

Newly registered: February 2020
Updated: May 2020
(Inclusion of an additional project)

Chugoku Electric Power Transmission & Distribution Co., Inc.

FY2020

Main Material/Equipment Procurement Plan

Related to Power Transmission Operations

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FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

General material/equipment

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No	Facilities Classification	Item Name	Article Name/Construction Name/Work Task Name	Qty.	Unit	Delivery/Construction/ Implementation Locations	Scheduled Procurement Date	Contract Group (Scheduled)	Contract Group (Scheduled)
1	Concrete products	Concrete guard plates	Guard plate for buried conduit lines (Including the Eco Mark-certified transportation charge)	7,988	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202112	Corporate Finance and Procurement Div. (Materials and equipment procurement)
2	Concrete products	Concrete guard plates	Guard plate for buried conduit lines (Including the Eco Mark-certified transportation charge; For installation of 66-kV transmission line cables)	8,425	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202211	202406	
3	Concrete products	Concrete guard plates	Guard plate for buried conduit lines (Including the Eco Mark-certified transportation charge; For replacement of aged CV cables for 66-kV Yamaguchi-Omine Line)	1,626	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202404	202410	
4	Concrete products	Concrete guard plates	Guard plate for buried conduit lines (Including the Eco Mark-certified transportation charge; For replacement of cables for 110-kV Nippon Steel Stainless Steel Shunan Line)	17,500	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202404	202506	
5	Insulators/Aerial line hardware	Extra-high voltage insulators	High-tension insulator (66 kV)	1	Set	Mikuriya Substation	202004	202012	
6	Insulators/Aerial line hardware	Extra-high voltage insulators	High-tension insulator (66 kV)	1	Set	Mikuriya Substation	202004	202010	
7	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator, long rod insulator, long rod support insulator (66 kV; For 2 cct)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202011	
8	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (8024), long rod support insulator (SL-80172)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202012	
9	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (12 sets), long rod support insulator (3 sets) (Installation of 66-kV Yonago-shi-Yodoe-cho Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202011	202103	
10	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250 mm x 102 sets), long rod support insulator (SL-95242 x 21 sets), (Reconstruction of aged steel towers for no. 55-63 of 110-kV Tottori Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202102	202106	
11	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Replacement of cables for no. 38-46 of Taisha Line)	368	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202009	
12	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type)	114	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	

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13	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017)	6	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
14	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Replacement of no. 42-47 of Gotsu-Yunotsu Line)	220	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
15	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Replacement of no. 16-23 of Hamada-Sufu Line)	288	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
16	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017; LC-8021; SL-8017; Replacement of cables for Kanagi Substation to no. 5 of Kanagi-Hamada Line)	75	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202011	
17	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type)	4	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202011	
18	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Reconstruction of steel towers for no. 14 of Naoe-Chiimiya Line)	114	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202006	202102	
19	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017; Replacement of cables for no. 40 to Gotsu Substation of Sakurae-Gotsu Line)	3	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	
20	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Replacement of cables for no. 40 to Gotsu Substation of Sakurae-Gotsu Line)	54	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	
21	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Replacement of no. 11-14 of Gotsu-Yunotsu Line)	176	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	
22	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Replacement of no. 77-85 of Yunotsu-Nima Line)	324	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	
23	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (36 sets), support insulator (LC-8021 x 6 sets) (Reconstruction of aged steel towers for no. 3-5 of Shinji Guy)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202109	
24	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017; Replacement of cables for Taki Guy)	6	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202102	202108	
25	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; Replacement of cables for no. 32-35 of Chiimiya-Oda Line)	126	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202102	202108	

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26	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type x 336), long rod insulator (LC-8024 x 6 sets), (Replacement of cables and modification of steel towers for no. 65 to Taisha Substation of Taisha Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202103	202109	Corporate Finance and Procurement Div. (Materials and equipment procurement)
27	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type x 660), long rod support insulator (LC-8013 x 8 sets), (Replacement of cables and modification of steel towers for no. 52-65 of Chiimiya-Oda Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202103	202109	
28	Insulators/Aerial line hardware	Extra-high voltage insulators	Insulator set	1	Set	Kotoura Substation	202004	202104	
29	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (LC-8024 clevis type)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202009	
30	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (For 110-kV salt resistance)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202010	
31	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250 mm)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
32	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type x 216), long rod insulator (LC-8017 x 72), SP insulator (850A + 950B x 2) (Installation of 110-kV Aidahikari Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202012	
33	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod support insulator (SL-8021; Installation of 66-kV Dragon Field Tsuyama Solar Line)	3	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202012	
34	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type x 300), long rod insulator (LC-8017 x 30), long rod support insulator (SL-80172 x 3) (Reinforcement of certain parts of 110-kV Okayama Chemical Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202012	
35	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017 x 12 sets; Installation of 66-kV Ichijo Mega Solar Okayama-Bizen Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
36	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250 mm x 216), long rod insulator (LC-8021 x 12), long rod support insulator (SL-8021 x 3; SL-8024 x 12) (Reinforcement of certain parts of 66-kV Takebe Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
37	Insulators/Aerial line hardware	Extra-high voltage insulators	SP insulator (850A + 850B; With round wire clamps)	3	Set	Nishi—Okayama Substation	202007	202103	
38	Insulators/Aerial line hardware	Extra-high voltage insulators	SP insulator (For bank reverse power flow countermeasures)	3	Piece	Tahara Power Station	202010	202109	

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39	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250 mm x 567), long rod insulator (LC-8017 x 32), long rod support insulator (SL-80142 x 4) (Reconstruction of aged steel towers for no. 64-73 of 110-kV Yubara-Daini-Okayama Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202203	Corporate Finance and Procurement Div. (Materials and equipment procurement)
40	Insulators/Aerial line hardware	Extra-high voltage insulators	SP insulator, suspension insulator (For upgrading 500-/220-kV bus to 4-bus tie)	1	Set	Shin-Okayama Substation	202103	202110	
41	Insulators/Aerial line hardware	Extra-high voltage insulators	Solid-core SP insulator (For expansion of main transformer)	2	Piece	Sakugi Substation	202004	202008	
42	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator, long rod support insulator (For steel towers)	72	String	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202010	
43	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250 mm; Reconstruction of aged steel towers for no. 17-18 of 110-kV Kamihirabara Line)	198	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202112	
44	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (x 1,071), long rod support insulator (x 9), (Reconstruction of aged steel towers for no. 36-46 of 110-kV Fukuyama Connecting Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202008	202103	
45	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250 mm x 252), long rod insulator (LC-8017 x 18), long rod support insulator (SL-95212 x 20) (Facility relocation for no. 20-22 of 110-kV Seto Guy)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202010	202105	
46	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (x 216), long rod insulator (x 24), long rod support insulator (x 6) (Installation of 110-kV Fuchu-Kawasa Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202012	202106	
47	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (x 594), long rod insulator (x 36), (Reconstruction of aged steel towers for no. 31-35 of 110-kV Kamihirabara Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202108	
48	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (For 220 kV; Ball sockets; Reconstruction of aged steel towers for no. 351-364 of Sanin Trunk Line)	4,284	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
49	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017; LC-8021), solid-core SP insulator (SP-1150A)	21	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202011	
50	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (clevis type, ball socket type), long rod insulator (LC-8017, LCS-8017), solid-core SP insulator (SP-850B + 1150A)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202101	
51	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type x 900), long rod insulator (LC-8017 x 30), long rod support insulator (SL-95212 x 21 sets) (Installation of 110-kV Ichijo Mega Solar Yamaguchi-Kudamatsu Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202006	212106	

