

## 2018 Procurement Plan

### [For TEPCO Power Grid, Incorporated]

\*This plan may change without notice. \*There are cases the actual procurement transaction is proceeding when this is released. \*There are categories with which supplier registration is needed prior to the tender.

#### [Substation Equipment]

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
1	Equipment	Protective relays	22kV Bus and Bus-tie protective relays (for ring bus protection)	1	set	Tokyo Metropolis	2019/04/01	
2	Equipment	Protective relays	154kV Digital type bus separation protective relays	1	set	Shizuoka Prefecture	2019/04/01	
3	Equipment	Protective relays	154kV Digital type bus separation protective relays	2	panel	Ibaraki Prefecture	2019/05/01	
4	Equipment	Protective relays	154kV Digital type bus separation protective relays	1	set	Tochigi Prefecture	2019/09/10	
5	Equipment	Protective relays	154kV Digital type bus separation protective relays	1	panel	Shizuoka Prefecture	2019/03/15	
6	Equipment	Protective relays	Remake of 154kV Digital type bus protective relays	1	set	Chiba Prefecture	2019/03/07	2019/04/11
7	Equipment	Protective relays	154kV Digital type bus protective relays	1	panel	Shizuoka Prefecture	2019/03/15	
8	Equipment	Protective relays	154kV Digital type bus protective relays	1	set	Tokyo Metropolis	2019/04/22	
9	Equipment	Protective relays	154kV Digital type bus protective relays	1	set	Ibaraki Prefecture	2019/05/01	
10	Equipment	Protective relays	154kV Digital type bus protective relays	1	set	Tochigi Prefecture	2019/09/10	
11	Equipment	Protective relays	275kV Digital bus protective relays (with HBR)	2	panel	Ibaraki Prefecture	2019/10/02	
12	Equipment	Protective relays	275kV Digital type bus separation protective relays	1	panel	Chiba Prefecture	2019/12/02	
13	Equipment	Protective relays	275kV Digital type bus separation protective relays	2	panel	Saitama Prefecture	2019/04/01	
14	Equipment	Protective relays	275kV Digital type bus separation protective relays	2	panel	Saitama Prefecture	2019/04/02	
15	Equipment	Protective relays	275kV Digital type bus separation protective relays (A and B bus integrated)	1	set	Ibaraki Prefecture	2019/10/02	
16	Equipment	Protective relays	275kV Digital type bus separation protective relays (without transfer of bus separation)	1	panel	Chiba Prefecture	2019/04/02	
17	Equipment	Protective relays	Remake of 275kV 2U Bus protective relays	1	set	Chiba Prefecture	2019/04/19	2019/05/14
18	Equipment	Protective relays	275kV Digital bus protective relays	1	panel	Tokyo Metropolis	2019/04/03	
19	Equipment	Protective relays	275kV Digital type bus separation protective relays	1	panel	Gunma Prefecture	2020/02/10	
20	Equipment	Protective relays	275kV Digital bus protective relays (double bus 15CB)	2	panel	Chiba Prefecture	2019/12/02	
21	Equipment	Protective relays	275kV Digital bus protective relays (double bus 12CB)	1	panel	Gunma Prefecture	2020/02/10	
22	Equipment	Protective relays	275kV Digital bus protective relays (the number of CB:10)	2	set	Chiba Prefecture	2019/04/02	
23	Equipment	Protective relays	500kV Digital type bus separation protective relays	2	panel	Tokyo Metropolis (Tama Area)	2019/05/06	
24	Equipment	Protective relays	500kV Digital type bus separation protective relays	2	set	Chiba Prefecture	2019/09/02	
25	Equipment	Protective relays	500kV Digital type bus separation protective relays	1	set	Shizuoka Prefecture	2019/05/20	
26	Equipment	Protective relays	500kV Digital type bus separation protective relays	1	panel	Gunma Prefecture	2019/10/02	
27	Equipment	Protective relays	500kV Digital type bus separation protective relays (A and B integrated)	2	set	Tochigi Prefecture	2019/08/20	
28	Equipment	Protective relays	Digital type Ground Fault Identifying Device AG-212SA	8	box	Tokyo Metropolis	2019/10/01	

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyy/mm/dd	Date of Delivery (Completion) yyy/mm/dd
29	Equipment	Protective relays	Replacement of Cub Protective relay in substation, OCRx4, open-phasex2	1	set	Tochigi Prefecture	2019/05/10	2019/09/05
30	Equipment	Protective relays	OLR Processing panel	1	panel	Chiba Prefecture	2019/03/04	
31	Equipment	Protective relays	OLR Processing panel	1	panel	Chiba Prefecture	2019/03/07	
32	Equipment	Protective relays	OLR Processing panel	1	panel	Yamanashi Prefecture	2018/12/10	
33	Equipment	Protective relays	OLR Processing panel IED	1	panel	Shizuoka Prefecture	2019/04/05	
34	Equipment	Protective relays	Digital type OLR processing panel	1	panel	Chiba Prefecture	2019/09/20	
35	Equipment	Protective relays	Digital type OLR processing panel	1	panel	Gunma Prefecture	2020/02/01	
36	Equipment	Protective relays	Digital type OLR processing panel	3	panel	Tokyo Metropolis	2019/05/14	
37	Equipment	Protective relays	66kV Digital type transmission line overload protective relays	1	panel	Chiba Prefecture	2019/03/07	
38	Equipment	Protective relays	66kV Digital type transmission line overload protective relays	1	set	Yamanashi Prefecture	2018/11/14	
39	Equipment	Protective relays	66kV Digital type frequency decrease protective relays	1	set	Tokyo Metropolis	2019/07/17	
40	Equipment	Protective relays	66kV Digital type transmission line overload protective relays, front and rear face maintenance, two circuits combined type	1	panel	Chiba Prefecture	2019/02/05	
41	Equipment	Protective relays	66kV Digital type transmission line overload protective relays	2	panel	Chiba Prefecture	2019/09/20	
42	Equipment	Protective relays	66kV Digital type transmission line overload protective relays	1	set	Tochigi Prefecture	2019/06/03	
43	Equipment	Protective relays	Remake of Konan Line OLR	1	set	Ibaraki Prefecture	2018/09/01	2018/09/30
44	Equipment	Protective relays	66kV Shunt reactor Control panel (including Ry)	1	set	Ibaraki Prefecture	2019/09/10	
45	Equipment	Protective relays	Bank OLR processing equipment	1	panel	Yamanashi Prefecture	2019/06/01	
46	Equipment	Protective relays	1B bank control panel (Type 4)	1	panel	Saitama Prefecture	2018/12/18	2019/01/25
47	Equipment	Protective relays	2B bank control panel (Type 4)	1	panel	Saitama Prefecture	2018/12/18	2019/02/02
48	Equipment	Protective relays	3B bank control panel (Type 4)	1	panel	Saitama Prefecture	2018/12/18	2019/02/10
49	Equipment	Protective relays	Replacement of Digital protective control system for Distribution Substation (Type 4 Bank control panel)	2	panel	Gunma Prefecture	2019/09/02	2019/10/01
50	Equipment	Protective relays	66/22kV Digital type main transformer protective relays	1	set	Tokyo Metropolis	2019/05/13	
51	Equipment	Protective relays	154/22kV Digital type main transformer protective relays	1	set	Tokyo Metropolis	2019/04/22	
52	Equipment	Protective relays	Remake of VQC equipment 275/154kV	1	set	Chiba Prefecture	2019/04/12	2019/05/10
53	Equipment	Protective relays	154/66kV Digital type main transformer protective relays, Built-in Backward flow Overload protective function	2	set	Shizuoka Prefecture	2019/04/05	
54	Equipment	Protective relays	154/66kV Digital type main transformer protective relays	1	panel	Saitama Prefecture	2019/09/11	
55	Equipment	Protective relays	154/66kV Digital type main transformer protective relays	1	panel	Saitama Prefecture	2019/09/11	
56	Equipment	Protective relays	154/66kV Digital type main transformer protective relays	1	set	Tokyo Metropolis	2019/04/22	
57	Equipment	Protective relays	154/66kV Digital type main transformer protective relays	1	set	Gunma Prefecture	2019/09/20	
58	Equipment	Protective relays	154/66kV Digital type main transformer protective relays	1	set	Gunma Prefecture	2019/10/01	
59	Equipment	Protective relays	154/66kV Digital type main transformer protective relays	1	panel	Saitama Prefecture	2020/04/05	
60	Equipment	Protective relays	154/66kV Digital type main transformer protective relays, Remake by adding Backward flow function	1	set	Shizuoka Prefecture	2019/03/15	2019/05/10

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
61	Equipment	Protective relays	275/66kV Digital type main transformer protective relays	1	panel	Saitama Prefecture	2019/04/22	
62	Equipment	Protective relays	275/66kV Digital type main transformer protective relays	3	set	Tokyo Metropolis	2019/07/20	
63	Equipment	Protective relays	275/66kV Digital type main transformer protective relays	1	set	Tokyo Metropolis	2020/02/14	
64	Equipment	Protective relays	275/66kV Digital type main transformer protective relays	1	set	Tokyo Metropolis	2019/03/12	
65	Equipment	Protective relays	275/66kV Digital type main transformer protective relays	2	set	Tokyo Metropolis	2019/05/14	
66	Equipment	Protective relays	Remake of Main transformer Unit 4 Protective relays	1	set	Chiba Prefecture	2019/02/04	2019/02/28
67	Equipment	Protective relays	275/154/66KV Digital type main transformer protective relays	1	set	Chiba Prefecture	2019/01/10	
68	Equipment	Protective relays	275/154kV Digital type main transformer protective relays	1	set	Shizuoka Prefecture	2019/12/13	
69	Equipment	Protective relays	500/154kV Digital type main transformer protective relays	2	panel	Ibaraki Prefecture	2019/05/01	
70	Equipment	Protective relays	66kV Digital type current differential relays (3 terminals PCM)	2	panel	Saitama Prefecture	2019/12/09	
71	Equipment	Protective relays	66kV Digital type current differential protective relays (Ethernet PCM)	2	set	Chiba Prefecture	2019/10/01	
72	Equipment	Protective relays	66kV Digital type current differential protective relays (Ethernet PCM)	2	set	Chiba Prefecture	2019/10/01	
73	Equipment	Protective relays	66kV Digital type current differential protective relays	2	panel	Saitama Prefecture	2019/04/05	
74	Equipment	Protective relays	66kV Digital type current differential protective relays	2	panel	Saitama Prefecture	2019/04/05	
75	Equipment	Protective relays	66kV Digital type current differential protective relays	2	panel	Saitama Prefecture	2019/04/05	
76	Equipment	Protective relays	66kV Digital type current differential protective relays (Ethernet PCM)	2	set	Tokyo Metropolis (Tama Area)	2019/10/01	
77	Equipment	Protective relays	66kV Digital type current differential protective relays	2	panel	Ibaraki Prefecture	2019/06/06	
78	Equipment	Protective relays	66kV Digital type current differential protective relays	4	panel	Ibaraki Prefecture	2019/06/06	
79	Equipment	Protective relays	66kV Digital type current differential protective relays	2	panel	Ibaraki Prefecture	2019/06/06	
80	Equipment	Protective relays	66kV Digital type distance protective relays	2	panel	Saitama Prefecture	2019/05/20	
81	Equipment	Protective relays	66kV Digital type distance protective relays	3	panel	Tokyo Metropolis	2019/05/08	
82	Equipment	Protective relays	66kV Digital type distance protective relays	2	panel	Tokyo Metropolis	2019/10/07	
83	Equipment	Protective relays	66kV Digital type distance protective relays	1	set	Tokyo Metropolis	2019/04/11	
84	Equipment	Protective relays	66kV Digital type distance protective relays	1	set	Tokyo Metropolis	2019/04/11	
85	Equipment	Protective relays	66kV Digital type distance protective relays	2	panel	Tokyo Metropolis (Tama Area)	2020/02/03	
86	Equipment	Protective relays	66kV Digital type distance protective relays	3	set	Tokyo Metropolis	2019/04/01	
87	Equipment	Protective relays	66kV Digital type distance protective relays	2	panel	Tokyo Metropolis	2019/06/03	
88	Equipment	Protective relays	66kV Digital type distance protective relays	2	panel	Yamanashi Prefecture	2019/05/18	
89	Equipment	Protective relays	66kV Digital type distance protective relays	2	set	Tochigi Prefecture	2019/10/03	
90	Equipment	Protective relays	66kV Digital type distance protective relays	2	set	Gunma Prefecture	2019/09/10	

