



HYDERABAD ELECTRIC SUPPLY COMPANY

TENTATIVE ANNUAL PROCUREMENT PLAN FOR DISTRIBUTION ITEMS F.Y 2022-23

1	2	3			4	5	6	7	8
		Estimated Cost							
Sr. No.	Name of Procurement (Description)	Unit	Quantity	Cost (Mln.Rs.)					
DISTRIBUTION MATERIAL					Open competitive bidding	Sep. to Dec. 2022	Oct.2022 to Feb. 2023	Jan. to Jun. 2023	Tenders will be floated keeping in view availability of funds, stock position and requirement of field formations. The Procurement will be made during financial year 2022-23.
TRANSFORMERS									
1	200KVA Distribution Transformer (New)	No.	520	885.98	-do-	-do-	-do-	-do-	
2	100KVA Distribution Transformer (New)	No.	559	626.00	-do-	-do-	-do-	-do-	
3	50KVA Distribution Transformer (New)	No.	892	649.38	-do-	-do-	-do-	-do-	
4	25KVA Distribution Transformer (New)	No.	1,409	589.81	-do-	-do-	-do-	-do-	
CONDUCTORS & CABLES					-do-	-do-	-do-	-do-	
5	ACSR Conductor Osprey	km	355	463.77	-do-	-do-	-do-	-do-	
6	ACSR Conductor Dog	km	669	327.81	-do-	-do-	-do-	-do-	
7	ACSR Conductor Rabbit	km	995	250.74	-do-	-do-	-do-	-do-	
8	A.A. Conductor WASP	km	241	89.41	-do-	-do-	-do-	-do-	
9	A.A. Conductor WASP (Insulated)	km	170	111.38	-do-	-do-	-do-	-do-	
10	A.A Conductor Ant (Insulated)	km	55	22.02	-do-	-do-	-do-	-do-	
11	4/C LT ALUMN SID Cable 37/.083 (120mm)	km	45	142.85	-do-	-do-	-do-	-do-	
12	4/C LT ALUMN SID Cable 19/.083 (70mm)	km	39	67.43	-do-	-do-	-do-	-do-	
13	4/C LT ALUMN SID Cable 19/.052 (25mm)	km	85	81.82	-do-	-do-	-do-	-do-	
14	2/C LT ALUMN SID CABLE 7/.052 (10mm)	km	777	134.20	-do-	-do-	-do-	-do-	
15	Aerial Bundled Cables 95mm (3 x 95 + 1 x 95 +25)	km	76	210.20	-do-	-do-	-do-	-do-	
16	Aerial Bundled Cables 70mm (3 x 70 + 1 x 70 +25)	km	47	85.44	-do-	-do-	-do-	-do-	
17	Aerial Bundled Cables 50mm (2 x 50 + 1 x 50)	km	13	11.52	-do-	-do-	-do-	-do-	
18	Aerial Bundled Cables 16mm (1 x 16 + 1 x 16)	km	19	4.42	-do-	-do-	-do-	-do-	
19	Aerial Bundled Cables 10mm (2 x 10 + 1 x 10)	km	28	6.54	-do-	-do-	-do-	-do-	
20	HT underground Cable 240mm sq. (500 MCM)	Km	20	56.67	-do-	-do-	-do-	-do-	
21	St. Joint Kit 500 MCM 1/C	No.	140	4.46	-do-	-do-	-do-	-do-	
22	Termination Kit Indoor (500 MCM)	No.	300	4.80	-do-	-do-	-do-	-do-	
23	Termination Kit Outdoor (500 MCM)	No.	300	3.90	-do-	-do-	-do-	-do-	
24	LT underground Cable 120mm sq. 1/C (37/.083)	km	5	25.00	-do-	-do-	-do-	-do-	
25	LT underground Cable 120mm sq. 4/C (37/.083)	km	5	19.00	-do-	-do-	-do-	-do-	
26	LT underground Cable 70mm sq. 4/C (19/.083)	km	5	11.00	-do-	-do-	-do-	-do-	
27	LT underground Cable 25mm sq. 4/C (19/.052)	km	5	5.80	-do-	-do-	-do-	-do-	
28	Underground Joint Kits 120mm sq.1/C	km	5	0.02	-do-	-do-	-do-	-do-	
29	Underground PVC Joint Kits 4/C 120mm2 (37/.083)	No.	200	2.08	-do-	-do-	-do-	-do-	
30	Underground PVC Joint Kits 1/Core 70mm2 (19/.083)	No.	200	1.46	-do-	-do-	-do-	-do-	
31	Underground PVC Joint Kits 4/Core 50mm2 (19/.052)	No.	200	1.06	-do-	-do-	-do-	-do-	
32	Underground PVC Joint Kits 4/Core 25mm2 (7/.052)	No.	200	1.00	-do-	-do-	-do-	-do-	
ENERGY METERS					-do-	-do-	-do-	-do-	