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52	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm ball socket type x 3,375), SP support insulator (SP-950B + 1150A x 30 sets), SP support insulator (SP-950B + 950A x 39 sets) (Installation of 110-kV Shintokuyama-Nanyo Line (2nd half of year))	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202007	202106	Corporate Finance and Procurement Div. (Materials and equipment procurement)
53	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017 x 12), long rod support insulator (LC-95242 x 3) (Installation of 110-kV Yamaguchi-Shimooosaba Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202102	
54	Insulators/Aerial line hardware	Extra-high voltage insulators	SP insulator (SP-850B + 1150A; Installation of 110-kV OR Yamaguchi Mine Solar Line)	3	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202103	
55	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-80172 x 18 sets), long rod support insulator (SL-80172 x 3 sets) (Installation of 110-kV Yamaguchi Solar Farm Asa Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202103	
56	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (250-mm clevis type; SU-120CN x 108), long rod insulator (LC-8017 x 24) (Installation of 110-kV OR Yamaguchi Mine Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202103	
57	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (Reconstruction of aged steel towers for no. 55-59 of 110-kV Minamiyamaguchi-Tokuyama Line)	528	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202105	
58	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017 x 24, etc.; Installation works of overhead transmission lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202012	202108	
59	Insulators/Aerial line hardware	Extra-high voltage insulators	Suspension insulator (For 250-mm ball socket type for salt resistance x 1,056), long rod insulator (LC-8021 x 24) (Reinforcement of thermal power lines following the installation of 110-kV Shimonoseki Connecting Line) (Term I)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202101	202109	
60	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017 x 24), long rod support insulator (SL-80172 x 9), (Installation of 110-kV Asa-Yamakawa Mega Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	202205	
61	Insulators/Aerial line hardware	Extra-high voltage insulators	Long rod insulator (LC-8017 x 24), long rod support insulator (SL-80172 x 3) (Installation of 110-kV Yamaguchi-Miyano Solar Line)	27	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	-	
62	Insulators/Aerial line hardware	22-kV insulators	Long rod insulator (LC-8017 x 12 sets), long rod support insulator (SL-8021 x 3 sets) (Installation of 22-kV Daisennikko CC Solar Line (steel towers))	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202010	202102	
63	Insulators/Aerial line hardware	22-kV insulators	Long rod insulator (LC8010; Replacement of cables for no. 379 to Kuroki Power Station of 22-kV Saigo-Kuroki Line)	21	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202105	
64	Insulators/Aerial line hardware	Other insulators	Polymer insulator for suspension equipment (Replacement of 66-kV Yonago Steel Tomimasu Line)	18	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202009	

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65	Insulators/Aerial line hardware	Other insulators	Polymer insulator, polymer support insulator	78	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
66	Insulators/Aerial line hardware	Other insulators	Polymer insulator (Earthquake-resistance countermeasures for Kudamatsu Thermal Power Connecting Line (Term IV))	27	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202009	202108	
67	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Suspension equipment attachment bracket (SAS-161210VX)	24	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202008	
68	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Repair clamp (For OPGW)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
69	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Suspension equipment attachment bracket (SAS-161210VX)	15	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202009	
70	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware for suspension equipment (For 66 kV)	18	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202009	
71	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (ACSR/AC 160 tension hardware, AC 70 tension hardware)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202011	
72	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Long rod tension insulator (For 110 kV)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202012	
73	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Long rod single-line tension equipment (161.8 KN; Repair of aerial line hardware for Tottori-Yoshinari Line)	12	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202009	202012	
74	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV aerial line hardware (ACSR/AC 160; Tension hardware x 6 sets; Longitudinal bus x 6 sets), grounding conductor hardware (AC 70; Tension hardware x 2 sets) (Installation of Yonago-shi-Yodoe-cho Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202011	202103	
75	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	22-kV aerial line hardware (ACSR/AC 160; Tension hardware x 9 sets), grounding conductor hardware (AC 70, GT-8 x 6 sets) (Installation of Daisennikko CC Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202102	
76	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV aerial line hardware (TACSR/AC 240; Tension hardware C1T12S-1 x 96 sets; Suspension hardware C1S8-1 x 6 sets), grounding conductor hardware (OPAC 70; General tension hardware x 13 sets; Connecting tension hardware x 5 sets; Suspension hardware x 1 set) (Reconstruction of aged steel towers for 110-kV Tottori	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202102	202106	
77	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (For 66 kV)	45	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202009	

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78	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (For 110 kV)	12	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
79	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (For 66 kV)	78	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
80	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension equipment (C1T8S-1; Replacement of insulators for Gotsu-Yunotsu Line)	36	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
81	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension equipment (C1T8S-1, Replacement of insulator for Hamada-Sufu Line)	48	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
82	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV aerial line hardware (TACSR/AC 160; C1T8S-1 x 156 sets; 2L1T8S-2B x 12 sets, C1S8S-1 x 6 sets), grounding conductor hardware (OPAC 70/AC 70; Tension equipment for grounding conductors x 10 sets; OP general hardware x 20 sets; OP connecting hardware x 6 sets; OP suspension hardware x 1; Hardware for OP service	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202102	
83	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV aerial line hardware (TACSR/AC 160; Long rod tension insulator x 6 sets), grounding conductor hardware (AC 70; Tension hardware x 2 sets) (Installation of Worldtech Solar Park Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202009	
84	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension equipment (Suspension insulator; For ACSR/AC 160; Replacement of cables for Higashimasuda-Misumi Line)	54	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202011	
85	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	12-ton 66-kV single-line tension equipment (Replacement of cables for Kanagi-Hamada Line)	60	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202006	202011	
86	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	12 sets of 110-kV aerial line hardware (6 sets x 2 circuits; Reconstruction of steel towers for Naoe-Chiimiya Line)	12	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202006	202102	
87	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	6-kV insulator hardware (Installation of 6-kV transmission lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202010	202012	
88	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension equipment (C1T8S-1; Replacement of cables for Sakurae-Gotsu Line)	12	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	
89	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension equipment (C1T8S-1; Replacement of insulators for Gotsu-Yunotsu Line)	24	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	
90	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension equipment (C1T8S-1; Replacement of insulators for Yunotsu-Nima Line)	54	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	

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284

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91	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	22-kV aerial line hardware clamp for corrosion prevention (Thick-plating specifications; Replacement of cables for 22-kV Saigo-Kuroki Line)	21	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202105	Corporate Finance and Procurement Div. (Materials and equipment procurement)
92	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	36 sets of single-line tension equipment, 3 sets of tension equipment for grounding conductors (Including arcing horn clamps; Reconstruction of aged steel towers for Shinji Guy)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202109	
93	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	42 sets of 66-kV aerial line hardware (Replacement of cables and modification of steel towers for Taisha Line)	42	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202103	202108	
94	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	78 sets of 66-kV aerial line hardware (Replacement of cables and modification of steel towers for Chiimiya-Oda Line)	78	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202103	202108	
95	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	24 sets of 66-kV aerial line hardware (Replacement of cables for Chiimiya-Oda Line and another line)	24	String	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202103	202108	
96	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Double-line tension equipment, single-line suspension equipment (For 110 kV)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
97	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (Tension equipment; Suspension equipment (For 110 kV))	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
98	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Single-line tension equipment, tension equipment for grounding conductors (For 110 kV)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202009	
99	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (For 110 kV)	3	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202008	
100	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Bolt and nut for aerial line hardware (For sections made of sulfur-containing free-cutting steel)	267	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202008	
101	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Single-line tension equipment (For 110 kV)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202010	
102	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Single-line tension equipment, grounding conductor hardware (For 110-kV single conductors)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202010	
103	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	12 sets of single-line tension equipment (Group 12 t; For long rod insulators), 24 sets of single-line tension equipment (Group 8 t; For long rod insulators), 24 sets of single-line tension equipment (Group 8 t; For suspension insulators), 19 sets of tension equipment for grounding conductors, etc. (Installation of 110-kV Aidahikari Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202012	

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284

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104	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV suspension single-line tension equipment (Replacement of aerial line hardware for 66-kV Ashidachi Sekkai Line, etc.)	12	String	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
105	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV tension clamp (TNA-6022; Replacement of aerial line hardware for 66-kV Ashidachi Sekkai Line, etc.)	6	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
106	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Single-line tension equipment (Replacement of aerial line hardware for JR-WEST Kasaoka Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
107	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	12 sets of 66-kV single-line tension equipment (Long rod insulators, Group 80 kN), 5 sets of tension equipment for grounding conductors (Installation of 66-kV Ichijo Mega Solar Okayama-Bizen Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
108	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	36 sets of single-line tension equipment (Suspension insulators; Group 8 t), 12 sets of single-line tension equipment (Long rod insulators; Group 8 t) (Reinforcement of certain parts of 66-kV Takebe Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
109	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV aerial line hardware (Replacement of worn hardware for 66-kV Okayama Sekisui Line)	4	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202010	
110	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV double-line tension/suspension equipment (2 conductors; Replacement of aerial line hardware and other works for Tamashima-Kasaoka Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202011	
111	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Single-line tension equipment (Group 8 t; 30 sets of equipment for suspension insulators; 15 sets of equipment for long rod insulators; Reinforcement of certain parts of 110-kV Okayama Chemical Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202012	
112	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	39 110-kV wedge-shaped anchor clamps (MBT-7020), 6 tension clamps (TN-4522AC), 6 SP-style T-branch clamps (For ACSR 160), etc. (Reinforcement of certain parts of 110-kV Okayama Chemical Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202012	
113	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Suspension clamp, OB clamp (Repair of compressed straight sleeves for Tamano Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202012	
114	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	220-kV single-line suspension equipment (2 conductors; Replacement of aerial line hardware and other works for 220-kV Nippon Kokan Line)	6	String	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202102	
115	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Suspension equipment for grounding conductors (GNS-8532Y5; Replacement of aerial line hardware and other works for Nippon Kokan Line)	2	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202102	
116	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV double-line tension equipment, grounding conductor hardware (Replacement of hardware for Mishima-Kasaoka Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202102	

