

The Main Procurement Plan in fiscal 2022

*Plan details (specifications, quantity, due construction period, etc.) may be changed or plans may be discontinued. At the time of the opening,

[Transmission materials and equipment]

NO	Article designation	Specification	Q'ty	Unit
1	500kV Suspension unit	Ball socket 165: single·double	271	String
2		Ball socket 210: single·double		
3		Ball socket 330: double		
4		Ball socket 420: single		
5	275kV Suspension unit	Clevis 120: single	171	String
6		Smog 165: single		
7		Smog 210: single		
8		Ball socket 165: single		
9		Ball socket 210: single		
10	154kV or less, suspension unit	Clevis 120: single·double	915	String
11		Ball socket 165: single		
12		Smog 120: single		
13		Clevis 165: single·double		
14		Smog 165: single		
15	500kV Tension unit	Ball socket 330: double	708	String
16		Ball socket 165: double		
17	275kV Tension unit	Clevis 120: single·double	570	String
18		Ball socket 165: single·double		
19		Ball socket 165: double		
20		Ball socket 210: single·double		
21		Ball socket 330: double		
22	154kV or less, tension unit	Clevis 120: single·double	6,018	String
23		Ball socket 165: single		
24		Ball socket 250: single·double		
25		Smog 120: single		
26		Smog 165: single		
27		Smog 165: single·double		
28	500kV V-suspension unit	Ball socket 165	113	String
29		Ball socket 330		
30	275kV V-suspension unit	Clevis 120	45	String
31		Smog 210		
32		Ball socket 210		
33	154kV or less, V-suspension unit	Clevis 120	153	String
34		Smog 165		
35		Ball socket 165		
36	Earth-wire fixture	500kV Tension unit	130	String
37		275kV Tension unit	183	String
38		154kV or less, tension unit	389	String
39		500kV Suspension unit	79	String
40		275kV Suspension unit	56	String
41	154kV or less, suspension unit	141	String	
42	Steel tower	AG steel tower	1,569	t
43		MC steel tower	2,183	t
44		Materials required for modification of AG steel tower	61	t
45		Materials required for modification of MC steel tower	145	t

46	Clevis type suspension insulator	120 kN, ϕ 250	5,934	Piece
47	Ball socket type suspension insulator	165 kN, ϕ 250	5,772	Piece
48		210 kN, ϕ 280	3,078	Piece
49		330 kN, ϕ 320	7,980	Piece
50		420 kN, ϕ 340	120	Piece
51	Ball socket type salt resisting suspension insulator	165 kN, ϕ 250	1,545	Piece
52		210 kN, ϕ 320	1,092	Piece
53	Long rod insulator/long rod support insulator		1,797	Piece
54	Wire, overhead earth-wire	AC (size: 45, anti-snow measure: required)	2,300	m
55		AC (size: 55, anti-snow measure: required)	38,970	m
56		AC (size: 55, anti-snow measure: not required)	9,070	m
57		AC (size: 70, anti-snow measure: required)	600	m
58		AC (size: 70, anti-snow measure: not required)	2,000	m
59		AC (size: 180, anti-snow measure: required)	50,500	m
60		AC (size: 180, anti-snow measure: not required)	10,600	m
61		ACSR/AC (size: 80, anti-snow measure: required)	1,200	m
62		ACSR/AC (size: 100, anti-snow measure: required)	48,000	m
63		ACSR/AC (size: 160, anti-snow measure: required)	160,780	m
64		ACSR/AC (size: 160, anti-snow measure: not required)	6,200	m
65		ACSR/AC (size: 200, anti-snow measure: required)	4,290	m
66		ACSR/AC (size: 240, anti-snow measure: required)	5,400	m
67		ACSR/AC (size: 240, anti-snow measure: not required)	300	m
68		ACSR/AC (size: 330, anti-snow measure: required)	81,500	m
69		ACSR/AC(size: 330 anti-snow measure: not required)	44,600	m
70		ACSR/AC (size: 410, anti-snow measure: not required)	125,700	m
71		ACSR/AC (size: 520, anti-snow measure: required)	2,600	m
72		ACSR/AC (size: 610, anti-snow measure: required)	600	m
73		D3-ACSR/AC (size: 410, anti-snow measure: not required)	1,000	m
74		D-AC (size: 180, anti-snow measure: not required)	5,700	m
75		D-ACSR/AC (size: 410, anti-snow measure: not required)	70,100	m
76		HDCC(size: 55 anti-snow measure: not required)	2,500	m
77		HDCC(size: 125 anti-snow measure: required)	900	m
78		HDCC(size: 125 anti-snow measure: not required)	300	m
79		HDCC(size: 200 anti-snow measure: required)	600	m
80		HDCC(size: 240 anti-snow measure: required)	120	m
81		IACSR/AC (size: 97 anti-snow measure: required)	400	m
82		IACSR/AC (size: 120 anti-snow measure: not required)	2,700	m
83		S-ACSR/AC (size: 100 anti-snow measure: required)	7,500	m
84		TACSR/AC (size: 330, anti-snow measure: not required)	30,000	m
85	TACSR/AC (size: 610, anti-snow measure: not required)	400	m	
86	TACSR/AC (size: 810, anti-snow measure: not required)	71,640	m	
87	XTACIR (size: 320 anti-snow measure: required)	16,800	m	
88	Main unit of PFP tube	Bent tube	7,748	Piece
89		Straight tube	23,608	Piece
90	Pillow for PFP tube	ϕ 125	16	Piece
91		ϕ 150	23,961	Piece
92		ϕ 175	4,576	Piece
93	Joint for connection of different type tubes	ϕ 125	8	Piece
94		ϕ 150	4	Piece