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
91	Equipment	Protective relays	66kV Digital type distance protective relays	2	set	Gunma Prefecture	2019/09/10	
92	Equipment	Protective relays	66kV Digital type distance protective relays	2	set	Gunma Prefecture	2019/09/09	
93	Equipment	Protective relays	66kV Digital type distance protective relays	2	set	Gunma Prefecture	2019/09/09	
94	Equipment	Protective relays	66kV Digital type distance protective relays (Hamacho Line)	3	panel	Tokyo Metropolis	2019/09/02	
95	Equipment	Protective relays	66kV Digital type distance protective relays (Shirauobashi Line)	3	panel	Tokyo Metropolis	2019/09/02	
96	Equipment	Protective relays	66kV Digital type distance protective relays	2	set	Tokyo Metropolis	2019/03/01	
97	Equipment	Protective relays	66kV Digital type distance protective relays	2	set	Tochigi Prefecture	2019/05/10	
98	Equipment	Protective relays	66kV Digital type distance protective relays	1	set	Chiba Prefecture	2019/09/24	
99	Equipment	Protective relays	66kV Digital type loop line system protective relays	1	set	Chiba Prefecture	2019/07/15	
100	Equipment	Protective relays	66kV Digital type loop line system protective relays (Digital type Terminal equipment)	1	unit	Tokyo Metropolis	2019/05/17	
101	Equipment	Protective relays	66kV Loop line system protective relays (Akasaka loop line Main protection, Back-up protection)	1	set	Tokyo Metropolis	2019/06/01	
102	Equipment	Protective relays	66kV Digital type loop line system protective relays	1	set	Chiba Prefecture	2019/05/01	
103	Equipment	Protective relays	66kV Digital type loop line system protective relays , Remake of Terminal panel	1	set	Tokyo Metropolis (Tama Area)	2019/04/15	2019/06/14
104	Equipment	Protective relays	66kV Digital type loop line system protective relays, Central Equipment (including back-up panel)	1	set	Tokyo Metropolis (Tama Area)	2019/07/12	
105	Equipment	Protective relays	66kV Digital type line selection protective relay device (for Keiyo Port Line)	2	set	Chiba Prefecture	2018/12/03	
106	Equipment	Protective relays	66kV Digital type line selection protective relay device	2	set	Chiba Prefecture	2018/10/01	
107	Equipment	Protective relays	66kV Digital type line selection protective relay device (without FL function)	1	set	Tochigi Prefecture	2019/04/18	
108	Equipment	Protective relays	66kV Digital type line selection protective relay device	2	panel	Tokyo Metropolis (Tama Area)	2019/10/01	
109	Equipment	Protective relays	66kV Digital type line selection protective relay device (for Kugayama Line)	2	set	Tokyo Metropolis (Tama Area)	2019/10/01	
110	Equipment	Protective relays	66kV Digital type line selection protective relay device	1	set	Tokyo Metropolis (Tama Area)	2020/01/08	
111	Equipment	Protective relays	66kV Digital type line selection protective relay device (with counter-measures function for zero-phase circulating current)	2	panel	Tokyo Metropolis (Tama Area)	2019/03/19	
112	Equipment	Protective relays	275kV Digital type current differential protective relays , underground line of special specification	4	set	Tokyo Metropolis	2019/05/14	
113	Equipment	Protective relays	Remake of 275kV Kita-Katsushika Line Unit 1 Digital type transmission line protective relays , retrofit	2	panel	Chiba Prefecture	2019/09/19	2019/11/08
114	Equipment	Protective relays	Remake of 275kV Kita-Katsushika Line Unit 2 Digital type transmission line protective relays , retrofit	2	panel	Chiba Prefecture	2019/09/19	2019/11/08
115	Equipment	Protective relays	Remake of 275kV Kita-Katsushika Line Unit 1 Digital type current differential protective relays	1	set	Saitama Prefecture	2019/10/23	2019/11/21
116	Equipment	Protective relays	Remake of 275kV Kita-Katsushika Line Unit 2 Digital type current differential protective relays	1	set	Saitama Prefecture	2019/10/02	2019/10/21
117	Equipment	Protective relays	500kV Digital type transmission line protective relays	4	panel	Gunma Prefecture	2020/02/04	
118	Equipment	Protective relays	500kV Digital type transmission line protective relays	4	panel	Gunma Prefecture	2020/02/04	
119	Equipment	Protective relays	22kV Digital type loop line system protective relays (Central Equipment)	1	panel	Tokyo Metropolis	2019/07/10	
120	Equipment	Protective relays	22kV Digital type loop line system protective relays (Central Equipment)	1	set	Tokyo Metropolis	2019/04/22	

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121	Equipment	Protective relays	154kV Directional comparison protective relays	2	panel	Saitama Prefecture	2019/08/21	
122	Equipment	Protective relays	154kV Digital type current differential protective relays	4	set	Saitama Prefecture	2019/07/22	
123	Equipment	Protective relays	154kV Dispersion type current differential protective relays	2	set	Shizuoka Prefecture	2019/04/01	
124	Equipment	Protective relays	154kV Digital type current differential protective relays (Ethernet PCM) , main and back-up combined unit	2	panel	Shizuoka Prefecture	2019/03/15	
125	Equipment	Protective relays	154kV Digital type current differential protective relays	2	panel	Saitama Prefecture	2019/09/17	
126	Equipment	Protective relays	154kV Digital type current differential protective relays	2	panel	Saitama Prefecture	2019/04/16	
127	Equipment	Protective relays	154kV Digital type current differential protective relays	2	panel	Gunma Prefecture	2019/10/01	
128	Equipment	Protective relays	154kV Digital type current differential protective relays	2	set	Gunma Prefecture	2019/10/01	
129	Equipment	Protective relays	154kV Digital type current differential protective relays	1	set	Gunma Prefecture	2019/10/07	2019/10/07
130	Equipment	Protective relays	154kV Digital type current differential protective relays	1	set	Gunma Prefecture	2019/10/07	
131	Equipment	Protection/regulating equipment	Arc suppressing reactor	1	unit	Gunma Prefecture	2019/04/16	
132	Equipment	Protection/regulating equipment	Shinshinano Substation, Inspection/Repair of Synchronous Phase adjusting equipment Circulating water pump	1	set	Yamanashi Prefecture	2018/09/18	2018/10/13
133	Equipment	Protection/regulating equipment	Shinshinano Substation, Inspection/Repair of Synchronous Phase adjusting equipment Electrical brake	1	set	Yamanashi Prefecture	2018/09/18	2018/10/13
134	Equipment	Protection/regulating equipment	Shinshinano Substation, Repair of Synchronous Phase adjusting equipment	1	set	Yamanashi Prefecture	2018/09/18	2018/10/13
135	Equipment	Protection/regulating equipment	66kV Neutral point resistor	1	unit	Chiba Prefecture	2019/04/01	
136	Equipment	Protection/regulating equipment	Remake of Neutral point for FCNGR	2	set	Nagano Prefecture	2018/10/01	2018/10/30
137	Equipment	Protection/regulating equipment	Neutral point resistor 154kV 200A	1	unit	Chiba Prefecture	2018/12/17	
138	Equipment	Protection/regulating equipment	Neutral point ground resistor	1	unit	Chiba Prefecture	2019/04/20	
139	Equipment	Protection/regulating equipment	Shinshinano Substation Unit 2 FC60Hz, Inspection/Repair of Pure-water Cooling Device	1	set	Yamanashi Prefecture	2018/09/18	2018/10/13
140	Equipment	Protection/regulating equipment	Shinshinano Substation Unit 2 FC60Hz, Inspection/Repair of Control and protection panel	1	set	Yamanashi Prefecture	2018/09/18	2018/10/13
141	Equipment	Protection/regulating equipment	Shinshinano Substation 50Hz FC Interface panel and others	1	set	Yamanashi Prefecture	2019/11/05	
142	Equipment	Protection/regulating equipment	66kV Shunt reactor 8MVar	1	unit	Ibaraki Prefecture	2019/09/23	2019/10/11
143	Equipment	Protection/regulating equipment	66kV Shunt reactor 8MVA	1	unit	Ibaraki Prefecture	2019/10/01	2019/10/11
144	Equipment	Protection/regulating equipment	Installation of 66kV Shunt reactor	1	unit	Chiba Prefecture	2019/03/20	2019/04/20
145	Equipment	Protection/regulating equipment	Shinkoga Substation, Repair of ShR Cooling Fan	1	unit	Ibaraki Prefecture	2019/06/03	2019/06/28
146	Equipment	Protection/regulating equipment	Boso Substation Main transformer 7B, repair of switch for Unit 1 Shunt reactor	1	set	Chiba Prefecture	2018/12/03	2018/12/24
147	Equipment	Protection/regulating equipment	275kV Shunt reactor	1	unit	Tokyo Metropolis	2019/09/09	2020/03/20
148	Equipment	Protection/regulating equipment	Surge Arrester (primary) 266kV 10kA	1	set	Chiba Prefecture	2019/06/11	
149	Equipment	Protection/regulating equipment	Surge Arrester (primary) 266kV 10kA	1	set	Chiba Prefecture	2020/12/21	
150	Equipment	Voltage transformers/other transformers	Oil-immersed type Voltage Transformer	1	unit	Shizuoka Prefecture	2019/03/04	