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284

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117	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (12 sets of tension equipment for 3 towers; 6 sets of the same for 4 towers; 6 sets of suspension equipment for 1 tower; Reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202203	Corporate Finance and Procurement Div. (Materials and equipment procurement)
118	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV double-line tension equipment (2 conductors), 66-kV single-line tension equipment, grounding conductor hardware (Replacement of hardware for Mizushima-Tamano Line and another line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202101	202105	
119	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV double-line tension/suspension equipment (2 conductors; Replacement of hardware for Tamashima-Kasaoka Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202101	202105	
120	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Bolt and nut for aerial line hardware (220-kV Shintottori Line; Replacement)	356	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202102	202105	
121	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (Replacement of hardware for Unitika Textile Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	202107	
122	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (Tension equipment; For upgrading 500-/220-kV bus to 4-bus tie)	1	Set	Shin-Okayama Substation	202103	202110	
123	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (Suspension equipment; For upgrading 500-/220-kV bus to 4-bus tie)	1	Set	Shin-Okayama Substation	202103	202110	
124	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (For steel towers)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202010	
125	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Tension equipment for grounding conductors (Replacement works for OPGW)	4	String	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202009	
126	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Tower-peak bearing-type suspension clamp for grounding conductors (Replacement works for OPGW)	3	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202009	
127	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware (For 66 kV)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202011	
128	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	22-kV tension equipment for grounding conductors (GSW 38 → AC 38; Including tower modification; For 22-kV Kurisu Line)	6	String	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202010	
129	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV tension clamp (TN-5524; For HDCC 100 sq; Replacement of cables for Nabarakita Line (training line))	4	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202011	

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284

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130	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV tension clamp (TN-5516; For HDCC 100 sq; Replacement of cables for Nabarakita Line (training line))	8	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202011	Corporate Finance and Procurement Div. (Materials and equipment procurement)
131	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV suspension clamp (SN-3516; For HDCC 100 sq; Replacement of cables for Nabarakita Line (training line))	2	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202011	
132	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV suspension clamp (FS-5530AC; For ACSR 160 sq; For replacement of cables for Nabarakita Line (training line))	2	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202011	
133	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	60 220-kV tension equipment attachment brackets, 12 suspension equipment attachment brackets (For TACSR 410 x 2; Reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202101	
134	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	18 sets of 110-kV single-line suspension equipment (Group 12 t), 6 sets of tension equipment for grounding conductors (OP) (For reconstruction of aged steel towers for 110-kV Kamihirabara Line)	24	String	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202112	
135	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	6 110-kV suspension clamps (ACSR 240), 1 tower-peak bearing-type suspension clamp for grounding conductors (OP), 6 tension clamps for grounding conductors (OP) (For reconstruction of aged steel towers for 110-kV Kamihirabara Line)	13	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202112	
136	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	30 sets of 110-kV single-line tension equipment, 18 sets of long rod single-line tension equipment, 8 sets of tension equipment for grounding conductors (Facility relocation for 110-kV Seto Guy)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202010	202105	
137	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	36 sets of 110-kV single-line tension equipment (Group 8 t), 12 sets of tension equipment for grounding conductors (AC) (Installation of 110-kV Fuchu-Kawasa Solar Line)	48	String	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202012	202106	
138	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV tension equipment for grounding conductors (AN 38 → AC 38 or AC 55; Including tower modification; For 66-kV Mishima Paper Line)	10	String	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202105	
139	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV single-line tension equipment (Group 12 t), 10 sets of tension equipment for grounding conductors (OP) (For reconstruction of aged steel towers for 110-kV Kamihirabara Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202108	
140	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	120 sets of 220-kV double-line tension equipment, 12 sets of single-line suspension equipment (For TACSR 410 x 2; Reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
141	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	22 sets of 220-kV tension equipment (For OPAC 170), 2 sets of tension equipment (For OPAC 120), 22 sets of tension equipment (For AC 150) (Reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
142	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	2 sets of 220-kV suspension equipment (For OPAC 170), 2 sets of suspension equipment (For AC 150) (Reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	

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284

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143	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Grounding conductor clamp, U-clevis (For replacement of overhead grounding conductors)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202008	Corporate Finance and Procurement Div. (Materials and equipment procurement)
144	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	6 sets of 66-kV single-line tension equipment (For long rod insulators), 2 sets of grounding conductor hardware (For AC 70 sq) (For installation of 66-kV Iwakuni-Yu Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202010	
145	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension equipment (For ACSR 160; Group 8 t; Installation of 66-kV Onoda-Takahata Solar Line)	18	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202011	
146	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	22 sets of 110-kV tension equipment, 3 sets of suspension equipment for grounding conductor hardware (Replacement works for OPGW for 110-kV Nishishimonoseki Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202011	
147	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV double-line tension equipment (For salt-resistant insulators x 24 sets; For long rod insulators x 24 sets), grounding conductor hardware (For AC 70, OPAC 70) (Reconstruction of aged steel towers for 110-kV Nishiube Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202101	
148	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	66-kV single-line tension/suspension equipment (For ACSR 160; Group 8 t; Installation of 110-kV Ichijo Mega Solar Yamaguchi-Kudamatsu Line)	93	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202006	202106	
149	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV tension equipment (Group 33 t; TACSR/AC 410 x 2), 110-kV suspension equipment (Group 16.5 t; TACSR/AC 410 x 2) (Installation of 110-kV Shintokuyama-Nanyo Line (2nd half of year))	144	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202006	202106	
150	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	18 sets of 66-kV single-line tension equipment (CA25S x 7; Z = 637 HDCC 55), 3 sets of single-line suspension equipment (CA25S x 6; Z = 591 HDCC 55), 8 sets of grounding conductor hardware (Tension equipment, AC/AS 38) (Repair of aerial line hardware for Teijin Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202007	202009	
151	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV SSTA clamp (For 410 sq; Installation of 110-kV Shintokuyama-Nanyo Line (2nd half of year))	384	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202007	202108	
152	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV single-line tension equipment (For ACSR 160; Group 8 t; Installation of 110-kV OR Yamaguchi Mine Solar Line)	24	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202103	
153	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Tension equipment for grounding conductors (For AC 70; Installation of 110-kV OR Yamaguchi Mine Solar Line)	8	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202103	
154	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV single-line tension equipment (For ACSR 160; Group 8 t; Installation of 110-kV Yamaguchi Solar Farm Asa Line)	18	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202103	
155	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Tension equipment for grounding conductors (For AC 70; Installation of 110-kV Yamaguchi Solar Farm Asa Line)	6	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202103	

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284

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156	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	6 sets of 110-kV single-line tension equipment (For long rod insulators), 2 sets of grounding conductor hardware (For AC 70 sq) (Installation of 110-kV Yamaguchi-Shimoosaba Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202010	202102	Corporate Finance and Procurement Div. (Materials and equipment procurement)
157	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV aerial line hardware (For TA 240; Reconstruction of aged steel towers for Minamiyamaguchi-Tokuyama Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202105	
158	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV aerial line hardware (For OP 70; Reconstruction of aged steel towers for Minamiyamaguchi-Tokuyama Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202105	
159	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Tension equipment for grounding conductors (For AC 70; Installation of 66-kV Yamaguchi-shi-Sayama Solar Line)	8	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202012	202106	
160	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV single-line tension/suspension equipment (Group 16 t, For XTACIR 600; Reinforcement of thermal power lines following the installation of 110-kV Shimonoseki Connecting Line) (Term I)	60	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202101	202109	
161	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	Aerial line hardware, etc. (For installation of transmission lines)	12	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202102	202108	
162	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	110-kV single-line tension equipment (For long rod insulators; ACSR/AC 160 sq; Group 8 t; Installation of 110-kV Yamaguchi-Miyano Solar Line)	12	String	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	FY 2021 and after	
163	Insulators/Aerial line hardware	Aerial line hardware for extra high voltage	18 sets of 110-kV single-line tension equipment (For long rod insulators), grounding conductor hardware (For AC 70) (Installation of 110-kV Asa-Yamakawa Mega Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	202205	
164	Conduit lines	Conduit lines	150-mm bore PFP pipe (0.40 km; Minatoyama Line No. 8 MH to Tottori University Campus MH; For installation of 66-kV Tottori University Hospital (Yonago) Line No. 2)	400	m	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202101	202108	
165	Conduit lines	Conduit lines	Embedded collar-shaped propulsion pipe, propulsion transmission cushion materials (For relocation of distribution facilities following the facility relocation of Senoo Trunk Line No. 3, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202009	
166	Conduit lines	Conduit lines	150-mm bore PFP pipe (For replacement of aged CV cables for 66-kV Kitatsuyama Guy)	40	m	Kita-Tsuyama Substation	202201	202206	
167	Conduit lines	Conduit lines	250-mm bore straight/bent PFP pipe, 150-mm bore straight/bent pipe, conduit line accessory materials	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202007	
168	Conduit lines	Conduit lines	150-mm bore PFP pipe (1-/2-m straight/bent pipe x 582), EB pipes, and other conduit line accessory materials (For advance works for the conduit line that runs across the Ota-gawa river discharge channel; Construction Zone 2)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202008	202011	

