR PSC POLES	KM	366159
67		ITEM 67	LT LINE 3PH 4 WIRE USING ABC OF SIZE 3x 50 SQ MM + 1x 25 SQ MM + 1x 35 SQ MM ON 8 MTR PSC POLES	KM	395203
68	9601000051	ITEM 68	11 KV LINE USING ABC OF SIZE 11 KV 3x 70 SQ MM ON 8 MTR PSC POLE	KM	1014014
69	9601000052	ITEM 69	11 KV LINE USING ABC OF SIZE 11 KV 3x 70 SQ MM ON 11 MTR RSJ POLE	KM	1459097
70		ITEM 70	11 KV LINE USING ABC OF SIZE 11 KV 3x 70 SQ MM ON 10 MTR PSC POLE	KM	1128392
<u>MISCELLANEOUS</u>					
71		ITEM 71	SINGLE POLE STRUCTURE WITH 11 KV DO FUSE	NO	25842
72	9601000048	ITEM 72	PROVIDING FANCING AROUND DIST. TRANSFORMER CENTRE	NO	29656
73		ITEM 73	REPLACEMENT OF SINGLE PHASE SERVICE CONNECTION BY 4.0 MM2 TWIN CORE ARMOURD CABLE	No	1946
74		ITEM 74	REPLACEMENT OF SINGLE PHASE MMB BY SMC	No	398
75		ITEM 75	SINGLE PHASE METER REPLACEMENT (UP TO 6 KW LOAD )	No	974

  
 Chief Engineer (OP)  
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SR NO.	ITEM CODE	ITEM NO.	PARTICULARS	UNIT	RATE (In Rs.) 22-23
1	2	3	4	5	6
1	9603000051	ITEM 1	11KV INDOOR FEEDER BREAKER PANEL (VCB) COMPLETE IN ALL RESPECT AT S/S END	No.	451052
2	9603000016	ITEM 2	11KV DP STRUCTURE AT S/S END FOR O/H LINE AND U/G CABLE USING 11 MTR RSJ POLES	No.	106957
3	9603000046	ITEM 3	11KV 185 MM2 XLPE ALLUMINIUM, 3 CORE CABLE INCLUDING LAYING BY DIGGING CABLE TRENCH	Mtr.	1654
4	9603000047	ITEM 4	11KV 240 MM2 XLPE ALLUMINIUM, 3 CORE CABLE INCLUDING LAYING BY DIGGING CABLE TRENCH	Mtr.	1929
5	NEW	ITEM 5	11KV 185 MM2 XLPE ALLUMINIUM, 3 CORE CABLE INCLUDING LAYING BY PUSH THROUGH METHOD	Mtr.	2608
6		ITEM 6	11KV 240 MM2 XLPE ALLUMINIUM, 3 CORE CABLE INCLUDING LAYING BY PUSH THROUGH METHOD	Mtr.	3200
7	9603000001	ITEM 7	11KV TAPPING FROM EXISTING POLE	No.	8612
8	9603000002	ITEM 8	11KV D. P. STRUCTURE WITH A. B. SWITCH USING 8 MTR PSC POLES.	No.	48716
9	9603000057	ITEM 9	11KV D. P. STRUCTURE WITH H.G. FUSE USING 8 MTR PSC POLES (WITHOUT AB SWITCH)	No.	39655
10	9603000003	ITEM 10	11KV D. P. STRUCTURE A. B. SWITCH USING 9 MTR RSJ POLES.	No.	89741
11	9603000060	ITEM 11	11KV D. P. STRUCTURE WITH H.G. FUSE USING 9 MTR RSJ POLES.	No.	70090
12	9603000004	ITEM 12	11KV D. P. STRUCTURE A. B. SWITCH USING 11 MTR RSJ POLES.	No.	98320
13	9603000059	ITEM 13	11KV D. P. STRUCTURE H.G.FUSE USING 11 MTR RSJ POLES.	No.	78267
14	9603000005	ITEM 14	11KV LINE WITH 55MM2 AAA CONDUCTOR USING 8 MTR/ 200 KG PSC POLES. WPZ - 100 KG/M2(SPAN 50 MTRS.)	KM	333879
15	9603000006	ITEM 15	11KV LINE WITH 55 MM2 AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M2 ON RSJ/TUBULAR POLE-11 MTR (SPAN-33 MTR)	KM	1161476
16	9603000061	ITEM 16	11KV LINE WITH 55 MM2 AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M2 ON RSJ/TUBULAR POLE-11 MTR (SPAN-50 MTR)	KM	839403
17	9603000062	ITEM 17	11KV LINE WITH 55 MM2 AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M2 ON RSJ/TUBULAR POLE- 9 MTR (SPAN-50 MTR)	KM	757638
18	9603000050	ITEM 18	11KV LINE WITH 55 MM2 AAAC CONDUCTOR WITH WIND PRESSURE 100 KG/M2 ON PSC POLE(SPAN-33 MTR)	KM	429647
19	9603000008	ITEM 19	11KV LINE WITH 100MM2 AAA "DOG" CONDUCTOR USING 116MM X 100MM X 11MTR LONG RSJ POLE (33 MTR. SPAN)	KM	1284365
20	9603000009	ITEM 20	11KV LINE WITH 100MM2 AAA "DOG" CONDUCTOR USING 116MM X 100MM X 11MTR LONG RSJ POLE (50 MTR SPAN)	KM	959816
21	9603000010	ITEM 21	11KV RAILWAY CROSSING BY 185 MM2 U/G XLPE CABLE. ( DOUBLE CKT 115 MTR LENGTH)	NO.	802658
19	9603000011	ITEM 22	GUARDING FOR H.T./ L.T.LINES AND P&T LINES	Mtr.	9285
20	9603000012	ITEM 23	11KV D.P. STRUCTURE AT CONSUMER END WITH H.G. FUSES AND LA FOR MOUNTING CTPT SET USING 8 MTR PSC POLES	No.	80323
21	9603000013	ITEM 24	11KV D.P. STRUCTURE AT CONSUMER END WITH H.G. FUSES AND LA FOR MOUNTING CTPT SET USING 11 MTR RSJ POLES	No.	117992