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151	Equipment	Voltage transformers/other transformers	Oil-immersed type Voltage Transformer 66kV, three-phased, 200VA	1	unit	Yamanashi Prefecture	2020/01/20	
152	Equipment	Voltage transformers/other transformers	66kV Voltage transformer	1	unit	Gunma Prefecture	2019/11/01	
153	Equipment	Voltage transformers/other transformers	Shinshinano Substation Unit 2 FC Voltage transformer for direct current	1	set	Yamanashi Prefecture	2019/11/05	2019/12/08
154	Equipment	Voltage transformers/other transformers	Split type Current Transformer 4000/1A, n>120, 60VA, with transient property, diameter 175	6	pcs	Tokyo Metropolis	2018/12/01	
155	Equipment	Voltage transformers/other transformers	Split mold type Current Transformer 300/5A 1PS N<20, diameter 160	9	set	Tokyo Metropolis	2019/05/08	
156	Equipment	Voltage transformers/other transformers	Transformer in substation, 21kV/210V 110V 500kVA (for 1B in substation)	1	unit	Chiba Prefecture	2020/02/03	
157	Equipment	Voltage transformers/other transformers	Shinshinano Substation, Inspection/Repair of Transformer gas piping for Synchronous Phase adjusting equipment	1	set	Yamanashi Prefecture	2018/09/18	2018/10/13
158	Equipment	Voltage transformers/other transformers	Shinshinano Substation Unit 2, Repair of Main transformer in substation	1	set	Yamanashi Prefecture	2019/05/27	2019/06/16
159	Equipment	Voltage transformers/other transformers	Transformer in substation, Toshima Substation Unit 6 transformer)	1	set	Tokyo Metropolis	2018/10/16	2018/12/04
160	Equipment	Voltage transformers/other transformers	Transformer in substation, Toshima Substation Unit 5 transformer)	1	set	Tokyo Metropolis	2018/10/16	2018/11/06
161	Equipment	Voltage transformers/other transformers	Split mold type Current Transformer 66kV 1PS 800/5A 60VA 50kA2s n>20	4	pcs	Tokyo Metropolis	2019/06/03	
162	Equipment	Voltage transformers/other transformers	Split mold type Current Transformer 1PS 800,400/5A, 60,25VA 50kA2s n>20	6	pcs	Tokyo Metropolis	2019/05/17	
163	Equipment	Voltage transformers/other transformers	Split mold type Current Transformer A-ECSE type 1PS 2000/1A 60VA 50kA2s, n>20, diameter 160	6	pcs	Tokyo Metropolis	2018/11/20	
164	Equipment	Voltage transformers/other transformers	Shinsawara Substation, Repair of Insulator Cleaning VRLTC maintenancy strategy (L7,L8)	1	set	Chiba Prefecture	2019/02/04	2019/02/22
165	Equipment	Voltage transformers/other transformers	Shinsawara Substation, Repair of 3BLTC maintenancy strategy (L7,L8,L27,L32)	1	set	Chiba Prefecture	2019/02/04	2019/02/22
166	Equipment	Voltage transformers/other transformers	Outdoor oil-immersed self-cooling (15MVA), 50dB 66 Unit L	1	unit	Yamanashi Prefecture	2019/03/19	
167	Equipment	Voltage transformers/other transformers	66kV Super Clad (66/6kV 20MVA 1H+3F+1CC 45dB)	1	set	Chiba Prefecture	2019/03/01	2019/04/22
168	Equipment	Voltage transformers/other transformers	Tranformer 66/6kV 4MVA Outdoor oil-immersed self-cooling, special three-phase	1	unit	Yamanashi Prefecture	2019/06/01	2020/03/31
169	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 10MVA Outdoor oil-forced self-cooling 50dB 60L type	1	unit	Yamanashi Prefecture	2019/12/03	
170	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 10MVA Outdoor oil-immersed self-cooling 50dB 66L type	1	unit	Yamanashi Prefecture	2019/10/01	
171	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 67.3/6.9kV 10MVA Outdoor oil-immersed self-cooling noise 50dB bushing 66M type	1	unit	Ibaraki Prefecture	2019/06/03	
172	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 10MVA Outdoor oil-immersed self-cooling 55dB 66L type	1	unit	Gunma Prefecture	2019/10/01	2019/11/30
173	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution, 64.5/ 6.9kV 10MVA, outdoor oil filled self-cooling, 50dB, 66L type	1	unit	Gunma Prefecture	2019/09/01	2019/10/01
174	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution, 64.5/ 6.9kV 10MVA, outdoor oil filled self-cooling, 50dB, 66M type	1	unit	Shizuoka Prefecture	2019/11/19	
175	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution, 64.5/ 6.9kV 10MVA, outdoor oil filled self-cooling, 50dB, 66M type	1	unit	Shizuoka Prefecture	2019/06/24	
176	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 10MVA Outdoor oil-immersed self-cooling 45dB 66H type	1	unit	Saitama Prefecture	2019/10/21	2020/01/10
177	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 20MVA Outdoor oil-immersed self-cooling 50dB 77H type	1	unit	Ibaraki Prefecture	2019/12/02	
178	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 20MVA Outdoor oil-immersed self-cooling 50dB Elephant	1	unit	Shizuoka Prefecture	2019/05/13	2019/06/28
179	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution, 64.5/ 6.9kV 20MVA, outdoor oil filled self-cooling, 50dB, 66L type	1	unit	Yamanashi Prefecture	2019/01/10	2019/07/19
180	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 20MVA Outdoor oil-immersed self-cooling 50dB 66L type	1	unit	Yamanashi Prefecture	2019/03/25	2019/04/22

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
181	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution, 64.5/ 6.9kV 20MVA, outdoor oil filled self-cooling, 50dB, 66H type	1	unit	Ibaraki Prefecture	2019/09/10	
182	Equipment	Voltage transformers/other transformers	66kV Super Clad 66/6kV 20MVA	1	set	Ibaraki Prefecture	2019/11/04	2020/02/25
183	Equipment	Voltage transformers/other transformers	Remake of 66kV Unit 1 Super clad switch part	1	set	Saitama Prefecture	2019/10/15	2019/11/26
184	Equipment	Voltage transformers/other transformers	Installation of Direct current power supply panel	1	panel	Saitama Prefecture	2018/10/08	2018/12/05
185	Equipment	Voltage transformers/other transformers	Remake of 66kV Unit 2 Super clad switch part	1	set	Saitama Prefecture	2019/05/23	2019/06/30
186	Equipment	Voltage transformers/other transformers	Remake of 66kV Unit 1 Super clad switch part	1	set	Saitama Prefecture	2019/04/07	2019/05/15
187	Equipment	Voltage transformers/other transformers	Installation of 66kV Unit 3 Super clad switch part	1	set	Chiba Prefecture	2019/10/01	2019/12/10
188	Equipment	Voltage transformers/other transformers	Installation of 66kV Unit 3 Super clad switch part	1	set	Chiba Prefecture	2019/04/15	2019/06/25
189	Equipment	Voltage transformers/other transformers	Remake of Unit 1 SPC	1	set	Tokyo Metropolis (Tama Area)	2019/03/22	2019/06/13
190	Equipment	Voltage transformers/other transformers	Repair of Unit 1 SPC hot line oil purifier and others	1	set	Tokyo Metropolis (Tama Area)	2019/05/20	2019/06/07
191	Equipment	Voltage transformers/other transformers	Removal of 66kV Unit 1 Super clad switch part	1	set	Saitama Prefecture	2019/10/15	2019/11/26
192	Equipment	Voltage transformers/other transformers	Removal of 66kV Unit 2 Super clad switch part	1	set	Saitama Prefecture	2019/05/23	2019/06/30
193	Equipment	Voltage transformers/other transformers	Removal of 66kV Unit 1 Super clad switch part	1	set	Saitama Prefecture	2019/04/07	2019/05/15
194	Equipment	Voltage transformers/other transformers	Removal of 66kV Super clad switch	1	set	Chiba Prefecture	2019/04/15	2019/06/25
195	Equipment	Voltage transformers/other transformers	Removal of 66kV Super clad switch part	1	set	Chiba Prefecture	2019/10/01	2019/12/10
196	Equipment	Voltage transformers/other transformers	Removal of 66kV oil super clad Nishiakabane Substation Unit 1 (for multi-terminal)	1	set	Tokyo Metropolis	2023/09/18	2024/01/19
197	Equipment	Voltage transformers/other transformers	66kV Capacitor voltage transformer	2	unit	Ibaraki Prefecture	2019/02/15	
198	Equipment	Voltage transformers/other transformers	Disassembly/Assembly of Main transformer Unit 5 primary elephant	1	set	Tokyo Metropolis	2018/09/05	2019/03/21
199	Equipment	Voltage transformers/other transformers	Main transformer (154/66/21kV, 200MVA) (70DB, impedance 16%) for 1B	1	unit	Chiba Prefecture	2020/02/03	2020/05/22
200	Equipment	Voltage transformers/other transformers	Remake of Hokusun Substation 2BLTC	1	unit	Shizuoka Prefecture	2019/10/01	2019/10/15
201	Equipment	Voltage transformers/other transformers	Disassembly/Assembly of Main transformer Unit 1 secondary elephant	1	set	Tokyo Metropolis	2018/09/05	2019/03/21
202	Equipment	Voltage transformers/other transformers	Replacement of Main transformer Unit 2 LCT	1	set	Tokyo Metropolis	2019/04/01	2019/06/28
203	Equipment	Voltage transformers/other transformers	Replacement of Main transformer Unit 3 LCT	1	set	Tokyo Metropolis	2019/04/01	2019/06/28
204	Equipment	Voltage transformers/other transformers	Disassembly/Assembly of Main transformer Unit 1 primary elephant	1	set	Tokyo Metropolis	2018/09/05	2019/03/21
205	Equipment	Voltage transformers/other transformers	Remake to vacuum valve of Unit 2 Transformer LTC	1	set	Yamanashi Prefecture	2019/01/22	2019/01/23
206	Equipment	Voltage transformers/other transformers	Remake of 154/66kV Transformer for power transmission, Replacement of 1B tertiary surge absorber	1	set	Ibaraki Prefecture	2018/09/20	2018/10/22
207	Equipment	Voltage transformers/other transformers	Chitose-Funabashi Substation Unit 1, Repair of makeup water pump	1	set	Tokyo Metropolis	2018/10/15	2018/11/16
208	Equipment	Voltage transformers/other transformers	Repair of 154/66kV Main transformer Unit 3 secondary neutral point elephant	1	set	Tokyo Metropolis	2019/04/01	2019/04/30
209	Equipment	Voltage transformers/other transformers	Yubune Substation 2BLR (for Power transmission), Stop test (200,000 times inspection)	1	set	Shizuoka Prefecture	2018/10/01	2018/10/25
210	Equipment	Voltage transformers/other transformers	275/66kV Transformer for power transmission, Disassembly/Assembly of Secondary EL	2	unit	Chiba Prefecture	2019/08/05	2019/09/25