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284

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169	Conduit lines	Conduit lines	150-mm bore TFPF pipe (1.5-/2-m straight pipe x 1,326), 100-mm bore PFP pipe (1.5-/2-m straight pipe x 221), EB pipes, and other conduit line accessory materials (Line-laying cart x 446; For advance works for the conduit line that runs across the Ota-gawa river discharge channel; Construction Zone 1)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202008	202012	Corporate Finance and Procurement Div. (Materials and equipment procurement)
170	Conduit lines	Conduit lines	150-mm bore PFP pipe (2,600 m x 3 sections; 1 hole/1 section; From Tosoh Power Station to Nanyo Substation; For reinforcement of 110-kV Tosoh Line)	7,800	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202109	
171	Conduit lines	Conduit lines	250-mm bore PFP pipe (Approximately 1.4 km; For installation of transmission lines; Construction Zone 1)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202109	
172	Conduit lines	Conduit lines	250-mm bore PFP pipe (Approximately 0.8 km; For installation of transmission lines; Construction Zone 2)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202109	
173	Conduit lines	Manholes	Manhole (For installation of 66-kV Tottori University Hospital (Yonago) Line No. 2)	2	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202101	202108	
174	Conduit lines	Manholes	Manhole (1,600 W x 5,000 L x 6,800 H; Resin concrete and concrete are both acceptable; Relocation of distribution facilities following the facility relocation of Senoo Trunk Line No. 3, etc.)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202009	
175	Conduit lines	Manholes	Manhole (1,600 W x 5,000 L x 6,800 H; Resin concrete and concrete are both acceptable; Relocation of distribution facilities following the facility relocation of Senoo Trunk Line No. 3, etc.)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202009	
176	Conduit lines	Manholes	Resin concrete manhole ((For Construction Zone 1) 1 tower with four segments (2.0 x 4.0 x 2.0 with sleeves), 8 towers with 3 to 4 segments (2.0 to 2.5 x 3.0 to 4.8 x 2.0 to 3.5)), ((For Construction Zone 2) 1 tower with 8 segments (2.0 x 7.5 x 1.8)) (For advance works for the conduit line that runs across the Ota-gawa river discharge	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202010	202104	
177	Conduit lines	Manholes	Resin concrete manhole (10 segments; L model; 1.8/4.45 x 6.7 x 2.0; For installation of 110-kV Seinanihiroshima Line)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202011	202105	
178	Conduit lines	Manholes	Resin concrete manhole (For installation of transmission lines; Construction Zone 1)	5	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202112	
179	Conduit lines	Manholes	Resin concrete manhole (For installation of transmission lines; Construction Zone 2)	4	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202112	
180	Conduit lines	Manholes	Resin concrete manhole (For installation of 66-kV transmission line cables)	7	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202211	202406	
181	Conduit lines	Manholes	Resin concrete manhole (For replacement of aged CV cables for 66-kV Yamaguchi-Omine Line)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202404	202410	

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284

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182	Conduit lines	Manholes	Resin concrete manhole (For replacement of cables for 110-kV Nippon Steel Stainless Steel Shunan Line)	14	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202404	202506	Corporate Finance and Procurement Div. (Materials and equipment procurement)
183	Steel towers, and iron and steel	Iron and steel equipment	Bridge for Nittabashi Conduit Line (For replacement of the bridge on Nittabashi Conduit Line (2nd half of year))	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202010	202104	
184	Steel towers, and iron and steel	Iron and steel equipment	Bridge-mounting hardware (For mounting hardware on bridges)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202012	
185	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of worn aerial line hardware for 110-kV Tsukura Line)	56	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202008	
186	Steel towers, and iron and steel	Iron and steel equipment	Rack used for installing piping through the propulsion pipe (PK plates for suspension-type pipe installation; Monorail beams; Hangers; Pace cars; Filler pipes; For relocation of distribution facilities following the facility relocation of Senoo Trunk Line No. 3, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202009	
187	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Okutsu Line)	140	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202009	
188	Steel towers, and iron and steel	Iron and steel equipment	Bridge-mounting hardware (For mounting hardware on the bridges on Fujita-Urayasuminami Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
189	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 110-kV Sanyo Guy, etc.)	213	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202009	
190	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 110-kV Saidaiji Line)	716	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202009	
191	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 110-kV Bizen Line, etc.)	868	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202107	202109	
192	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 110-kV Shinkurashiki-Okayama Line, etc.)	518	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202107	202109	
193	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of conductor fittings for 110-kV Saidaiji Line and another line)	210	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202010	
194	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of worn hardware for 66-kV Okayama Sekisui Line)	32	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202010	

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195	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Furukawa Line)	196	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202011	Corporate Finance and Procurement Div. (Materials and equipment procurement)
196	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of conductor fittings for 110-kV Shinkurashiki-Okayama Line)	28	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202010	
197	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 110-kV Higashiokayama-Saidaiji Line)	512	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202011	
198	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Makabe Line)	238	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202012	
199	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of conductor fittings for 110-kV Shinkurashiki-Okayama Line)	112	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202010	202012	
200	Steel towers, and iron and steel	Iron and steel equipment	Power cable support rack (For replacement of MTr tertiary GS, etc.)	2	Unit	Bizen Substation	202010	202107	
201	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Mitsu-Nishiokayama Line, etc.)	714	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202102	
202	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of conductor fittings for 110-kV Okayama Connecting Line)	84	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202102	202104	
203	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Matsushita Video Line)	56	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202102	202104	
204	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of worn aerial line hardware for 110-kV Tsukura Line)	56	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202107	202109	
205	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of conductor fittings for 110-kV Higashiokayama-Saidaiji Line)	160	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202108	202110	
206	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of worn hardware for 66-kV NTN Line to service wire)	40	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202108	202110	
207	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Takebe Line and other 3 lines)	596	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202109	202111	

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284

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208	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For replacement of worn hardware for 66-kV Okayama Sekisui Line)	24	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202109	202111	Corporate Finance and Procurement Div. (Materials and equipment procurement)
209	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Nanokaichi Connecting Line and another line)	324	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202111	202201	
210	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Yamada Guy, etc.)	260	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202112	202202	
211	Steel towers, and iron and steel	Iron and steel equipment	Grounding plate for steel towers (For 66-kV Matsushita Video Line)	56	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202202	202204	
212	Steel towers, and iron and steel	Iron and steel equipment	Bridge-mounting hardware (For mounting hardware on bridges)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Chime Pref.)	202004	-	
213	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (2 towers), steel tower modification materials (2 towers) (Including full-scale inspection)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202102	
214	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower), steel tower modification materials (2 towers) (Including full-scale inspection and powder coating)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202010	
215	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower), modification materials (1 tower) (Including full-scale inspection; For installation of 66-kV Yonago-shi-Yodoe-cho Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202007	202012	
216	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (1 tower; Including full-scale inspection; For conversion of 66-kV Kawahara Line to a two-circuit line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202010	202103	
217	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (9 towers), modification materials (2 towers) (Including full-scale inspection; For reconstruction of aged steel towers for 110-kV Tottori Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202101	202104	
218	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (3 towers), modification materials (2 towers) (Epoxy powder coating specifications; For reconstruction of aged steel towers for 66-kV Shinko Industrial Line)	32	t	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202102	202105	
219	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (Including full-scale measurement; For repair of tower peak for Yonago Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202104	202110	
220	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower), steel tower modification materials (2 towers)	14	t	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	

