UTTAR GUJARAT VIJ COMPANY LTD

Test Charges for testing of material (Physical Submission Only)

Schedule-B

Sr. No.	. TYPE OF MATERIAL / TESTS	Unit	Sample size for	Test Tariff	per Sample at agencies lab	_	Test Tariff for their registered members per Sample at the testing agencies lab			Test Tariff per Sample if space is provided by UGVCL to establish lab.		
			reference only	Testing Charges (In Rs.)	GST Rate (In Rs.)	Total Rate with GST (In Rs.)	Testing Charges (In Rs.)	GST Rate (In Rs.)	Total Rate with GST (In Rs.)	Testing Charges (In Rs.)	GST Rate (In Rs.)	Total Rate with GST (In Rs.)
1	11 KV Composite Disc Insulators	No	400									1
1.1	Galvanizing test	No	400									
1.2	Verification of tightness of the interface between end fittings and insulator housing (E2) and of the specified mechanical load, SML (E1)	No	400									
1.3	Dry Power-Frequency withstand	No	400									
2	11 KV Composite Pin Insulators	No	400									
2.1	Galvanizing test	No	400									
2.2	Dry Power-Frequency withstand	No	400									
2.3	Bending Test	No	400									
3	11 KV DO Fuse (Polymeric)	No	30									
3.1	Power frequency voltage dry test as per IS: 9385 (Part-II) with latest amendment if any.	No	30									
3.2	Temperature-rise test	No	30									
3.3	Galvanizing test.	No	30									
4	11 KV AB Switch	No	40									
4.1	Power frequency voltage dry test in accordance with Cl. No.4.1 of IS- 9920 (p-4).	No	40									
4.2	Measurement of the resistance of the main circuit in accordance with Cl.4.2 of IS: 9920 (P-4).	No	40									
4.3	Galvanizing test as per IS: 2633.	No	40									
4.4	Temperature rise test in accordance with Cl.3.2 of IS: 9920 (Part-4)	No	40									
5	11 KV Lightening Arresters	No	40									
5.1	Measurement of Power frequency voltage on the complete arrestors at the reference current. (All samples)	No	40									
5.2	Galvanizing test on exposed ferrous metal parts for uniformity of zinc coating test and weight of zinc coating test. (on two samples)	No	40									

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6	AAA Conductor	Drum	600									
6.1	Measurement of lay ratio.	Drum	600									
6.2	Measurement of resistance of individual wire.	Drum	600									
6.3	Breaking load test of individual wire.	Drum	600									
6.4	Elongation test of individual wire.	Drum	600									
7	LT PVC Cable	No										
7.1	LT PVC Cable(2 Core X upto 4 Sqmm)	Coil	200									
7.1.1	Tensile Strength (for aluminium conductor)	Coil	200									
7.1.2	Wrapping Test (for aluminium conductor)	Coil	200									
7.1.3	Conductor Resistance Test	Coil	200									
7.1.4	Test for Thickness of Insulation	Coil	200									
7.1.5	Tensile Strength & Elongation at Break of Insulation and Sheath	Coil	200									
7.1.6	Insulation resistance test (Volume resistivity)	Coil	200									
7.1.7	High Voltage Test	Coil	200									
7.2	LT PVC Cable(3.5Core X upto 150 Sqmm)	Drum	330									
7.2.1	Tensile test (for aluminium)	Drum	330									
7.2.1	Wrapping test (for aluminium)	Drum	330									
7.2.3	Conductor resistance test	Drum	330									
7.2.4	Test for thickness of insulation and sheath	Drum	330									
7.2.5	Tensile strength and elongation at break of insulation	Drum	330									
7.2.6	Insulation resistance test(Volume resistivity)	Drum	330									
7.2.7	High voltage test	Drum	330									
7.3	LT PVC Cable (4 Core X upto 16 Sqmm)	Coil/ Drum	500									
7.3.1	Tensile test (for aluminium)	Coil/ Drum	500									
7.3.2	Wrapping test (for aluminium)	Coil/ Drum	500									
7.3.3	Conductor resistance test	Coil/ Drum	500									
7.3.4	Test for thickness of insulation	Coil/ Drum	500									
7.3.5	Tensile strength and elongation at break of insulation	Coil/ Drum	500									
7.3.6	Insulation resistance test	Coil/ Drum	500									
7.3.7	High voltage test or spark test	Coil/ Drum	500									