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
211	Equipment	Voltage transformers/other transformers	Repair of Main transformer Unit 3 Heat exchanger Butterfly valve (Unit 3-2,3)	1	set	Tokyo Metropolis	2019/04/01	2020/03/31
212	Equipment	Voltage transformers/other transformers	Repair of 3U Cooling Tower circulating water pipe	1	set	Tokyo Metropolis	2019/02/01	2019/02/27
213	Equipment	Voltage transformers/other transformers	Repair of Cooling water valve (1U)	1	set	Tokyo Metropolis	2018/08/01	2018/10/17
214	Equipment	Voltage transformers/other transformers	Repair of Cooling water valve (2U)	1	set	Tokyo Metropolis	2019/08/01	2019/10/17
215	Equipment	Voltage transformers/other transformers	Repair of Heat exchanger Flow meter (Main transformer 1B-Unit 4 and others)	1	set	Tokyo Metropolis	2018/10/01	2018/11/09
216	Equipment	Voltage transformers/other transformers	Kashima Substation, Replacement and repair of 7B Motorized operation mechanism	1	set	Ibaraki Prefecture	2018/12/21	2019/01/31
217	Equipment	Voltage transformers/other transformers	Earthquake countermeasures for Cooling tower pipe	1	set	Tokyo Metropolis	2019/11/25	2020/01/24
218	Equipment	Voltage transformers/other transformers	Closed type Cooling tower (No.1-No.3) (KMB125TRM including Cooling Tower Control panel, Common header, and remake of panel)	1	set	Tokyo Metropolis	2020/01/10	2020/05/08
219	Equipment	Voltage transformers/other transformers	Closed type Cooling tower (temporary) (KMB125TRM including Cooling Tower Control panel, Common header, and remake of panel)	1	set	Tokyo Metropolis	2019/07/08	2019/10/18
220	Equipment	Voltage transformers/other transformers	Removal of Cooling tower (Existing Cooling tower related)	1	set	Tokyo Metropolis	2019/07/08	2020/11/22
221	Equipment	Voltage transformers/other transformers	Installation and Connection of 275kV Power cable	1	set	Tokyo Metropolis	2019/09/10	2020/01/22
222	Equipment	Voltage transformers/other transformers	Disassembly/Assembly of 275kV GIS, CH	1	set	Tokyo Metropolis	2019/10/21	2020/01/22
223	Equipment	Voltage transformers/other transformers	Kita-Katsushika Substation, Repair of Main Transformer Unit 1 transformer cooling device	1	set	Saitama Prefecture	2019/04/03	2019/04/24
224	Equipment	Voltage transformers/other transformers	275/147kV Transformer for power transmission	1	set	Shizuoka Prefecture	2019/01/08	2019/01/30
225	Equipment	Voltage transformers/other transformers	Replacement of Unit 3 transformer LTC (changing to VI-LTC)	1	unit	Gunma Prefecture	2019/04/17	2019/05/17
226	Equipment	Voltage transformers/other transformers	Changing to VI of Boso Substation 9BLTC device	1	set	Chiba Prefecture	2019/10/01	2019/12/20
227	Equipment	Voltage transformers/other transformers	Changing to VI of Boso Substation 3BLTC device	1	set	Chiba Prefecture	2019/10/01	2019/12/20
228	Equipment	Voltage transformers/other transformers	Changing to VI of Boso Substation 1BLTC device	1	set	Chiba Prefecture	2019/10/01	2019/12/20
229	Equipment	Voltage transformers/other transformers	Removal of Boso Substation 3BLTC device	1	unit	Chiba Prefecture	2019/10/01	2019/12/20
230	Equipment	Voltage transformers/other transformers	Removal of Boso Substation 9BLTC device	1	unit	Chiba Prefecture	2019/10/01	2019/12/20
231	Equipment	Voltage transformers/other transformers	Removal of Boso Substation 1BLTC device	1	unit	Chiba Prefecture	2019/10/01	2019/12/20
232	Equipment	Voltage transformers/other transformers	Repair of Main transformer Unit 4 Micafil bushing	1	set	Tokyo Metropolis (Tama Area)	2019/08/12	2019/11/01
233	Equipment	Voltage transformers/other transformers	Repair of 2B Red-phase LR motorized operation mechanism	1	set	Tokyo Metropolis (Tama Area)	2018/11/14	2018/12/05
234	Equipment	Voltage transformers/other transformers	Shintsukuba Substation, 200,000 times Inspection/Repair of Main Transformer Unit 3 LTC	1	unit	Ibaraki Prefecture	2019/06/03	2019/06/28
235	Equipment	Voltage transformers/other transformers	Shintsukuba Substation, 200,000 times Inspection/Repair of Main Transformer Unit 2 LTC	1	unit	Ibaraki Prefecture	2019/06/03	2019/06/28
236	Equipment	Voltage transformers/other transformers	500kV Capacitor voltage transformer	1	unit	Ibaraki Prefecture	2019/11/01	
237	Equipment	Voltage transformers/other transformers	500kV Capacitor voltage transformer	1	unit	Ibaraki Prefecture	2019/11/01	
238	Equipment	Voltage transformers/other transformers	500kV Capacitor voltage transformer	1	unit	Ibaraki Prefecture	2019/11/01	
239	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 147.0/6.9kV 20MVA Outdoor oil-immersed self-cooling 50dB primary side EL	1	unit	Shizuoka Prefecture	2019/09/20	2019/10/03
240	Equipment	Voltage transformers/other transformers	On-load tap changing transformer for power distribution 64.5/6.9kV 10MVA Outdoor oil-immersed self-cooling 50dB 66L	1	unit	Gunma Prefecture	2019/10/01	2019/10/31



No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyy/mm/dd	Date of Delivery (Completion) yyyy/mm/dd
241	Equipment	Voltage transformers/other transformers	Monitoring room	1	set	Chiba Prefecture	2019/01/31	
242	Equipment	Voltage transformers/other transformers	Remake of Super clad control room	1	set	Saitama Prefecture	2019/09/01	2019/10/15
243	Equipment	Voltage transformers/other transformers	Remake of 154kV super-clad	1	set	Chiba Prefecture	2019/01/08	2019/03/25
244	Equipment	Voltage transformers/other transformers	Repair of 154kV LS1 stroke	1	set	Saitama Prefecture	2019/01/14	2019/02/28
245	Equipment	Voltage transformers/other transformers	Tsuboi Substation, Repair of SPC protective panel steel structure	1	set	Chiba Prefecture	2018/07/02	2018/09/28
246	Equipment	Voltage transformers/other transformers	154kV Capacitor voltage transformer	1	set	Ibaraki Prefecture	2019/10/01	
247	Equipment	Generator	Paging equipment	1	set	Nagano Prefecture	2020/03/01	2020/03/30
248	Equipment	Wires/Cables	Soft aluminium conductor AAL 1260mm (including terminal and radiator)	6	Location	Ibaraki Prefecture	2019/02/15	
249	Equipment	Wires/Cables	Aluminum pipe bus (tertiary) various	1	set	Chiba Prefecture	2018/10/25	
250	Equipment	Wires/Cables	66kV aluminum pipe bus (diameter 50x5t)	1	set	Saitama Prefecture	2019/05/20	2019/06/11
251	Equipment	Wires/Cables	Aluminum pipe bus	1	set	Ibaraki Prefecture	2019/05/03	2019/05/21
252	Equipment	Wires/Cables	Aluminum pipe bus modification (diameter 100x5t)	1	Location	Ibaraki Prefecture	2019/03/25	2019/04/22
253	Equipment	Wires/Cables	Matal fitting for overhead line (primary side) various	1	set	Chiba Prefecture	2019/05/02	
254	Equipment	Wires/Cables	Matal fitting for overhead line (secondary and tertiary side) various	1	set	Chiba Prefecture	2018/10/25	
255	Equipment	Power supply units	Installation of Direct current power supply panel	1	panel	Saitama Prefecture	2019/06/03	
256	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery	1	panel	Gunma Prefecture	2019/07/11	
257	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery	1	set	Tokyo Metropolis	2018/10/25	
258	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 150V 25A, with load suppression device	1	unit	Saitama Prefecture	2019/05/22	
259	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 150V 30A, with load suppression device	1	unit	Shizuoka Prefecture	2019/03/15	
260	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 150A, without load suppression device, MSE supporting type	2	unit	Tokyo Metropolis	2018/10/01	
261	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 30A, without load suppression device, MSE Supporting type	1	unit	Tokyo Metropolis	2018/11/20	
262	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery, 150V and 75A without load suppression device	1	unit	Tokyo Metropolis	2019/03/18	
263	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 150V 30A, with load suppression device	1	unit	Chiba Prefecture	2019/05/10	2019/06/10
264	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 150V 100A, without load suppression device	2	unit	Tokyo Metropolis	2019/08/15	
265	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 150V 50A, without load suppression device	2	unit	Tokyo Metropolis	2018/11/01	
266	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 400V 600A, without load suppression device	1	unit	Chiba Prefecture	2019/07/03	
267	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 400V 600A, without load suppression device	1	unit	Chiba Prefecture	2019/08/01	
268	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery, 150V and 50A with load suppression device	1	unit	Gunma Prefecture	2018/09/18	
269	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery, 150V and 50A with load suppression device	1	unit	Gunma Prefecture	2018/09/04	
270	Equipment	Power supply units	Rectifier for charging stationary rechargeable battery 150V 20A, without load suppression device	1	unit	Tokyo Metropolis	2019/07/29	

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyy/mm/dd	Date of Delivery (Completion) yyy/mm/dd
271	Equipment	Power supply units	Stationary alkaline battery AHH 40S	1	set	Chiba Prefecture	2019/08/01	2019/09/04
272	Equipment	Processed steel products/steel towers/metal items	Replacement of main gate of Shimousa Substation	1	set	Chiba Prefecture	2018/07/02	2018/08/31
273	Equipment	Processed steel products/steel towers/metal items	Platform for equipment (primary, secondary, tertiary LS and others), all welded, zinc-coated	1	set	Chiba Prefecture	2019/01/11	
274	Equipment	Processed steel products/steel towers/metal items	Steel structure (Tr strain, secondary, tertiary), all welded, zinc-coated	1	set	Chiba Prefecture	2019/03/04	
275	Equipment	Processed steel products/steel towers/metal items	Replacement of main gate of Kaijin Substation	1	set	Chiba Prefecture	2018/07/02	2018/08/31
276	Equipment	Processed steel products/steel towers/metal items	Aluminum pipe bus	1	set	Shizuoka Prefecture	2019/01/21	2019/02/22
277	Equipment	Processed steel products/steel towers/metal items	Repair of Main gate	1	set	Chiba Prefecture	2018/07/10	2018/07/31
278	Equipment	Processed steel products/steel towers/metal items	Repair of Main gate	1	unit	Chiba Prefecture	2018/07/10	2018/07/31
279	Equipment	Processed steel products/steel towers/metal items	LS platform 154kV 6000A, horizontal single-break without grounding device	4	set	Ibaraki Prefecture	2018/12/17	
280	Equipment	Processed steel products/steel towers/metal items	SP platform	6,000	kg	Ibaraki Prefecture	2019/04/01	
281	Equipment	Telecommunications equipment	Remake of Telecommunication equipment (Telecommunication equipment in CPU room of Funabashi Control center)	1	set	Chiba Prefecture	2019/05/13	2019/06/21
282	Equipment	Telecommunications equipment	Remake of Telecommunication equipment (Telecommunication equipment in Urayasu Substation)	1	set	Chiba Prefecture	2019/05/13	2019/06/21
283	Equipment	Control devices/switchboards/feeding devices	Control panel, 66kV new control system, Substation for power transforming, for Two-circuit receiving	1	panel	Tokyo Metropolis (Tama Area)	2019/04/22	
284	Equipment	Control devices/switchboards/feeding devices	Bank control panel, for central control panel connection	3	panel	Tokyo Metropolis (Tama Area)	2019/05/08	2019/05/31
285	Equipment	Control devices/switchboards/feeding devices	Remote Supervision and Control system for Distribution Substation (multifunction) slave station	1	set	Chiba Prefecture	2019/04/30	
286	Equipment	Control devices/switchboards/feeding devices	Contact point amplification panel	2	panel	Tokyo Metropolis	2018/11/05	
287	Equipment	Control devices/switchboards/feeding devices	Shunt reactor control panel, Built-in Protection relay	1	set	Ibaraki Prefecture	2019/10/07	
288	Equipment	Control devices/switchboards/feeding devices	New type bank control panel (1B)	1	panel	Ibaraki Prefecture	2019/05/24	2019/05/26
289	Equipment	Control devices/switchboards/feeding devices	New type bank control panel (2B)	1	panel	Ibaraki Prefecture	2019/04/16	2019/04/18
290	Equipment	Control devices/switchboards/feeding devices	New type bank control panel (3B)	1	panel	Ibaraki Prefecture	2019/04/09	2019/04/11
291	Equipment	Control devices/switchboards/feeding devices	Replacement of Auxiliary panel (1B)	1	panel	Ibaraki Prefecture	2019/01/21	2019/01/24
292	Equipment	Control devices/switchboards/feeding devices	Replacement of Auxiliary panel (2B)	1	panel	Ibaraki Prefecture	2019/02/22	2019/02/25
293	Equipment	Control devices/switchboards/feeding devices	Replacement of Auxiliary panel (3B)	1	panel	Ibaraki Prefecture	2019/02/04	2019/02/07
294	Equipment	Control devices/switchboards/feeding devices	Type 4 Bank control panel (3B)	1	panel	Ibaraki Prefecture	2019/02/04	2019/02/07
295	Equipment	Control devices/switchboards/feeding devices	Type 4 Bank control panel (2B)	1	panel	Ibaraki Prefecture	2019/02/22	2019/02/25
296	Equipment	Control devices/switchboards/feeding devices	Type 4 Bank control panel (1B)	1	panel	Ibaraki Prefecture	2019/01/21	2019/01/24
297	Equipment	Control devices/switchboards/feeding devices	1B bank control panel	1	panel	Ibaraki Prefecture	2019/05/20	2019/06/07
298	Equipment	Control devices/switchboards/feeding devices	3B bank control panel	1	panel	Ibaraki Prefecture	2019/05/20	2019/06/14
299	Equipment	Control devices/switchboards/feeding devices	Transformer OLR processing panel (2U)	1	panel	Chiba Prefecture	2019/02/05	
300	Equipment	Control devices/switchboards/feeding devices	Installation of Direct current power supply panel (including panel in substation)	1	panel	Saitama Prefecture	2019/09/01	2019/10/15