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221	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (Including full-scale measurement)	6	t	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202011	Corporate Finance and Procurement Div. (Materials and equipment procurement)
222	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (Including full-scale measurement; For repair of eroded steel tower materials of Eagle Highcast Line)	1	t	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202103	
223	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower; 17.5 t), modification materials (2 towers) (For reconstruction of steel towers for 110-kV Naoe-Chiimiya Line)	18	t	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202006	202102	
224	Steel towers, and iron and steel	Steel towers/Steel structures	Steel structure modification materials (66 kV)	1	Set	Chiimiya Substation	202007	202103	
225	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 towers), modification materials (2 towers) (Including full-scale inspection; For reconstruction of aged steel towers for 110-kV Shinji Guy)	34	t	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202009	202105	
226	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (Including full-scale measurement; For replacement of cables for Sakurae-Gotsu Line to Gotsu Substation)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202104	
227	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (3 towers; Including full-scale inspection; For replacement of cables for 22-kV Saigo-Kuroki Line to Kuroki Power Station)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202012	202105	
228	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (2 towers)	31	t	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
229	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (For replacement of materials for Shinkurashiki-Kasaoka Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
230	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower), steel tower modification materials (7 towers) (Including painting costs)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202009	
231	Steel towers, and iron and steel	Steel towers/Steel structures	Steel structure modification materials (For modification of existing outdoor steel structures following the replacement of distribution transformers or other items)	1	Set	Kotoura Substation	202004	202101	
232	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (2 towers; 0.5 t; Full-scale inspection of 1 tower; For replacement of cables for 66-kV Hanshin Yosetsu Kizai Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
233	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower; 8.5 t; For installation of 66-kV Ichijo Mega Solar Okayama-Bizen Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	

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234	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (4 towers; 2.0 t; Including full-scale inspection; For reinforcement of certain parts of 66-kV Takebe Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	Corporate Finance and Procurement Div. (Materials and equipment procurement)
235	Steel towers, and iron and steel	Steel towers/Steel structures	Support column for SP insulators, steel structure modification materials (Including examination of strength and on-site size inspection)	1	Set	Nishi-Okayama Substation	202007	202103	
236	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (For replacement of materials for transmission lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202010	202102	
237	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (Approximately 1.0 t; Including full-scale measurement, etc.; For disposal of 6-kV distribution steel towers and steel poles)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202010	202107	
238	Steel towers, and iron and steel	Steel towers/Steel structures	Outdoor steel structures (For upgrading 500-/220-kV bus to 4-bus tie)	70	t	Shin-Okayama Substation	202010	202112	
239	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (4 towers; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	55	t	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202112	
240	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (3 towers; Approximately 18.3 t), modification materials (Approximately 4.0 t) (Including full-scale measurement, etc.; For replacement of aged CV cables for 66-kV Okayama University Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202102	202107	
241	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (4 towers; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	48	t	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202105	202111	
242	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower; For installation of additional steel towers for 110-kV Yubara-Kurayoshi Line)	11	t	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202207	
243	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (Including full-scale inspection; For reinforcement of steel towers for 110-kV Otagawa Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202101	
244	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (Including full-scale inspection, For reinforcement of steel towers for 22-kV Furuichiminami Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202101	
245	Steel towers, and iron and steel	Steel towers/Steel structures	Outdoor steel structures (For maintenance of 22-kV enclosed switchboard)	1	Set	Innoshima Substation	202004	202105	
246	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower), steel tower modification materials (2 towers)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202011	

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247	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (3 towers), steel tower modification materials (1 tower) (Including full-scale inspection)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202101	Corporate Finance and Procurement Div. (Materials and equipment procurement)
248	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	-	
249	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (Angled; 31.8 t), modification materials (Angled; 5.7 t) (For reconstruction of aged steel towers for 110-kV Kamihirabara Line)	38	t	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202106	
250	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (73 t), modification materials (6 t) (2 towers; For reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202106	
251	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (390 t), modification materials (3 t) (10 towers; For reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202110	
252	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (Angled; 21.0 t), modification materials (Angled; 0.2 t) (For reconstruction of aged steel towers for 110-kV Kamihirabara Line)	21	t	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202112	
253	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (23 kg; For changing the route of 110-kV Ekiyakita Guy)	23	kg	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202011	202103	
254	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (Angled; 53.4 t), modification materials (Angled; 1.0 t) (For installation of 110-kV Fuchu-Kawasa Solar Line)	55	t	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202011	202106	
255	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (For replacement of overhead grounding conductors for Hiroshima Waterworks Bureau-Koyo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
256	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (67.0 t), modification materials (1.0 t) (For design of 6 steel towers having legs of unequal length; For full-scale inspection of 2 towers; For reconstruction of aged steel towers for 110-kV Shinichi Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202103	202201	
257	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (3 towers), steel tower modification materials (1 tower)	27	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202103	
258	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (2 towers), steel tower modification materials (1 tower)	17	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202011	
259	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (15 towers)	160	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202106	

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284

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260	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower modification materials (For repair of cross arms for Hikari-Suo Line)	300	kg	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202011	Corporate Finance and Procurement Div. (Materials and equipment procurement)
261	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (Angled; 11 towers; For installation of 110-kV Shintokuyama-Nanyo Line (2nd half of year))	320	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202006	212106	
262	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (Angled; 2 towers), modification materials (1 tower) (For installation of 110-kV Yamaguchi Solar Farm Asa Line)	20	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202008	202104	
263	Steel towers, and iron and steel	Steel towers/Steel structures	Modification materials (0.5 t; Including full-scale inspection; 1 tower; For installation of 110-kV Yamaguchi-Shimoosaba Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202010	202102	
264	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower; For installation of transmission lines)	15	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202010	202108	
265	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (4 towers; For reconstruction of aged steel towers for Minamiyamaguchi-Tokuyama Line)	48	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202105	
266	Steel towers, and iron and steel	Steel towers/Steel structures	Outdoor steel structures (3 posts for 110 kV, 4 beams; For line-drawing of 110-kV transmission lines)	1	Set	Nishi-uube Substation	202011	202201	
267	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (Angled; 1 tower), modification materials (For installation of 66-kV Yamaguchi-shi-Sayama Solar Line)	15	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202012	202106	
268	Steel towers, and iron and steel	Steel towers/Steel structures	Grounding plate attached to tower columns (For Kudamatsu Thermal Power Connecting Line and other 3 lines)	633	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202102	202106	
269	Steel towers, and iron and steel	Steel towers/Steel structures	Grounding plate attached to tower columns (For Kudamatsu Thermal Power Optical Line and other 13 lines)	1,467	Piece	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202102	202106	
270	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (30 t), modification materials (0.5 t) (Including full-scale inspection; 1 tower; For installation of 110-kV Asa-Yamakawa Mega Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	202205	
271	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (1 tower), modification materials (1 tower) (Including full-scale inspection; For installation of 110-kV Yamaguchi-Miyano Solar Line)	8	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	-	
272	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (11 towers; For installation of 110-kV Yanai Mega Solar Line (Construction Zone 1))	128	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202109	202209	

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284

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273	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (11 towers; For installation of 110-kV Yanai Mega Solar Line (Construction Zone 2))	125	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202109	202209	Corporate Finance and Procurement Div. (Materials and equipment procurement)
274	Steel towers, and iron and steel	Steel towers/Steel structures	Steel tower materials (7 towers), modification materials (1 tower) (For installation of 110-kV Yanai Mega Solar Line (Construction Zone 3))	80	t	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202109	202209	
275	Poles	Metal columns	Steel pipe assembly column (3 10-m columns spliced together; For installation of 6-kV transmission lines)	1	Piece	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202010	202012	
276	Industrial chemicals and oils/greases	Insulating oil	Insulating oil (For training that builds the skills required to maintain underground transmission lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202009	
277	Vehicles	Generator vehicles	High-voltage generator vehicle (300 kVA; Replacement)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202103	
278	Consumables and misc. items	Furnitures/Tools	Hoisting jig for Toshiba's 550-kV GCB bushings	1	Set	Shin-Okayama Substation	202009	202104	
279	Consumables and misc. items	Printing	Distribution-related computer input form	1	Set	Location specified by Chugoku Electric (Five prefectures of Chugoku Region and Kagawa Pref.)	202006	202009	
280	Consumables and misc. items	Printing	General distribution-related form	1	Set	Location specified by Chugoku Electric (Five prefectures of Chugoku Region and Kagawa Pref.)	202101	202103	
281	Consumables and misc. items	OA equipment/Software	Shoulder case (Model: FZ-VNSM12U), stylus pen (Model: FZ-VNPM12AU), battery pack (Model: FZ-VZSU94JS) (Mobile terminal upgrade)	1,208	Set	Location specified by Chugoku Electric Transmission & Distribution	202012	202106	
282	Consumables and misc. items	OA equipment/Software	AC adapter (Model: CF-AA5713AJS; Mobile terminal upgrade)	853	Piece	Location specified by Chugoku Electric Transmission & Distribution	202012	202106	
283	Consumables and misc. items	OA equipment/Software	4-bay battery charger (Model: FZ-VCBM11U; Mobile terminal upgrade)	853	Piece	Location specified by Chugoku Electric Transmission & Distribution	202012	202106	
284	Consumables and misc. items	OA equipment/Software	Battery pack (Spare) (Model: FZ-VZSU94JS; Mobile terminal upgrade)	2,396	Piece	Location specified by Chugoku Electric Transmission & Distribution	202012	202106	

FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

Wires/cables

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No	Facilities Classification	Item Name	Article Name/Construction Name/Work Task Name	Qty.	Unit	Delivery/Construction/ Implementation Locations	Scheduled Procurement Date	Contract Group (Scheduled)	Contract Group (Scheduled)
1	Wires/Cables	Control cables	Control cable (For expansion of main transformer)	1	Set	Nishi-shimane Substation	202012	202104	Corporate Finance and Procurement Div. (Materials and equipment procurement)
2	Wires/Cables	Control cables	Control cable	1	Set	Shin-Okayama Substation	202010	202102	
3	Wires/Cables	Control cables	Control cable (For replacement of main transformer)	1	Set	Kasaoka Substation	202011	202103	
4	Wires/Cables	Control cables	Control cable (For expansion of main transformer)	1	Set	Sakugi Substation	202004	202008	
5	Wires/Cables	Control cables	Control cable (For reconstruction of main station building)	140,000	m	Nishi-Hirosshima Substation	202012	202107	
6	Wires/Cables	Control cables	Control cable (For installation of new 220-/110-kV Tr)	1	Set	Shin-Yamaguchi Substation	202006	202010	
7	Wires/Cables	22-kV power cable	22-kV cable (60 sq; For supply to Central Eco Park)	1,576	m	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202007	202011	
8	Wires/Cables	22-kV power cable	22-kV CVT cable (200 sq; For installation of Iya-Yawata Line)	500	m	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202008	202012	
9	Wires/Cables	22-kV power cable	22-kV cable (CVTSS 60 sq; For replacement of cables for 22-kV Kubota Line)	100	m	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202305	202309	
10	Wires/Cables	22-kV power cable	22-kV cable (CVTSS 60 sq; Air-insulated termination boxes; For replacement of cables for 22-kV Kubota Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202305	202309	
11	Wires/Cables	22-kV power cable	22-kV CVT cable (400 sq; For replacement of Tr tertiary power cables)	50	m	Mitsu Substation	202004	202010	
12	Wires/Cables	22-kV power cable	22-kV cable (For installation of electric energy meter)	120	m	Shin-Taisyakugawa Power Station	202008	202106	

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13	Wires/Cables	22-kV power cable	22-kV CVT cable (200 sq; 50 m), 22-kV CV cable (60 sq; 50 m), 6-kV CV cable (800 sq; 330 m) (For replacement of distribution transformers)	1	Set	Satosho Substation	202101	202110	Corporate Finance and Procurement Div. (Materials and equipment procurement)
14	Wires/Cables	22-kV power cable	22-kV cable (For replacement of 22-kV switchgear)	50	m	Takahashi Substation	202102	202110	
15	Wires/Cables	22-kV power cable	22-kV underground cable (CVTSS 400 sq; CV 400 sq; CVTSS 60 sq)	1,402	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202008	
16	Wires/Cables	22-kV power cable	22-kV cable (CVSS 200 sq; Including termination box)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202010	
17	Wires/Cables	22-kV power cable	22-kV cable (Cu-CVT 600 sq; With impermeable layer; For maintenance of 22-kV enclosed switchboard)	120	m	Innoshima Substation	202004	202105	
18	Wires/Cables	22-kV power cable	22-kV cable (Cu-CVT 600 sq; Air-insulated indoor termination; For maintenance of 22-kV enclosed switchboard)	1	Set	Innoshima Substation	202004	202105	
19	Wires/Cables	22-kV power cable	22-kV cable (Cu-CVT 400 sq; With impermeable layer; For maintenance of 22-kV enclosed switchboard)	240	m	Innoshima Substation	202004	202105	
20	Wires/Cables	22-kV power cable	22-kV cable (Cu-CVT 400 sq; Air-insulated indoor + outdoor salt-resistant termination; For maintenance of 22-kV enclosed switchboard)	1	Set	Innoshima Substation	202004	202105	
21	Wires/Cables	22-kV power cable	22-kV CVT cable (100 sq; For supply to Yamaguchi University Faculty of Medicine and Health Sciences)	1,000	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	FY2020	202006	
22	Wires/Cables	22-kV power cable	22-kV CVT cable (100 sq; For supply to Yamaguchi University Faculty of Medicine and Health Sciences)	2,000	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	FY2020	202006	
23	Wires/Cables	22-kV power cable	22-kV CVT cable (150 sq/Approximately 600 m; 150 sq/Approximately 600 m; For replacement of 22-kV cables for JR Kyushu-Shimonoseki Line following the introduction of SWG to Hikoshima)	1	Set	Hikoshima Substation	FY2020	202011	
24	Wires/Cables	22-kV power cable	22-kV CVT cable (250 sq/Approximately 285 m; 100 sq/Approximately 672 m; For supply to Nippon Ekitan Corporation)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	FY2020	202103	
25	Wires/Cables	22-kV power cable	22-kV CVT cable (100 sq; For installation of 22-kV Hamakata Solar Line)	2,800	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	FY2020	202103	

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26	Wires/Cables	6-kV power cable	6-kV cable (Including accessories)	1	Set	Tsuno Substation	202004	202011	Corporate Finance and Procurement Div. (Materials and equipment procurement)
27	Wires/Cables	6-kV power cable	6-kV CV cable (800 sq; For replacement of cables drawn from Sakaiminato Substation following switchgear replacement)	810	m	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202009	202103	
28	Wires/Cables	6-kV power cable	6-kV CVT cable (400 sq; For replacement of 6-kV distribution lines between banks)	270	m	Waki Substation	202004	202009	
29	Wires/Cables	6-kV power cable	6-kV power cable (CV-800 sq)	1	Set	Kotoura Substation	202004	202101	
30	Wires/Cables	6-kV power cable	6-kV CVT cable (600 sq; For switchgear replacement)	200	m	Minami-Tsuyama Substation	202009	202111	
31	Wires/Cables	6-kV power cable	6-kV CVT cable (325 sq; For relocation of distribution facilities following the facility relocation of Senoo Trunk Line No. 3, etc.)	524	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202101	202103	
32	Wires/Cables	6-kV power cable	6-kV CVT cable (400 sq; For relocation of distribution facilities following the facility relocation of Senoo Trunk Line No. 3, etc.)	1,026	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202101	202103	
33	Wires/Cables	6-kV power cable	6-kV cable (For bus tie; For replacement of 6-kV switchgear)	1	Set	Funagura Substation	202204	202304	
34	Wires/Cables	6-kV power cable	6-kV underground cable (CVT 400 sq/600 sq)	7,680	m	Mikawa Substation, Naka – Hiroshima Substation	202005	202009	
35	Wires/Cables	6-kV power cable	6-kV underground cable (CVT 325 sq/60 sq; 600 VCVQ 150/250 sq)	3,000	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202009	
36	Wires/Cables	6-kV power cable	6-kV CVT cable (400 sq/1,600 m; 100 sq/1,900 m), 600 V CVQ cable (150/250 sq/1,100 m) (For cables and devices for the multi-service tunnel serving Takeya Line on General National Route 2)	4,600	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202009	
37	Wires/Cables	6-kV power cable	6-kV cable (CVSS 1,000 sq/200 m; CV 1,200 sq/150 m; Cable accessories; For replacement of 6-kV SWG)	350	m	Kohzan Substation	202010	202104	
38	Wires/Cables	6-kV power cable	6-kV cable (CVSS 1,200 sq; For replacement of 6-kV SWG)	360	m	Kurihara Substation	202102	202108	