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7.4	Armoured LT PVC Cable (2 Core X upto 4 Sqmm)	Drum	20									
7.4.1	Tensile test (for aluminium)	Drum	20									
7.4.2	Wrapping test (for aluminium)	Drum	20									
7.4.3	Conductor resistance test	Drum	20									
7.4.4	Test for thickness of insulation	Drum	20									
7.4.5	Tensile strength and elongation at break of insulation	Drum	20									
7.4.6	Insulation resistance test	Drum	20									
7.4.7	High voltage test or spark test	Drum	20									
8	11KV XLPE Cable	Drum	200									
8.1	High Voltage for 4 hours	Drum	200									
8.2	Conductor resistance test (Non Tendered Item)	Drum	200									
9	11 KV HT AB Cable	Drum	10									
9.1	Conductor Resistance test	Drum	10									
9.2	Test for thickness of insulation and sheath	Drum	10									
9.3	Hot set test for insulation	Drum	10									
9.4	Tensile strength and elongation at break test for insulation and sheath	Drum	10									
9.5	Partial discharge test	Drum	10									
9.6	High Voltage test	Drum	10									
9.7	Insulation resistance (volume resistivity) test	Drum	10									
10	3-Core LT Arial Bunch cable	Drum	20									
10.1	Conductor Resistance test	Drum	20									
10.2	Breaking load test for messenger conductor	Drum	20									
10.3	Elongation test for messenger conductor	Drum	20									
10.4	Test for thickness of insulation	Drum	20									
10.5	Tensile strength and elongation at break test	Drum	20									
10.6	Hot set test (For XLPE insulation)	Drum	20									
10.7	Insulation Resistance test	Drum	20									
10.8	High voltage test	Drum	20									
11	1-Core LT Arial Bunch cable	Drum	20									
11.1	Tensile test (for Phase conductor)	Drum	20									
11.2	Breaking load test for messenger conductor	Drum	20									
11.3	Elongation test for messenger conductor	Drum	20									
11.4	Conductor Resistance test	Drum	20									
11.5	Test for thickness of insulation	Drum	20									
11.6	Tensile strength and elongation at break test	Drum	20									
11.7	Hot set test (For XLPE insulation)	Drum	20									
11.8	Insulation Resistance test	Drum	20									
11.9	High voltage test	Drum	20									

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12	Distribution Transformers	No	800									
12.1	Measurement of load loss at 50 % and 100 % load at maximum current tap.	No	800									
12.2	Measurement of short-circuit impedance at normal tapping.	No	800									
12.3	Neutral current to be measured by clamp-on meter, it shall not be more than 2% of full load current (CEA Guideline 2008 clause no	No	800									
12.4	Measurement of no load losses& current at rated frequency and voltage. [IS2026(Part1)].	No	800									
12.5	Measurement of over excitation current at rated frequency and at 112.5% voltage.	No	800									
12.6	Induced over-voltage withstand test[IS2026 (Part3)].	No	800									
12.7	Separate-source voltage withstand test [IS2026(Part3)].	No	800									
12.8	Measurement of winding resistance [IS2026 (Part1)].	No	800									
12.9	Measurement of insulation resistance [IS2026(Part1)].	No	800									
12.10	Temperature Rise Test on transformer having maximum load losses from each offered lot (Total losses guaranteed, offered in GTP at maximum current tap shall have to be fed for Temperature rise test)	No	800									
13	G I Plain Wire	No	60									
13.1	Checking of diameters of wires.	No	60									
13.2	Breaking Load.	No	60									
13.3	Tensile Strength.	No	60									
13.4	Wrapping test.	No	60									
13.5	Galvanizing Test	No	60									
14	G I Stay Wire	Coil	40									
14.1	Tensile and elongation Test	coil	40									
14.2	Galvanizing test	coil	40									
15	Disc Hardware	No	140									
15.1	Mechanical failing load test	No	140									
15.2	Mechanical Slip strength on clamp	No	140									
15.3	Galvanizing Test	No	140									
16	Guy / Stay Insulator	No	140									
16.1	Temperature Cycle Test	No	140									
16.2	Mechanical Strength Test	No	140									
16.3	Porosity Test	No	140									
17	LT Distribution Box (LTDB)	No	40									
17.1	High voltage withstand test with 2.5 KV	No	40									
17.2	Insulation resistance with 2500V Meager	No	40									
17.3	Earth continuity checking test	No	40									
18	LT Shackle Insulator	No	120									

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18.1	Temperature Cycle Test	No	120									
18.2	Mechanical failing load test	No	120									
18.3	Porosity Test	No	120									
19	Rewirable Kit Kat Fuses	No	30									
19.1	Dimension Check	No	30									
19.2	Insulation Resistance test	No	30									
19.3	High Voltage Test	No	30									
20	Plastic Seals	No	130									
20.1	Boiling Water Test	No	130									
20.2	Pulled Out Test	No	130									
20.3	Seal Wire Test	No	130									
20.4	Chemical Test	No	130									
21	Structural Steel	No	50									
21.1	Yield Strength Test	No	50									
21.2	Elongation test	No	50									
21.3	Bending test	No	50									
21.4	Chemical composition test	No	50									
22	SMC Box	No	110									
22.1	Protection against Electric Shock	No	110									
22.2	Heat Distortion Temperature (Min. 150 deg. C)	No	110									
22.3	Self Extinguishing Test - 3 Phase CT & WC meter	No	110									
22.4	Glow wire Test	No	110									
23	Transformer Oil	No	10									
23.1	Electric strength (BDV)	No	10									
23.2	Specific resistance (resistivity)	No	10									
23.3	Dielectric dissipation factor	No	10									
23.4	Water content	No	10									
23.5	Interfacial tention at 27 ' Cent.	No	10									
23.6	Flash point	No	10									

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24	Ring Type CT	No	20									
24.1	Verification of Terminal marking & Polarity	No	20									
24.2	Determination of errors according to the requirements of the appropriate accuracy class	No	20									
24.3	Power Frequency dry withstand test on Primary Winding	No	20									
24.4	Power Frequency dry withstand test on Secondary Winding	No	20									
24.5	Over Voltage Inter turn test	No	20			·						
24.6	Verification of ISF	No	20									

Note :-Total Rate with GST (In Rs.) bifurcation must be match with on line submitted price bid with GST rate.