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
301	Equipment	Control devices/switchboards/feeding devices	OLR panel	1	panel	Shizuoka Prefecture	2018/10/15	
302	Equipment	Control devices/switchboards/feeding devices	Remake of 1B bank control panel and others	1	set	Saitama Prefecture	2018/09/03	2018/09/30
303	Equipment	Control devices/switchboards/feeding devices	Beppu Substation, Accident processing panel at backward flow (with transfer and receiving function) and others	1	set	Saitama Prefecture	2018/08/21	2018/11/09
304	Equipment	Control devices/switchboards/feeding devices	Remake of 3B Bank control panel and others	1	set	Saitama Prefecture	2018/09/03	2018/10/07
305	Equipment	Control devices/switchboards/feeding devices	66kV Transmission line protective relays board (PCM)	2	panel	Saitama Prefecture	2019/04/01	
306	Equipment	Control devices/switchboards/feeding devices	66kV Transmission line protective relays board (PCM)	2	panel	Saitama Prefecture	2019/04/01	
307	Equipment	Control devices/switchboards/feeding devices	Digital type OLR transfer equipment (IED)	1	panel	Gunma Prefecture	2020/02/10	
308	Equipment	Control devices/switchboards/feeding devices	Disaster prevention Transformer Control panel	1	panel	Ibaraki Prefecture	2019/10/01	
309	Equipment	Control devices/switchboards/feeding devices	Insulator cleaning transformer Control panel	1	panel	Ibaraki Prefecture	2019/10/01	
310	Equipment	Control devices/switchboards/feeding devices	Transmission Line transfer and receiving panel	1	panel	Chiba Prefecture	2018/09/26	
311	Equipment	Control devices/switchboards/feeding devices	Bank control panel (1B)	1	panel	Tokyo Metropolis	2019/06/03	2020/06/19
312	Equipment	Control devices/switchboards/feeding devices	Auto-switching panel in substation	1	panel	Tokyo Metropolis	2019/02/01	
313	Equipment	Control devices/switchboards/feeding devices	Urayasu Substation Central control panel (Type 4)	1	panel	Chiba Prefecture	2019/05/07	
314	Equipment	Control devices/switchboards/feeding devices	Urayasu Substation 1B Bank control panel (Type 4)	1	panel	Chiba Prefecture	2019/05/07	2019/05/07
315	Equipment	Control devices/switchboards/feeding devices	Urayasu Substation 2B Bank control panel (Type 4)	1	panel	Chiba Prefecture	2019/05/07	2019/05/07
316	Equipment	Control devices/switchboards/feeding devices	Urayasu Substation 3B Bank control panel (Type 4)	1	panel	Chiba Prefecture	2019/05/07	2019/05/07
317	Equipment	Control devices/switchboards/feeding devices	Central control panel of new type (Maeno)	1	panel	Tokyo Metropolis	2019/09/14	
318	Equipment	Control devices/switchboards/feeding devices	Installation of Main transformer 4B Cooling Control panel	1	set	Saitama Prefecture	2018/12/19	2019/02/02
319	Equipment	Control devices/switchboards/feeding devices	Transmission line Transfer transmission panel for Suruga Substation	1	set	Shizuoka Prefecture	2019/01/15	2019/03/25
320	Equipment	Control devices/switchboards/feeding devices	1B bank control panel	1	panel	Shizuoka Prefecture	2019/07/08	2019/10/08
321	Equipment	Control devices/switchboards/feeding devices	2B Bank control panel	1	panel	Shizuoka Prefecture	2019/07/08	2019/10/15
322	Equipment	Control devices/switchboards/feeding devices	3B bank control panel	1	panel	Shizuoka Prefecture	2019/07/08	2019/10/22
323	Equipment	Control devices/switchboards/feeding devices	Beppu Substation, Remake of Central control panel and others	1	set	Saitama Prefecture	2018/08/21	2018/11/09
324	Equipment	Control devices/switchboards/feeding devices	Central control panel	1	panel	Yamanashi Prefecture	2019/05/07	2019/08/09
325	Equipment	Control devices/switchboards/feeding devices	Bank control panel	2	panel	Yamanashi Prefecture	2019/05/07	2019/08/09
326	Equipment	Control devices/switchboards/feeding devices	Iwamuro Substation, Remake of 3BLRT Control panel	1	set	Gunma Prefecture	2018/11/28	2018/12/05
327	Equipment	Control devices/switchboards/feeding devices	Hatagaya Substation, Remake of 1BLRT Control panel	1	set	Gunma Prefecture	2018/12/07	2018/12/14
328	Equipment	Control devices/switchboards/feeding devices	PC and NR controller, Digital type Arc suppressing reactor protective relays	2	panel	Gunma Prefecture	2019/10/18	
329	Equipment	Control devices/switchboards/feeding devices	Unit 4 transformer Control panel in substation	1	panel	Ibaraki Prefecture	2019/10/01	
330	Equipment	Control devices/switchboards/feeding devices	Remake of Unit 1 Bank auxiliary panel	1	set	Tokyo Metropolis	2018/10/01	2018/11/01

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
331	Equipment	Control devices/switchboards/feeding devices	Remake of Unit 2 Bank auxiliary panel	1	set	Tokyo Metropolis	2018/10/01	2018/11/01
332	Equipment	Control devices/switchboards/feeding devices	Remake of Unit 3 Bank auxiliary panel	1	set	Tokyo Metropolis	2018/10/01	2018/11/01
333	Equipment	Control devices/switchboards/feeding devices	Remake of Entrance/Exit monitoring system of substation	1	set	Tokyo Metropolis	2019/04/01	2019/06/30
334	Equipment	Control devices/switchboards/feeding devices	Daigo Substation, Repair of TC panel automatic switching software corresponding to backward flow	1	set	Ibaraki Prefecture	2018/12/01	2019/03/14
335	Equipment	Control devices/switchboards/feeding devices	Katsura Substation, Repair of TC panel automatic switching software corresponding to backward flow	1	set	Ibaraki Prefecture	2018/12/01	2019/03/14
336	Equipment	Control devices/switchboards/feeding devices	Senba Substation, Repair of TC panel automatic switching software corresponding to backward flow	1	set	Ibaraki Prefecture	2018/12/01	2019/03/14
337	Equipment	Control devices/switchboards/feeding devices	Substation entrance-exit control system	1	set	Tokyo Metropolis	2019/10/01	2019/11/29
338	Equipment	Control devices/switchboards/feeding devices	Outdoor Power distribution panel	1	panel	Chiba Prefecture	2019/01/16	
339	Equipment	Control devices/switchboards/feeding devices	Repair of HCPS Automatic switching equipment	1	set	Tokyo Metropolis	2019/04/01	2019/04/26
340	Equipment	Control devices/switchboards/feeding devices	VT Branch panel	3	panel	Tokyo Metropolis	2018/11/06	
341	Equipment	Control devices/switchboards/feeding devices	VT switching panel	5	panel	Tokyo Metropolis	2019/05/09	
342	Equipment	Control devices/switchboards/feeding devices	DC panel	1	panel	Chiba Prefecture	2018/08/20	
343	Equipment	Control devices/switchboards/feeding devices	Direct current Power distribution panel	3	panel	Tokyo Metropolis	2019/08/15	
344	Equipment	Control devices/switchboards/feeding devices	Switching panel in substation	1	panel	Yamanashi Prefecture	2019/01/10	
345	Equipment	Control devices/switchboards/feeding devices	VT Branch panel	3	panel	Tokyo Metropolis	2019/05/08	
346	Equipment	Control devices/switchboards/feeding devices	Remake of Control center (Thermal power plant)	1	set	Tokyo Metropolis	2019/01/21	2019/02/21
347	Equipment	Control devices/switchboards/feeding devices	Automatic setting device of bus connection circuit breaker	2	set	Chiba Prefecture	2019/03/19	
348	Equipment	Control devices/switchboards/feeding devices	Automatic setting device of bus connection	1	panel	Tokyo Metropolis	2019/01/29	
349	Equipment	Control devices/switchboards/feeding devices	154kV Automatic setting device of bus connection circuit breaker	1	set	Tochigi Prefecture	2019/04/01	
350	Equipment	Control devices/switchboards/feeding devices	Remake of existing Control panel	3	panel	Nagano Prefecture	2019/04/01	2019/04/30
351	Equipment	Control devices/switchboards/feeding devices	Remake of 275kV 2U General recording equipment	1	set	Chiba Prefecture	2019/03/07	2019/04/12
352	Equipment	Control devices/switchboards/feeding devices	General recording equipment	1	panel	Nagano Prefecture	2018/12/01	2018/12/30
353	Equipment	Control devices/switchboards/feeding devices	General recording equipment	1	set	Tokyo Metropolis	2019/04/03	
354	Equipment	Control devices/switchboards/feeding devices	General recording equipment	1	set	Tochigi Prefecture	2019/06/03	
355	Equipment	Control devices/switchboards/feeding devices	General recording equipment	2	set	Tokyo Metropolis	2019/07/17	
356	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Shin-kisarazu 7B secondary)	1	panel	Chiba Prefecture	2019/12/03	
357	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Shin-kisarazu 5B secondary)	1	panel	Chiba Prefecture	2019/12/03	
358	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Uchibo line, Kazusa line Unit 1&2)	1	panel	Chiba Prefecture	2019/12/03	
359	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Kinouchi line, Koitogawa line Unit 1&2)	1	panel	Chiba Prefecture	2019/12/03	
360	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for common use)	1	panel	Chiba Prefecture	2019/12/03	