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39	Wires/Cables	6-kV power cable	6-kV CVT cable (150 sq; Terminal treatment materials; For replacement of 3-kV switchgear)	700	m	Mishima Power Station	202012	202110	
40	Wires/Cables	Power cable/Submarine cable	Submarine cable (CVT 22 sq)	1,011	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	-	
41	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 100 sq; For installation of 66-kV Tottori University Hospital (Yonago) Line No. 2)	400	m	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202104	202110	
42	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 100 sq; 1.39 km; EBA at 1 location; Intermediate junction box at 5 locations; For cable connection following the replacement of CV cables for the Tottori University Hospital (Yonago) Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202104	202210	
43	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 100 sq; EBA at 1 location; Intermediate junction box at 5 locations; For replacement of CV cables for 66-kV Tottori University Hospital (Yonago) Line)	1,390	m	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202202	202208	
44	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS 100 sq; 0.30 km; Installation of 110-kV Sakaiminato Biomass Line No. 1)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202203	202303	
45	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 250 sq; EBA at 2 locations; Intermediate junction box at 6 locations; Replacement of cables for Sharp Yonago Line)	1,560	m	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202504	202508	Corporate Finance and Procurement Div. (Materials and equipment procurement)
46	Wires/Cables	Power cable (Included with works)	110-kV power cable (Terminal: One end immersed in 3-phase gas; The other end immersed in 3-phase oil (installation and adjustment of terminals))	60	m	Sugata Substation	202005	202111	
47	Wires/Cables	Power cable (Included with works)	110-kV power cable (Terminal: One end immersed in 3-phase gas; The other end immersed in 3-phase oil (installation and adjustment of terminals))	60	m	Sugata Substation	202005	202205	
48	Wires/Cables	Power cable (Included with works)	66-kV power cable (Installation of 66-kV bus tie)	1	Set	Nishi-shimane Substation	202101	202203	
49	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 200 sq; 0.18 km x 3 sections; 150-mm bore PFP; Replacement of aged CV cables for Panasonic Matsue Line)	600	m	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202201	202301	
50	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS-Y 400 sq; CVTSS 400 sq; 0.9 km; 1 set of termination junction boxes; 4 sets of intermediate junction boxes, For cable connection following the reinforcement of certain parts of 110-kV Okayama Chemical Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202104	
51	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 80 sq - CVT 100 sq; 1 set of intermediate junction boxes; For cable connection following the replacement of aged CV cables for 66-kV Okayama University Line)	1	Point	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202102	

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52	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVSS-Y 800 sq; 9 sets of air-insulated termination boxes; Accessories; Including connection works; Line-drawing and other works for 66-kV Mitsubishi Materials Naoshima Line)	300	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202103	Corporate Finance and Procurement Div. (Materials and equipment procurement)
53	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVSS-Y 600 sq; 3 sets of air-insulated termination boxes; Accessories; Including connection works; Reinforcement of 66-kV Mitsubishi Metal Naoshima Line)	100	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202103	
54	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 80 sq; Cables; Air-insulated termination boxes; Intermediate junction boxes, etc.; Including connection works; Replacement of aged OF cables for 66-kV Mino Water Treatment Plant Line)	300	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202010	202111	
55	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVT 150 sq; 0.09 km (double-ended EBA); Including accessories; For replacement of aged CV cables for Kamiichi Guy)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202111	
56	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVT 400 sq x 2 sections; 2 sets of air-insulated junction boxes; 2 sets of intermediate junction boxes; Cable connection following the installation of 110-kV Okayama Murata Manufacturing Line)	560	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202104	202211	
57	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 100 sq; 1 set of on-tower air-insulated termination junction boxes; 2 set of intermediate junction boxes; For cable connection following the replacement of aged CV cables for 66-kV Okayama University Line)	400	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202110	202208	
58	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 80 sq; Replacement of aged OF cables for 66-kV Seto Futo Line)	1,250	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202112	202401	
59	Wires/Cables	Power cable (Included with works)	66-kV power cable (3 sets of air-insulated termination junction boxes; 18 sets of intermediate junction boxes; All necessary materials, Replacement of aged OF cables for 66-kV Seto Futo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202112	202401	
60	Wires/Cables	Power cable (Included with works)	66-kV power cable (3 sets of air-insulated termination junction boxes; 18 sets of intermediate junction boxes; Connection of CV cables following the replacement of aged OF cables for 66-kV Seto Futo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202112	202401	
61	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVSS 1,000 sq; 0.16 km (on-tower EBA/6-phase; EBG/6-phase); Including accessories; Replacement of aged CV cables for Takahashi-Ukan Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202210	
62	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 200 sq; 640 m (320 m x 2 cct); 2 sets of GIS termination junction boxes; 2 sets of air-insulated termination boxes; 2 sets of intermediate junction boxes; Accessories; Including connection works; Cable connection following the replacement of aged CV cables for 66-kV Kitatsuyama Guy)	700	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202212	
63	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 80 sq; 1 set of air-insulated termination junction boxes; 1 set of gas-immersed termination junction boxes; Cable connection following the replacement of aged CV cables for 66-kV Kake Educational Institution Line)	150	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202210	202305	
64	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVT 80 sq; 1 set of air-insulated termination boxes; 4 sets of intermediate junction boxes, etc.; Including connection works; Replacement of aged OF cables for 66-kV Okayama University Medical School Line)	900	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202210	202401	

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65	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 150 sq; Replacement of aged CV cables for Shinminato Line)	50	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202304	202312	Corporate Finance and Procurement Div. (Materials and equipment procurement)
66	Wires/Cables	Power cable (Included with works)	66-kV power cable (3 sets of air-insulated termination junction boxes; 3 sets of gas-immersed termination junction boxes; All necessary materials; Replacement of aged CV cables for Shinminato Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202304	202312	
67	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS-Y80; Replacement of aged OF cables for Sanoyas Line)	1,160	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202304	202412	
68	Wires/Cables	Power cable (Included with works)	66-kV power cable (3 sets of air-insulated termination junction boxes; 18 sets of intermediate junction boxes; All necessary materials, Replacement of aged OF cables for Sanoyas Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202304	202412	
69	Wires/Cables	Power cable (Included with works)	660-kV power cable (1.16 km; 3 sets of air-insulated termination junction boxes; 18 sets of intermediate junction boxes; Connection of CV cables following the replacement of aged OF cables for Sanoyas Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202304	202412	
70	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS 200 sq; 4.05 km; 6 sets of air-insulated termination boxes; 26 sets of intermediate junction boxes; Accessories; Including connection works; Cable laying following the undergrounding of 66-kV Konan Line)	9,070	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202305	202410	
71	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 500 sq; 2.4 km; 4 sets of air-insulated termination boxes; 12 sets of intermediate junction boxes; Accessories; Including connection works; Cable laying following the installation of 110-kV Sanbanminami-Okayama Line)	14,400	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202406	202512	
72	Wires/Cables	Power cable (Included with works)	110-kV power cable (1.41 km; CVSS 400 sq/936 m (312 m x 3 sections); CVSS 1,800 sq/3,306 m (1,102 m x 3 sections); 2 sets of gas-immersed termination junction boxes (6-phase); 6 sets of intermediate junction boxes (18-phase); Accessories; Including connection works; Cable connection following the replacement of aged OF cables for	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202406	202603	
73	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 800 mm2; EB-A/12-phase; YJ/12-phase (For change of line-drawing positions))	20	m	Higashi-Hiroshima Substation	202004	202109	
74	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Air-insulated termination junction boxes (porcelain bushing x 1 set, epoxy x 1 set); Replacement of non-impervious CV cables for 22-kV Yokura Line (Construction Zone 1))	2,400	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202109	
75	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Air-insulated termination junction boxes (porcelain bushing x 1 set, epoxy x 1 set); Replacement of non-impervious CV cables for 22-kV Yokura Line (Construction Zone 1))	2,400	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202109	
76	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Air-insulated termination junction boxes (porcelain bushing x 1 set); Replacement of non-impervious CV cables for 22-kV Yokura Line (Construction Zone 2))	2,100	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202109	
77	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Air-insulated termination junction boxes (porcelain bushing x 1 set); Replacement of non-impervious CV cables for 22-kV Yokura Line (Construction Zone 2))	2,100	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202109	