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SR NO.	ITEM CODE	ITEM NO.	PARTICULARS	UNIT	RATE (In Rs.) 22-23
22	9603000063	ITEM 25	11KV D.P. STRUCTURE AT CONSUMER END WITH H.G. FUSES AND LA FOR MOUNTING CTPT SET USING 9 MTR RSJ POLES	No.	107432
23	9603000049	ITEM 26	RIVER CROSSING USING 10 MTR PSC POLES FOR 11KV	No.	92841
24	9603000015	ITEM 27	RIVER CROSSING USING 11 MTR RSJ POLES FOR 11KV	No.	171362
			<u>SUB TOTAL OF COLUMN NO.6 ( I.E. ITEM 1 TO ITEM 27 )</u>		
26		ITEM 28	SERVICE CONNECTION CHARGES		
27			1) Up to 500 KVA	No.	9000
28			2) 500 KVA to 1000 KVA	No.	9000 Plus 1400 per 100 KVA above 500KVA
29			3) Above 1000 KVA	No.	16000 Plus 1700 per 100 KVA above 1000KVA
			TOTAL COST TO BE BORNE BY APPLICANT (SUBTOTAL FROM ITEM 21 TO ITEM 27 AND ITEM 28)		
30	9603000017	ITEM 29	1)COST OF TVM - 5 Amp Sec	No.	11800
31	9603000018	ITEM 30	2)COST OF TVM - 1 Amp Sec	No.	36850
32	9603000019	ITEM 31	1)COST OF 11 KV CTPT SET 10/5 A	No.	36142
33	9603000020	ITEM 32	2)COST OF 11 KV CTPT SET 15/5 A	No.	34332
34	9603000021	ITEM 33	3)COST OF 11 KV CTPT SET 20/5 A	No.	32926
35	9603000023	ITEM 34	5)COST OF 11 KV CTPT SET 30/5 A	No.	33181
36	9603000024	ITEM 35	6)COST OF 11 KV CTPT SET 40/5 A	No.	33054
37	9603000025	ITEM 36	7)COST OF 11 KV CTPT SET 50/5 A	No.	32862
38	9603000026	ITEM 37	8)COST OF 11 KV CTPT SET 75/5 A	No.	37800
39	9603000027	ITEM 38	9)COST OF 11 KV CTPT SET 100/5A	No.	37839
40	9603000064	ITEM 39	10)COST OF 11 KV CTPT SET 150/5 A	No.	38781
41	9603000028	ITEM 40	11)COST OF 11 KV CTPT SET 200/5 A	No.	40101
42	9603000056	ITEM 41	12)COST OF 11 KV CTPT SET 250/5 A	No.	38612

  
 Chief Engineer (OP)  
 UGVCL, Regd. Office  
 Mehsana.