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
361	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for 154kV A2 B2 bus)	1	panel	Chiba Prefecture	2019/12/03	
362	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for 154kV A1 B1 bus)	1	panel	Chiba Prefecture	2019/12/03	
363	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Shin-kisarazu 6B secondary)	1	panel	Chiba Prefecture	2019/12/03	
364	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for main transformer 3B)	1	panel	Chiba Prefecture	2019/12/03	
365	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for main transformer 4B)	1	panel	Chiba Prefecture	2019/12/03	
366	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for transformer 1,2B in the station)	1	panel	Chiba Prefecture	2019/12/03	
367	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for transformer 3,4B in the station)	1	panel	Chiba Prefecture	2019/12/03	
368	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Isumi line Yokota line Unit 1&2)	1	panel	Chiba Prefecture	2019/12/03	
369	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for 66kV bus and bus connection)	1	panel	Chiba Prefecture	2019/12/03	
370	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for main transformer 1B)	1	panel	Chiba Prefecture	2019/12/03	
371	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Shin-kisarazu 8B secondary)	1	panel	Chiba Prefecture	2019/12/03	
372	Equipment	Control devices/switchboards/feeding devices	VQCIF panel for 8B	1	panel	Chiba Prefecture	2019/01/10	
373	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for main transformer 2B)	1	panel	Chiba Prefecture	2019/12/03	
374	Equipment	Control devices/switchboards/feeding devices	IF panel compatible with Information converting system (for transformer in station), in 2019 275kV1U,154kV(2)	1	panel	Chiba Prefecture	2019/08/19	
375	Equipment	Control devices/switchboards/feeding devices	IF panel compatible with Information converting system (Accessories), in 2019 275kV1U,154kV(2)	1	set	Chiba Prefecture	2019/08/19	
376	Equipment	Control devices/switchboards/feeding devices	IF panel compatible with Information converting system (Transmission Line), in 2019 275kV1U,154kV(2)	4	panel	Chiba Prefecture	2019/08/19	
377	Equipment	Control devices/switchboards/feeding devices	IF panel compatible with Information converting system (Bank secondary), in 2019 275kV1U,154kV(2)	3	panel	Chiba Prefecture	2019/08/19	
378	Equipment	Control devices/switchboards/feeding devices	IF panel compatible with Information converting system (Bank primary), in 2019 275kV1U,154kV(2)	3	panel	Chiba Prefecture	2019/08/19	
379	Equipment	Control devices/switchboards/feeding devices	IF panel compatible with Information converting system (Bank tertiary, phase adjustment), in 2019 275kV1U,154kV(2)	1	panel	Chiba Prefecture	2019/08/19	
380	Equipment	Control devices/switchboards/feeding devices	IF panel (including new IP compliant IF, TC function, Monitoring Control panel) (for Kimitsu Cooperative Thermal Power Company line Unit 1&2)	1	panel	Chiba Prefecture	2019/12/03	
381	Equipment	Control devices/switchboards/feeding devices	Interface panel compatible with Information converting system, for Transmission line	2	panel	Shizuoka Prefecture	2019/08/01	
382	Equipment	Control devices/switchboards/feeding devices	Interface panel compatible with Information converting system, common synchronization	1	panel	Shizuoka Prefecture	2019/08/01	
383	Equipment	Control devices/switchboards/feeding devices	Remake of IF panel (43-LP)	4	set	Ibaraki Prefecture	2018/10/30	2018/12/30
384	Equipment	Control devices/switchboards/feeding devices	Remake of Relay terminal board (Shirauobashi Line)	3	Line	Tokyo Metropolis	2019/09/16	2019/10/07
385	Equipment	Control devices/switchboards/feeding devices	Remake of Relay terminal board (Hamacho Line)	3	Line	Tokyo Metropolis	2019/09/16	2019/11/18
386	Equipment	Control devices/switchboards/feeding devices	Remake of 3U Monitoring Control panel and others	1	set	Tokyo Metropolis	2018/10/12	2018/12/25
387	Equipment	Control devices/switchboards/feeding devices	New backup 90 relay equipment	1	panel	Ibaraki Prefecture	2019/09/02	
388	Equipment	Control devices/switchboards/feeding devices	275/66kV VQC equipment	1	set	Tokyo Metropolis	2019/05/14	
389	Equipment	Control devices/switchboards/feeding devices	Remake of 275/66kV VQC equipment	1	set	Chiba Prefecture	2019/03/17	2019/04/25
390	Equipment	Control devices/switchboards/feeding devices	500kV Substation Centralized monitoring control system, Terminal equipment for monitoring substation	1	set	Shizuoka Prefecture	2018/08/20	2018/08/24

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391	Equipment	Control devices/switchboards/feeding devices	500kV Substation Centralized monitoring control system, Backup unit	1	set	Shizuoka Prefecture	2018/08/20	2018/08/24
392	Equipment	Control devices/switchboards/feeding devices	Removal of 500kV Substation Centralized monitoring control system, Terminal equipment for monitoring substation	1	set	Shizuoka Prefecture	2018/08/20	2018/08/24
393	Equipment	Control devices/switchboards/feeding devices	Removal of 500kV Substation Centralized monitoring control system, Backup unit	1	set	Shizuoka Prefecture	2018/08/20	2018/08/24
394	Equipment	Control devices/switchboards/feeding devices	Interface equipment compatible with ICE (Transmission Line)	2	panel	Gunma Prefecture	2020/03/02	
395	Equipment	Control devices/switchboards/feeding devices	500kV Substation Centralized monitoring control system	1	set	Chiba Prefecture	2018/08/03	2018/09/25
396	Equipment	Control devices/switchboards/feeding devices	Equipment condition checking apparatus	1	set	Shizuoka Prefecture	2019/03/20	2019/04/19
397	Equipment	Control devices/switchboards/feeding devices	Monitoring system inside the site of substation	1	set	Tokyo Metropolis	2019/10/01	2019/11/29
398	Equipment	Control devices/switchboards/feeding devices	Replacement of tension sensor	1	set	Tokyo Metropolis (Tama Area)	2018/07/02	2018/10/16
399	Equipment	Control devices/switchboards/feeding devices	Remake of master station of remote monitoring control system (HDLC) for substation	1	set	Yamanashi Prefecture	2019/05/08	2019/05/20
400	Equipment	Control devices/switchboards/feeding devices	Central control panel (Type 4)	1	panel	Ibaraki Prefecture	2019/05/15	
401	Equipment	Control devices/switchboards/feeding devices	Remote Supervision and Control system for Distribution Substation (HDLC) slave station, multifunction TC for Substation for Distribution Substation (double door)	1	panel	Saitama Prefecture	2019/10/01	
402	Equipment	Control devices/switchboards/feeding devices	Central control panel (Type 4)	1	panel	Saitama Prefecture	2019/01/08	
403	Equipment	Control devices/switchboards/feeding devices	Remote monitoring control system for distributing station (Multifunction type)	1	set	Chiba Prefecture	2019/02/12	
404	Equipment	Control devices/switchboards/feeding devices	Bank control panel	3	pcs	Gunma Prefecture	2019/05/07	2019/06/03
405	Equipment	Control devices/switchboards/feeding devices	Central control panel	1	panel	Gunma Prefecture	2019/05/07	
406	Equipment	Control devices/switchboards/feeding devices	Bank control panel (Type 4)	2	panel	Gunma Prefecture	2019/04/08	2019/04/26
407	Equipment	Control devices/switchboards/feeding devices	Central control panel (Type 4)	1	panel	Gunma Prefecture	2019/08/10	
408	Equipment	Control devices/switchboards/feeding devices	Central control panel	1	panel	Tokyo Metropolis	2019/09/02	
409	Equipment	Control devices/switchboards/feeding devices	Remote Supervision and Control system for Distribution Substation (multifunction type) slave station	1	set	Chiba Prefecture	2019/05/10	2019/06/10
410	Equipment	Control devices/switchboards/feeding devices	Relay terminal board	2	panel	Gunma Prefecture	2018/09/18	
411	Equipment	Control devices/switchboards/feeding devices	New type central control panel	1	panel	Ibaraki Prefecture	2019/04/02	
412	Equipment	Control devices/switchboards/feeding devices	Type 4 Central control panel	1	panel	Ibaraki Prefecture	2018/12/10	
413	Equipment	Control devices/switchboards/feeding devices	Remote Supervision and Control system for Distribution Substation (multifunction type)	1	panel	Ibaraki Prefecture	2019/10/01	2019/10/04
414	Equipment	Control devices/switchboards/feeding devices	Central control panel	1	set	Shizuoka Prefecture	2019/09/17	
415	Equipment	Control devices/switchboards/feeding devices	Central control panel Two-circuit receiving	1	panel	Yamanashi Prefecture	2019/05/08	2019/06/18
416	Equipment	Control devices/switchboards/feeding devices	Remake of Bank auxiliary panel	2	panel	Yamanashi Prefecture	2019/05/08	2019/06/18
417	Equipment	Control devices/switchboards/feeding devices	(Large capacity) Substation HDLC slave station for transmission	1	set	Ibaraki Prefecture	2019/08/22	
418	Equipment	Control devices/switchboards/feeding devices	New Interface panel (New TC)	1	set	Tokyo Metropolis	2019/10/01	
419	Equipment	Control devices/switchboards/feeding devices	Transforming I/F for Power transmission and transformation (optical)	1	set	Gunma Prefecture	2019/10/01	
420	Equipment	Control devices/switchboards/feeding devices	Transforming I/F for Power transmission and transformation (optical)	6	panel	Gunma Prefecture	2019/06/05	