33	HT Type CT/PT Operated 3/P TOD Meter	No.	152	4.15	-do-	-do-	-do-	-do-	
34	LT Type CT Operated 3/P TOD Meter	No.	2,485	49.52	-do-	-do-	-do-	-do-	
35	Static 3-Phase Whole Current Energy Meters	No.	11,650	190.78	-do-	-do-	-do-	-do-	
36	Static S-Phase Energy Meters	No.	125,530	388.39	-do-	-do-	-do-	-do-	
37	L.T TOU Meters (AMR)	No.	565	25.31	-do-	-do-	-do-	-do-	
38	Three Phase Meter (AMR)	No.	1,963	76.95	-do-	-do-	-do-	-do-	
39	Single Phase Meter (AMR)	No.	575	14.49	-do-	-do-	-do-	-do-	
POLES & STRUCTURES					-do-	-do-	-do-	-do-	
40	HT Steel Structure 58 feet long	No.	139	62.99	-do-	-do-	-do-	-do-	
41	HT Steel Structure 45 feet long	No.	2,320	632.98	-do-	-do-	-do-	-do-	
42	HT Steel Structure 34'-8 feet long	No.	7,047	766.79	-do-	-do-	-do-	-do-	
43	LT Steel Structure 30'-8' feet long	No.	1,476	108.26	-do-	-do-	-do-	-do-	
44	H.T Spun Poles 36 feet long	No.	3,974	165.95	-do-	-do-	-do-	-do-	
45	H.T Spun Poles 40 feet long	No.	382	25.30	-do-	-do-	-do-	-do-	
46	L.T Spun Poles 31' feet long	No.	664	22.35	-do-	-do-	-do-	-do-	
HARDWARE MATERIAL					-do-	-do-	-do-	-do-	
47	11KV Disc Insulator	No.	21,438	77.84	-do-	-do-	-do-	-do-	
48	11KV Pin Insulator (Normal)	No.	63,338	62.02	-do-	-do-	-do-	-do-	
49	11KV Pin Insulator (Polluted Type)	No.	12,720	37.62	-do-	-do-	-do-	-do-	
50	LT Spool Insulator	No.	8,273	3.75	-do-	-do-	-do-	-do-	
51	11KV Steel Cross Arms with Braces (Angle Iron)	No.	31,542	533.88	-do-	-do-	-do-	-do-	
52	11KV Steel X-Arms for D-fitting Mounting	No.	6,390	58.03	-do-	-do-	-do-	-do-	
53	Double Structure Platform	No.	1,523	65.93	-do-	-do-	-do-	-do-	
54	Single Structure Platform	No.	4,289	109.28	-do-	-do-	-do-	-do-	
55	11KV Insulator Pins for Steel X-Arm	No.	83,946	115.50	-do-	-do-	-do-	-do-	
56	11KV Pin for Pullated Type (Fog)	No.	8,595	22.68	-do-	-do-	-do-	-do-	
57	Galvanised Steel Wire (10mm) Stranded	mt	121	46.07	-do-	-do-	-do-	-do-	
58	D-Shackle Assembly	No.	11,773	6.86	-do-	-do-	-do-	-do-	
59	Anchor Shackle	No.	10,119	3.54	-do-	-do-	-do-	-do-	
60	LT Current Transformers 1000/5 Amp	No.	148	1.09	-do-	-do-	-do-	-do-	
61	LT Current Transformers 800/5 Amp	No.	222	1.64	-do-	-do-	-do-	-do-	
62	LT Current Transformers 600/5 Amp	No.	422	3.11	-do-	-do-	-do-	-do-	
63	LT Current Transformers 400/5 Amp	No.	498	3.79	-do-	-do-	-do-	-do-	
64	LT Current Transformers 300/5 Amp	No.	1,564	13.38	-do-	-do-	-do-	-do-	
65	LT Current Transformers 200/5 Amp	No.	1,328	11.36	-do-	-do-	-do-	-do-	
66	LT Current Transformers 100/5 Amp	No.	1,002	8.57	-do-	-do-	-do-	-do-	
67	Meter Box A-Type for CT Ratio 800/5 AMP	No.	103	8.62	-do-	-do-	-do-	-do-	
68	Meter Box A-Type for CT Ratio 400/5 AMP	No.	398	31.50	-do-	-do-	-do-	-do-	
69	Meter Box A-Type for CT Ratio 200/5 AMP	No.	332	26.28	-do-	-do-	-do-	-do-	
70	Meter Box A-Type for CT Ratio 100/5 AMP	No.	608	44.25	-do-	-do-	-do-	-do-	
71	11 KV Dropout Cutout Single Insulator with Fuses	Set	3,756	120.98	-do-	-do-	-do-	-do-	
72	Earthing Unit 10 Feet	No.	16,293	53.23	-do-	-do-	-do-	-do-	
73	Stay Rod (Complete)	No.	10,473	81.52	-do-	-do-	-do-	-do-	