95	Flexible joint	Φ150	588	Piece
96	Primary pipe for flexible joint, bent	Φ150 10R	32	Piece
97	Primary pipe for flexible joint, straight	Φ150	324	Piece
98	Secondary pipe for flexible joint, bent	Φ150 10R	8	Piece
99	Secondary pipe for flexible joint, straight	Φ150	254	Piece
100	Short pipe for flexible joint	Φ150	334	Piece
101	Midpoint joint	Φ125	12	Piece
102		Φ150	599	Piece
103		Φ175	14	Piece
104	Prefabricated manhole for underground power transmission		17	Unit
105	Accidental zone detector	Detector	4	Unit
106		Battery unit	16	Piece
107	77 kV Power cable	CVSS 400 mm2	150	m
108		CVSS 600 mm2	4,950	m
109		CVSS 2,000 mm2	12,000	m
110		CVTSS 100 mm2	960	m
111		CVTSS 150 mm2	3,740	m
112		CVTSS 200 mm2	5,103	m
113		CVTSS 250 mm2	750	m
114		CVTSS 400 mm2	140	m
115		CVTSS 1000 mm2	900	m
116	77 kV Power cable accessory	Terminating joint box EBA	19	Unit
117		Terminating joint box EBG	7	Unit
118		Terminating joint box EBGS	14	Unit
119		Intermediate joint box	68	Unit
120	22 kV Power cable	CVTSS 325 mm2	1,600	m
121		CVTSS 400 mm2	2,800	m
122	22 kV Power cable accessory	Terminating joint box EBA	36	Unit
123		Intermediate joint box	54	Unit
124	Preformed armor rod	For aluminum wire	1,704	Unit
125	Compression terminal/sleeves (for aluminum and copper wires)	Collar for used aluminum line	2,159	Piece
126		Compression type T-sleeve	117	Piece
127		Compression type jumper sleeve	2,857	Piece
128		Compression type openable T-sleeve	27	Piece
129		Compression type openable jumper sleeve	691	Piece
130		Compression type straight sleeve	1,540	Piece
131		Compression terminal	4,497	Piece
132	Bracket for safety wire	Cutout switch	7	Piece
133		Midpoint fixing bracket	673	Piece
134		Midpoint supporting bracket	1,647	Piece
135		Guard wire	171	Unit
136		Anchor clamp	156	Piece
137		Bottom fixing bracket	76	Piece
138		Top and bottom anchors	284	Piece
139		Top fixing bracket	61	Piece
140	Spacer	Four-conductor jumper spacer	8	Unit
141		Four-conductor spacer	1,308	Unit
142		Two-conductor jumper spacer	32	Piece
143		Two-conductor spacer	421	Piece

144	Snow free ring		165,207	Piece
145	Follow current interrupting type arcing horn		173	Piece
146	Signs	Nameplate for power pylon	1,727	Piece
147		Bolt	4	Piece
148		"Keep out" sign plate for protection fence	199	Piece
149	Flashover indicator	Flashover indicator	453	Piece
150		Bracket	1	Unit
151	Airplane warning light	Light emitting section	284	Unit
152		Lighting	93	Unit
153		Neon tube	35	Piece
154		Lamp	240	Piece
155	Dampers	Double torsional damper	19,309	Piece
156		Warp-proof damper	1,131	Piece
157		Christmas tree damper	667	Piece
158	CA cap		3,059	Piece
159	Pylon-climbing prevention device		595	Unit
160	Wedge type anchor clamp	Expansion clamp	144	Piece
161	Sacrifice anode		11,564	Piece
162	Receiving fixture		5,289	Piece
163	Intermediate support pipe		171	Piece
164	Stand fixture		231	Piece
165	Manhole metal cover		175	Unit
166	Receiving insulator		13,903	Piece
167	Cable supports	Steel tube	1,891	Piece
168		Bracket to prevent supports from toppling	200	Piece