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421	Equipment	Control devices/switchboards/feeding devices	Remote Supervision and Control system (HDLC) for (Large capacity) Substation for power transmission, Slave station	1	panel	Chiba Prefecture	2019/08/19	
422	Equipment	Control devices/switchboards/feeding devices	Back up equipment and others (Renewal work due to aging of centralized monitoring control system of 500kV substation )	1	set	Gunma Prefecture	2018/12/03	2018/12/13
423	Equipment	Water treatment・environmental and fire extinguishing systems	Oil spill prevention apparatus	1	set	Gunma Prefecture	2019/07/26	
424	Equipment	Insulators	Insulator cleaning equipment, Addition of Insulator cleaning device, Fire-catching prevention device, and Water curtain facilities	1	set	Chiba Prefecture	2018/12/04	2019/09/04
425	Equipment	Insulators	Remake of Main transformer Fire-fighting equipment (for Unit 3 transformer)	1	set	Chiba Prefecture	2019/01/15	2019/04/15
426	Equipment	Insulators	Insulator cleaning equipment, Renewal of S-5 and 4 zone, Renewal of Power distribution panel	1	set	Saitama Prefecture	2019/04/01	2019/06/26
427	Equipment	Insulators	Remake of Insulator cleaning equipment	1	set	Ibaraki Prefecture	2019/03/25	2019/04/30
428	Equipment	Insulators	Insulator cleaning equipment, Motorized valve	4	unit	Chiba Prefecture	2019/02/01	2019/03/29
429	Equipment	Insulators	Hasaki Line Unit 2, Remake of Insulator cleaning equipment	1	set	Ibaraki Prefecture	2019/04/15	2019/05/15
430	Equipment	Insulators	Hasaki Line Unit 1, Remake of Insulator cleaning equipment	1	set	Ibaraki Prefecture	2019/03/11	2019/04/11
431	Equipment	Insulators	Shinsawara Substation, Repair of Insulator cleaning equipment Motorized valve and others (H30)	1	set	Chiba Prefecture	2018/11/15	2018/12/20
432	Equipment	Insulators	Removal of Insulator cleaning equipment	1	set	Saitama Prefecture	2019/04/01	2019/06/26
433	Equipment	Insulators	Wall-through bushing (2000A)	6	phase	Ibaraki Prefecture	2019/02/15	
434	Equipment	Insulators	SP Insulator device	6	set	Ibaraki Prefecture	2019/04/01	
435	Equipment	Switches	Installation of 22kV Var-V-Clad box in the station	1	box	Chiba Prefecture	2019/07/15	2019/08/15
436	Equipment	Switches	6kV Reduced type miniclad fixed part (Unit 3) 1H+5F+CC	1	set	Tokyo Metropolis	2019/06/03	2020/02/14
437	Equipment	Switches	Installation of 2B Bank control panel (Type 4 digital)	1	panel	Chiba Prefecture	2019/05/10	2019/06/10
438	Equipment	Switches	6kV Reduced type miniclad fixed part (Unit 2) 1H+5F+CC	1	set	Tokyo Metropolis	2019/06/03	2020/04/17
439	Equipment	Switches	6kV Reduced type miniclad fixed part (Unit 1) 1H+5F+CC	1	set	Tokyo Metropolis	2019/06/03	2020/06/19
440	Equipment	Switches	Toyama Substation, Central control panel (multi-terminal)	1	set	Tokyo Metropolis	2018/09/20	
441	Equipment	Switches	Toyama Substation, Replacement of Digital protective control system (Unit 3 Bank control panel)	1	set	Tokyo Metropolis	2018/11/28	
442	Equipment	Switches	Toyama Substation, Replacement of Digital protective control system (Unit 2 Bank control panel)	1	set	Tokyo Metropolis	2018/11/07	
443	Equipment	Switches	Toyama Substation, Replacement of Digital protective control system (Unit 1 Bank control panel)	1	set	Tokyo Metropolis	2018/10/17	
444	Equipment	Switches	Digital type Protection and Control System (Unit 3 Bank control panel)	1	set	Tokyo Metropolis	2019/05/06	2019/05/31
445	Equipment	Switches	Repair of 1BMC Terminal box	1	set	Saitama Prefecture	2019/02/19	2019/02/21
446	Equipment	Switches	Repair of Miniclad mold clack	3	Location	Ibaraki Prefecture	2018/10/15	2018/10/26
447	Equipment	Switches	Cubicle in the station	1	set	Gunma Prefecture	2019/01/15	2019/01/25
448	Equipment	Switches	Remake of 72kV Gas insulated switch	1	set	Chiba Prefecture	2019/04/19	2019/05/20
449	Equipment	Switches	Disassembly/Assembly of 72kV Gas insulated switch CH part (for 2CH)	1	set	Chiba Prefecture	2019/04/10	2019/06/10
450	Equipment	Switches	66kV Unit 3 SPC switch part	1	set	Saitama Prefecture	2019/01/09	2019/05/17

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451	Equipment	Switches	66kV Unit 1 SPC Switch part	1	set	Saitama Prefecture	2019/01/09	2019/03/15
452	Equipment	Switches	66kV Unit 3 SPC switch part	1	set	Saitama Prefecture	2019/04/03	2019/06/26
453	Equipment	Switches	Disassembly/Assembly of 66kV GIS cable head part (for 2CH)	1	set	Chiba Prefecture	2019/05/10	2019/06/20
454	Equipment	Switches	Disassembly/Assembly of Unit 2 GIS bus-tie CH part	1	set	Tokyo Metropolis	2018/09/05	2019/03/21
455	Equipment	Switches	Disassembly/Assembly of GIS cable head part and other (1U Transmission Line)	1	set	Tokyo Metropolis	2019/03/15	2019/05/24
456	Equipment	Switches	Removal of Gas insulated switch (VGC)	1	set	Ibaraki Prefecture	2019/09/02	2019/10/18
457	Equipment	Switches	Gas insulated switch (VGC) 72kV 1200A 40kA 2s	1	unit	Ibaraki Prefecture	2019/09/02	2019/10/18
458	Equipment	Switches	Remake of 66kV Gas insulated switch (Main Transformer Unit 7, secondary)	1	set	Tokyo Metropolis	2018/09/10	2018/11/28
459	Equipment	Switches	Remake of 66kV Gas insulated switch (Unit 7 bus connection)	1	set	Tokyo Metropolis	2018/09/10	2018/11/28
460	Equipment	Switches	Repair of Kameido Line Unit 1&2 GISLS operational mechanism box	1	set	Saitama Prefecture	2019/05/24	2019/07/26
461	Equipment	Switches	Disassembly/Assembly of 66kV Iwashiro line Unit 1 GISCH part	1	set	Saitama Prefecture	2018/09/26	2018/10/24
462	Equipment	Switches	Disassembly/Assembly of 2B tertiary GIS cable head part	1	set	Shizuoka Prefecture	2019/05/13	2019/08/09
463	Equipment	Switches	Disassembly/Assembly of Chitose-Funabashi Substation 66kV Unit 2 GISCH part, Chitose-Funabashi Line No.2, Soshigaya Substation side	1	set	Tokyo Metropolis	2018/10/10	2018/10/30
464	Equipment	Switches	Disassembly/Assembly of Chitose-Funabashi Substation 66kV Unit 1 GISCH part, Chitose-Funabashi Line No.1, Soshigaya Substation side	1	set	Tokyo Metropolis	2018/09/14	2018/10/15
465	Equipment	Switches	Disassembly/Assembly of 66kV Kayaba-cho line No.1 GIS cable head part (for Yaesu Substation)	1	set	Tokyo Metropolis	2019/03/01	2019/05/25
466	Equipment	Switches	Disassembly/Assembly of 66kV Marunouchi line No.1&No.2 GIS cable head part	1	set	Tokyo Metropolis	2019/09/03	2019/11/28
467	Equipment	Switches	Removal of 66kV Gas insulated switch (Main Transformer Unit 3, secondary, O13)	1	set	Tokyo Metropolis	2019/12/16	2020/02/12
468	Equipment	Switches	Removal of 66kV Gas insulated switch (Nijubashi loop line, O37)	1	set	Tokyo Metropolis	2019/12/16	2020/01/14
469	Equipment	Switches	168kV Gas insulated switch Two-circuit receiving for power distribution, 800A 25kA	1	set	Tokyo Metropolis (Tama Area)	2020/03/02	2020/07/30
470	Equipment	Switches	Gas insulated switch 168kV 2000A CH connection	7	Line	Yamanashi Prefecture	2021/10/01	2022/05/30
471	Equipment	Switches	168kV Gas insulated switch, Nakasone 2LO58 (inspected in 2012)	1	set	Saitama Prefecture	2019/11/20	2019/12/05
472	Equipment	Switches	168kV Gas insulated switch, Komatsugawa Line Unit 1 O31 (inspected in 2012)	1	set	Saitama Prefecture	2019/11/20	2020/03/07
473	Equipment	Switches	168kV Gas insulated switch, Komatsugawa Line Unit 2 O32 (inspected in 2012)	1	set	Saitama Prefecture	2019/11/20	2020/03/11
474	Equipment	Switches	168kV Gas insulated switch, Kameido Line Unit 1 O33 (inspected in 2012)	1	set	Saitama Prefecture	2019/11/20	2020/03/04
475	Equipment	Switches	Disassembly/Assembly of 300kV Gas insulated switch 3B CH part	1	set	Chiba Prefecture	2019/04/10	2019/06/10
476	Equipment	Switches	Disassembly/Assembly of 300kV Gas insulated switch 4B CH part	1	set	Chiba Prefecture	2019/06/10	2019/07/15
477	Equipment	Switches	Remake of GIS Control panel (275kV A bus section)	1	set	Saitama Prefecture	2018/09/18	2018/10/16
478	Equipment	Switches	Remake of GIS Control panel (275kV2U bus connection)	1	set	Saitama Prefecture	2018/09/18	2018/10/27
479	Equipment	Switches	Remake of GIS Control panel (275kV B bus section)	1	set	Saitama Prefecture	2018/09/18	2018/11/22
480	Equipment	Switches	Remake and repair of sealing-off of 275kV Gas insulated switch (2U bus grounding, including old New Tama line: No.23 and 24 system)	1	set	Tokyo Metropolis (Tama Area)	2019/10/01	2019/12/24



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481	Equipment	Switches	Disassembly of 275kV Main 1B Primay GIS cable head	1	set	Tokyo Metropolis	2018/09/18	2018/10/19
482	Equipment	Switches	Assembly of 275kV Main 1B Primay GIS cable head	1	set	Tokyo Metropolis	2019/02/13	2019/06/13
483	Equipment	Switches	Remake and repair of sealing-off of 275kV Gas insulated switch (2U bus conncection: No.26 system)	1	set	Tokyo Metropolis (Tama Area)	2019/10/01	2019/12/24
484	Equipment	Switches	Nishi-koshigaya Substaion 275kV O11 Repair of Operating Mechanism Box	1	set	Saitama Prefecture	2018/11/01	2018/11/16
485	Equipment	Switches	Disassembly/Assembly of 275kV Gas insulated switch cable head part (Shinjyuku Jonan Line No.2)	1	set	Tokyo Metropolis	2019/09/17	2020/04/08
486	Equipment	Switches	Repair of 275kV GIS Control panel (Jyuou Line Unit 2)	1	set	Ibaraki Prefecture	2018/10/01	2018/11/30
487	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-5)	1	set	Chiba Prefecture	2019/04/01	2020/03/31
488	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-100)	1	set	Chiba Prefecture	2020/04/01	2021/03/31
489	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-200)	1	set	Chiba Prefecture	2020/04/01	2021/03/31
490	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-10)	1	set	Chiba Prefecture	2019/04/01	2020/03/31
491	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-903)	1	set	Chiba Prefecture	2019/04/01	2020/03/31
492	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-904)	1	set	Chiba Prefecture	2019/04/01	2020/03/31
493	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-905)	1	set	Chiba Prefecture	2019/04/01	2020/03/31
494	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-4)	1	set	Chiba Prefecture	2019/04/01	2020/03/31
495	Equipment	Switches	Katsunan Substation, Repair of GCB Hydraulic operating mechanism (O-20)	1	set	Chiba Prefecture	2019/04/01	2020/03/31
496	Equipment	Switches	300kV Gas insulated switch Gas Recovering (for power transmission)	1	set	Saitama Prefecture	2018/10/09	2018/10/12
497	Equipment	Switches	2B Bank control panel and others	1	set	Saitama Prefecture	2018/10/08	2018/11/09
498	Equipment	Switches	1B Bank control panel and others	1	set	Saitama Prefecture	2018/10/08	2018/10/26
499	Equipment	Switches	3B Bank control panel and others	1	set	Saitama Prefecture	2018/10/08	2018/11/01
500	Equipment	Switches	Central control panel	1	panel	Saitama Prefecture	2018/10/08	2018/10/26
501	Equipment	Switches	Central control panel (Type 4)	1	panel	Tokyo Metropolis	2018/09/10	
502	Equipment	Switches	1B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2018/09/10	2018/10/17
503	Equipment	Switches	2B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2018/09/10	2018/11/07
504	Equipment	Switches	3B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2018/09/10	2018/11/28
505	Equipment	Switches	1B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2019/09/16	2019/10/11
506	Equipment	Switches	Central control panel (Type 4)	1	panel	Tokyo Metropolis	2019/09/16	
507	Equipment	Switches	2B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2019/09/16	2019/10/25
508	Equipment	Switches	3B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2019/09/16	2019/11/08
509	Equipment	Switches	1B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2019/03/15	2019/04/15
510	Equipment	Switches	Central control panel (Type 4)	1	panel	Tokyo Metropolis	2019/03/15	