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		Estimated Cost							
Sr. No.	Name of Procurement (Description)	Unit	Quantity	Cost (Mln.Rs.)					
74	Nut & Bolt 5/8" x 14"	No.	18,220	7.96	-do-	-do-	-do-	-do-	
75	Nut & Bolt 5/8" x 10"	No.	19,056	6.55	-do-	-do-	-do-	-do-	
76	Nut & Bolt 5/8" x 6"	No.	19,870	4.67	-do-	-do-	-do-	-do-	
77	Nut & Bolt 5/8" x 2"	No.	57,220	8.85	-do-	-do-	-do-	-do-	
78	DOUBLE ARMING BOLT 305X16 MM DA-12	No.	5,455	4.38	-do-	-do-	-do-	-do-	
79	DOUBLE ARMING BOLT 510X16 MM DA-20	No.	25,641	20.58	-do-	-do-	-do-	-do-	
80	End Caps for 95 mm ² (ABC)	No.	3,800	0.22	-do-	-do-	-do-	-do-	
81	End Caps for 70 mm ² (ABC)	No.	2,350	0.14	-do-	-do-	-do-	-do-	
82	End Caps for 50 mm ² (ABC)	No.	650	0.04	-do-	-do-	-do-	-do-	
83	Piercing Connectors Usable on all Seizes of Cable (95-16mm ²)	No.	3,875	2.25	-do-	-do-	-do-	-do-	
84	Dead End Clamp Assembly 95mm ² (Bracket + Clamps)	No.	1,900	2.35	-do-	-do-	-do-	-do-	
85	Dead End Clamp Assembly 70mm ² (Bracket + Clamps)	No.	1,175	1.45	-do-	-do-	-do-	-do-	
86	Dead End Clamp Assembly 50mm ² (Bracket + Clamps)	No.	325	0.40	-do-	-do-	-do-	-do-	
87	Suspension Clamp Assembly (Clamp + Assembly)	No.	3,305	4.15	-do-	-do-	-do-	-do-	
88	Plastic Binding Straps	No.	8,000	1.46	-do-	-do-	-do-	-do-	
89	Bi-Metallic T/F lugs for 95mm ²	No.	1,004	1.34	-do-	-do-	-do-	-do-	
90	Bi-Metallic T/F lugs for 70mm ²	No.	268	0.29	-do-	-do-	-do-	-do-	
91	Bi-Metallic T/F lugs for 50mm ²	No.	52	0.05	-do-	-do-	-do-	-do-	
92	3/P Whole current bi-directional energy meter (Net Metering)	No.	910	39.75	-do-	-do-	-do-	-do-	
93	LT TOU current bi-directional energy meter (Net Metering)	No.	775	45.14	-do-	-do-	-do-	-do-	
94	HT TOU current bi-directional energy meter (Net Metering)	No.	128	8.39	-do-	-do-	-do-	-do-	
HT & LT Protection									
95	LT Protection CB 100 KVA T/F with Box	No.	1063	297.64	-do-	-do-	-do-	-do-	
96	LT Protection CB 200 KVA T/F with Box	No.	1910	735.35	-do-	-do-	-do-	-do-	
97	HRC Fuse Box with Base for 100 KVA T/F	No.	1000	20.02	-do-	-do-	-do-	-do-	
98	HRC Fuse Box with Base for 200 KVA T/F	No.	1500	46.62	-do-	-do-	-do-	-do-	
99	HRC Fuse for 100 KVA T/F (100 Amp)	No.	4252	25.60	-do-	-do-	-do-	-do-	
100	HRC Fuse for 200 KVA T/F (200 Amp)	No.	7640	71.66	-do-	-do-	-do-	-do-	
101	11kV Knife Switch	No.	100	90.00	-do-	-do-	-do-	-do-	
102	Repair of Damaged Distribution Transformers	--	-	350.00	-do-	-do-	-do-	-do-	
103	Field Vehicles (Single Cab. Pickup 17 No. & Pickup Truck 16 No)	--	-	116.00	-do-	-do-	-do-	-do-	
104	PPE and T&P Items	--	-	180.00	-do-	-do-	-do-	-do-	
105	Insulated Bucket Mounted Utility Vehicles	No.	15	210.00	-do-	-do-	-do-	-do-	
106	Cell Phones for Meter Reading	--	-	20.00	-do-	-do-	-do-	-do-	
107	Pre-Printed Computer Stationery, Media Items and Desktop etc.	--	-	176.00	-do-	-do-	-do-	-do-	
108	CCTV Cameras with installation (All stores)	--	-	4.00	-do-	-do-	-do-	-do-	

Note: BOD HESCO in its 219th meeting held on 15.08.2022 approved the Tentative Annual Procurement Plan for the F.Y 2022-23.