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
511	Equipment	Switches	2B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2019/03/15	2019/05/06
512	Equipment	Switches	3B bank control panel (Type 4)	1	panel	Tokyo Metropolis	2019/03/15	2019/05/20
513	Equipment	Switches	Bank control panel (Unit 3) for Central control panel connection	1	panel	Tokyo Metropolis	2018/11/15	2019/02/22
514	Equipment	Switches	Bank control panel (Unit 2) for Central control panel connection	1	panel	Tokyo Metropolis	2018/11/15	2019/02/08
515	Equipment	Switches	Bank control panel (Unit 1) for Central control panel connection	1	panel	Tokyo Metropolis	2018/11/15	2018/12/07
516	Equipment	Switches	Bank control panel of new type (Maeno 3B)	1	panel	Tokyo Metropolis	2019/09/10	2019/11/02
517	Equipment	Switches	Bank control panel of new type (Maeno 1B)	1	panel	Tokyo Metropolis	2019/09/10	2019/10/05
518	Equipment	Switches	Bank control panel (New type) (Nishi-Itabashi 3B)	1	panel	Tokyo Metropolis	2019/03/13	2019/05/19
519	Equipment	Switches	Bank control panel of new type (Maeno 2B)	1	panel	Tokyo Metropolis	2019/09/10	2019/10/19
520	Equipment	Switches	Digital protective control system for Distribution Substation (Central control panel Type 4)	1	panel	Tokyo Metropolis	2019/03/11	
521	Equipment	Switches	Digital protective control system for Distribution Substation (1B Bank control panel Type 4)	1	panel	Tokyo Metropolis	2019/03/11	2019/04/11
522	Equipment	Switches	Digital protective control system for Distribution Substation (2B Bank control panel Type 4)	1	panel	Tokyo Metropolis	2019/03/11	2019/04/25
523	Equipment	Switches	Unit split type bank control panel (3B) (Central control panel connection type) (Replacement of canon cable)	1	set	Tokyo Metropolis	2018/09/25	2018/11/15
524	Equipment	Switches	Unit split type bank control panel (2B) (Central control panel connection type) (Replacement of canon cable)	1	set	Tokyo Metropolis	2018/09/25	2018/10/31
525	Equipment	Switches	Unit split type bank control panel (1B) (Central control panel connection type) (Replacement of canon cable)	1	set	Tokyo Metropolis	2018/09/25	2018/10/18
526	Equipment	Switches	Central control panel	1	panel	Tokyo Metropolis	2018/10/01	
527	Equipment	Switches	Remake of Central control panel, Unit split type	1	set	Ibaraki Prefecture	2019/10/01	2019/10/20
528	Equipment	Switches	Remake for motorization of 500kV disconnecting switch (LS206)	1	set	Ibaraki Prefecture	2019/03/01	2019/03/29
529	Equipment	Switches	Repair of EB111, E111 Motorized operating equipment for expansion	1	set	Shizuoka Prefecture	2019/09/12	2019/10/24
530	Equipment	Switches	Disconnecting switch for grounding (Common 18) 275kV	1	set	Chiba Prefecture	2019/05/17	
531	Equipment	Switches	Removal of 66kV Unit 1 Super clad switch part	1	set	Saitama Prefecture	2019/01/09	2019/02/08
532	Equipment	Switches	Removal of 66kV Unit 3 Super clad switch part	1	set	Saitama Prefecture	2019/01/09	2019/05/17
533	Equipment	Switches	Removal of 66kV Unit 3 SPC switch part	1	set	Saitama Prefecture	2019/04/03	2019/06/26
534	Equipment	Switches	Shin-noda Substation, Remake work of Cub in substation	3	unit	Chiba Prefecture	2018/11/21	2018/12/07
535	Equipment	Switches	154kV Parts for Disconnecting switch (LS1,LS5)	1	set	Tokyo Metropolis	2018/10/01	
536	Equipment	Switches	154kV Parts for Single pole Disconnecting switch (NL11,NL15)	1	set	Tokyo Metropolis	2018/10/01	
537	Equipment	Switches	Repair of Surge absorber	1	set	Gunma Prefecture	2018/10/01	2018/11/01
538	Equipment	Switches	Inspection and remake for earthquake retrofitting of 500kV disconnecting switch (LS206)	1	set	Ibaraki Prefecture	2019/03/01	2019/03/29
539	Equipment	Switches	Disconnecting switch (218) 300kV 2000A	1	set	Chiba Prefecture	2019/05/17	
540	Equipment	Switches	Disconnecting switch (118) 300kV 2000A	1	set	Chiba Prefecture	2019/05/17	

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541	Equipment	Switches	Shinshinano Substation 275kV, Repair of Disconnecting switch conductor part (LS122)	1	set	Yamanashi Prefecture	2019/09/17	2019/10/03
542	Equipment	Switches	Repair of Disconnecting switch conductor part	1	set	Chiba Prefecture	2018/06/01	2018/11/01
543	Equipment	Switches	Disconnecting switch (228) 168kV 3000A	1	set	Chiba Prefecture	2019/03/28	
544	Equipment	Switches	Disconnecting switch (128) 168kV 3000A	1	set	Chiba Prefecture	2019/03/28	
545	Equipment	Switches	Gas circuit breaker, 66kV x 800A x 20kA Unit H for phase adjustment	1	unit	Ibaraki Prefecture	2019/09/10	
546	Equipment	Switches	Gas circuit breaker 66kV 2000A 20kA	1	unit	Chiba Prefecture	2019/01/21	
547	Equipment	Switches	Gas circuit breaker 66kV 2000A 31.5kA Unit M for Hitachi-Oomiya line Unit 1	1	unit	Ibaraki Prefecture	2019/11/01	
548	Equipment	Switches	Gas circuit breaker 66kV 800A 20kA Unit M for phase adjustment	1	unit	Ibaraki Prefecture	2019/09/16	
549	Equipment	Switches	Gas circuit breaker 66kV 2000A 31.5kA Unit M for Hitachi-Oomiya line Unit 2	1	unit	Ibaraki Prefecture	2019/12/02	
550	Equipment	Switches	Gas circuit breaker, 66kV x 800A x 20kA Unit H for phase adjustment	1	unit	Ibaraki Prefecture	2019/09/25	
551	Equipment	Switches	Gas circuit breaker, 66 kV, 800 A, 20 kA, Unit M	2	unit	Ibaraki Prefecture	2018/11/01	
552	Equipment	Switches	Repair of Gas circuit breaker 66kV 1200A 20kA Unit M for phase adjustment	1	unit	Tokyo Metropolis (Tama Area)	2018/11/22	2018/12/16
553	Equipment	Switches	Gas circuit breaker (O6) Repair of Hydraulic operation mechanism part oil leakage	1	set	Chiba Prefecture	2018/10/05	2018/10/21
554	Equipment	Switches	Repair of Gas circuit breaker in Hanahata Substation Yokobori line No.1	1	set	Tokyo Metropolis	2018/05/21	2018/06/15
555	Equipment	Switches	Gas circuit breaker 5,000 times inspection, 66kV 800A 20kA Unit M for phase adjustment	1	set	Tokyo Metropolis (Tama Area)	2019/10/09	2019/10/23
556	Equipment	Switches	Gas circuit breaker 154kV 3000A 31.5kA	1	unit	Chiba Prefecture	2019/05/01	
557	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/04/24
558	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/03/27
559	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/02/07
560	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2019/12/06
561	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/06/26
562	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/07/24
563	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/06/02
564	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2021/02/04
565	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/12/22
566	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/10/20
567	Equipment	Switches	Gas circuit breaker 154kV 2000A 25kA Unit L	1	unit	Tokyo Metropolis	2019/10/15	2020/09/18
568	Equipment	Switches	Adding CT for Gas circuit breaker BP (O11)	1	unit	Ibaraki Prefecture	2019/04/01	2019/04/05
569	Equipment	Switches	Adding CT for Gas circuit breaker BP (O14)	1	unit	Ibaraki Prefecture	2019/04/22	2019/04/26
570	Equipment	Switches	Adding CT for Gas circuit breaker BP (O12)	1	unit	Ibaraki Prefecture	2019/04/15	2019/04/19

No.	Type of contract	Category (large)	Item Name	Quantity	Unit	Place of Delivery	Date of Delivery (Commencement) yyyymmdd	Date of Delivery (Completion) yyyymmdd
571	Equipment	Switches	Remake of 500kV B section GCB	1	set	Ibaraki Prefecture	2019/10/25	2019/11/30
572	Equipment	Switches	Remake of 500kV A section GCB	1	set	Ibaraki Prefecture	2019/03/25	2019/04/30
573	Equipment	General-purpose products	Meter tester, Voltage and Current 3 elements each	1	set	Gunma Prefecture	2018/06/11	
574	Equipment	General-purpose products	Storage container for Equipment contaminated by very low concentration of PCBs (B) * Small	8	pcs	Tokyo Metropolis	2018/10/01	
575	Equipment	General-purpose products	Storage container for Equipment contaminated by very low concentration of PCBs (A) * Large	8	box	Tokyo Metropolis	2018/10/01	
576	Equipment	General-purpose machinery	Pump for Outdoor Fire hydrant equipment	1	set	Ibaraki Prefecture	2018/09/03	2019/03/31
577	Equipment	General-purpose machinery	Inspection/Repair of container valve for Fire-fighting equipment	1	set	Saitama Prefecture	2018/08/27	2018/09/20
578	Equipment	General-purpose machinery	Double swinging moving hinge door (aluminium)	2	unit	Saitama Prefecture	2018/07/10	2018/10/22
579	Equipment	General-purpose machinery	Manual gate	1	set	Saitama Prefecture	2018/07/02	2018/10/10
580	Equipment	General-purpose machinery	Monitoring room shelter	1	Building	Yamanashi Prefecture	2018/08/27	2018/08/31
581	Equipment	General-purpose machinery	Motorized Main gate	1	set	Ibaraki Prefecture	2019/08/01	2019/08/30
582	Equipment	General-purpose machinery	Motorized gate	1	set	Saitama Prefecture	2018/07/05	2018/10/10
583	Equipment	General-purpose machinery	Repair of make-up water pump (Unit 2)	1	set	Tokyo Metropolis	2018/11/13	2018/12/13
584	Equipment	General-purpose machinery	Repair of make-up water pump (Unit 1)	1	set	Tokyo Metropolis	2018/11/05	2018/12/12