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78	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Air-insulated termination junction boxes (epoxy x 1 set); Replacement of non-impervious CV cables for 22-kV Yokura Line (Construction Zone 3))	1,300	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202109	Corporate Finance and Procurement Div. (Materials and equipment procurement)
79	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Air-insulated termination junction boxes (epoxy x 1 set); Replacement of non-impervious CV cables for 22-kV Yokura Line (Construction Zone 3))	1,300	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202109	
80	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 400 sq; 1.4 km; 4 towers of MH; Assembly of 2 sets of termination junction boxes at 1 location; Assembly of 10 sets of intermediate junction boxes at 5 locations; Including Nishimachi Substation YJ; Cable connection following the installation of 110-kV Nishimachi-Honjo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202207	202403	
81	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS/CVTSS/CVTSS-F 800 sq; 1,090 m; Cables/connection materials/accessories; Installation of 110-kV Seinhiroshima Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202009	202207	
82	Wires/Cables	Power cable (Included with works)	110-kV power cable (For CVSS 1 x 800 sq; Termination boxes; Ordinary connection boxes; Replacement of cables for 110-kV Oshiba Line)	1	Set	Ooshiba Substation	202010	202203	
83	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS 200 sq; 2.87 km; 8 sets of RBJ; 1 set of YJ; 1 set of EB-G; 1 set of EB-GS; Cable connection following the installation of 110-kV Mitsubishi Eba Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202011	202208	
84	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; 13 spans; 3-phase at 11 locations (including YJ); Replacement of cables for 22-kV Kokutajji Line)	2,030	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202212	
85	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 600 sq; EB-G/3-phase; IJ/21-phase; NJ/9-phase; DJ/3-phase; Replacement of cables for 110-kV Oshiba-Nakahiroshima Line)	2,540	m	Ooshiba Substation	202104	202201	
86	Wires/Cables	Power cable (Included with works)	110-kV power cable (CV 1,000 sq; Gas-immersed termination boxes (3-phase); Air-insulated termination junction boxes (3-phase); Including treatment of termination terminals; Replacement of GIS for 110-kV Fukuyama-Zao Line, etc.)	210	m	Fukuyama Substation	202104	202210	
87	Wires/Cables	Power cable (Included with works)	Power cable (CVTSS 150 sq; 156 m; Air-insulated termination junction boxes (2 sets/3-phase); Gas-immersed termination junction boxes (2 sets/3-phase); Replacement of CV cables for Etajima Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202104	202210	
88	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS 400 sq; 0.07 km; 1 set of EB-A; 1 set of EB-GS; Cable connection following the installation of 110-kV Innoshima-Setoda Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202105	202305	
89	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 1; 1.1 km; Conduit lines with 4 spans; 2 sets of JB; 1 set of YJ; 2 sets of EBG; Cable connection following the installation of 110-kV Chuo-Mikawa Line No. 2)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202105	202410	
90	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 800 sq; 2.32 km x 2 cct; 8 sets of straight joints x 2 cct; 1 set of EB-G x 2 cct; Cable connection following the installation of 110-kV transmission lines (Construction Zone 1))	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202105	202411	

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91	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 800 sq; 2.80 km x 2 cct; 8 sets of straight joints x 2 cct; 1 set of EB-G x 2 cct; Cable connection following the installation of 110-kV transmission lines (Construction Zone 2))	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202105	202411	Corporate Finance and Procurement Div. (Materials and equipment procurement)
92	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Triplex-type cross-linked polyethylene insulated vinyl sheath cables (with impermeable layer); Premolded-and-insulated-type indoor termination connectors (fixed type); Insertion-type straight joint boxes (same-diameter connection); Accessories (SP aluminum cleats, etc.); Replacement of CV cables for	250	m	Sakurayama Substation	202106	202210	
93	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVSS 1,000 sq; EB-A (6-phase) as termination boxes (on-tower); EB-A (6-phase) as termination boxes (within SWG); Replacement of cables for 22-kV Kaita Connecting Line)	500	m	Kaita Substation	202108	202302	
94	Wires/Cables	Power cable (Included with works)	110-kV power cable (For increasing pressure to 110 kV)	310	m	Setoda Substation	202110	202303	
95	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 600 sq; EB-A (3-phase); IJ (6-phase); NJ (15-phase); Replacement of cables for 110-kV New Mitsubishi Kannon Line)	1,340	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202204	202304	
96	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 1,000 sq; 1,152 x 2 cct; EB-G (6-phase); IJ (18-phase); NJ (12-phase); Replacement of cables for 110-kV Hikarimachi Line)	1,152	m	Hikarimachi Substation	202204	202304	
97	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 400 sq; 2 sets of termination junction boxes; Other materials; Replacement of cables for 110-kV Nishiroshima-Inokuchi Line)	2,400	m	Nishi – Hiroshima Substation Inokuchi Substation	202204	202312	
98	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 800 sq; 2.90 km x 2 cct; 8 sets of straight joints x 2 cct; 2 sets of EB-G x 2 cct; Cable connection following the installation of 110-kV transmission lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202205	202511	
99	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVT 400 sq; Replacement of 22kV Nakahiroshima-Shirakami Line)	300	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202210	202404	
100	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 600 sq; Replacement of cables for 22-kV Shirakami Line)	300	m	Naka—Hiroshima Substation	202210	202404	
101	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS 250 sq; Change of cable service wires for 22-kV Nakahiroshima-Mikawa Line)	300	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202210	202404	
102	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 800 sq; Change of cable service wires for 6-kV Shirakami High-voltage Connecting Line)	200	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202210	202404	
103	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS 400 sq; 2 sets of termination junction boxes; Other materials; Replacement of cables for 110-kV Nishiroshima-Inokuchi Line)	2,400	m	Nishi – Hiroshima Substation Inokuchi Substation	202304	202412	

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104	Wires/Cables	Power cable (Included with works)	22-kV power cable (CVTSS 325 sq; EB-A (12-phase); Replacement of cables for 22-kV Itsukaichi Line)	40	m	Itsukaichi Substation	202308	202406	Corporate Finance and Procurement Div. (Materials and equipment procurement)
105	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS-Y 100 sq; Ant-protection layer of the Triplex cross-linked polyethylene power cable; With impermeable layer (including 2 junction boxes); EB-A (3-phase); Replacement of aged CV cables for 66-kV Shimano Shimonoseki Line)	600	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202007	202106	
106	Wires/Cables	Power cable (Included with works)	66-kV power cable (Including execution of works on terminals; Additional installation of interconnection transformers)	1	Set	Kawatana Substation	202010	202308	
107	Wires/Cables	Power cable (Included with works)	110-kV power cable (Including terminal treatment materials; Replacement of LS and other items for Fukawa Guy)	1	Set	Fukawa Substation	202101	202110	
108	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS-Y 200 sq; 2 sets of EB-A; Replacement of CV cables that do not have impermeable layers for 110-kV Osaba Guy No. 1)	300	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202108	-	
109	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS-Y 80 sq; 3 sets of intermediate junction boxes; 2 sets of air-insulated termination junction boxes; Replacement of aged OF cables for 66-kV Hodogaya Chemical Line)	1,000	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202112	202305	
110	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS 400 sq; PFP 250; 6 towers of MH; Installation of 110-kV transmission lines (Construction Zone 1 for connection))	2	km	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202208	202403	
111	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVTSS 400 sq; PFP 250; 6 towers of MH; Installation of 110-kV transmission lines (Construction Zone 2 for connection))	2	km	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202208	202403	
112	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS-Y 80 sq; 3 sets of EB-A; 1 set of EB-G; 3 sets of RBJ-NJ; Including cable connection; Replacement of CV cables for 66-kV Nippon Steel Welding & Engineering Line)	910	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202209	202403	
113	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVSS-Y 150 sq; 1,800 m x 2 sections; 14 sets of intermediate junction boxes; 4 sets of air-insulated termination junction boxes; Installation of 66-kV transmission line cables)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202211	202506	
114	Wires/Cables	Power cable (Included with works)	110-kV power cable (CVSS-Y 1,000 sq; 4,000 m x 3 sections; 15 sets of intermediate junction boxes; 1 set of termination junction boxes; Replacement of cables for 110-kV Nippon Steel Stainless Steel Shunan Line)	12,000	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202301	202607	
115	Wires/Cables	Power cable (Included with works)	66-kV power cable (CVTSS-Y 400 sq; 325 m x 2 sections; 2 sets of intermediate junction boxes; 4 sets of air-insulated termination junction boxes; Replacement of aged CV cables for 66-kV Yamaguchi-Omine Line)	650	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202304	202503	
116	Wires/Cables	Power cable: Other (MM, special type cable, etc.)	110-kV mobile cable (100 sq; 45 m3; Including racks, accessories, etc.; Replacement)	1	Set	Tottori Substation	202009	202103	

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117	Wires/Cables	Power cable: Other (MM, special type cable, etc.)	110-kV mobile cable (100 sq; 45 m3; Including racks, accessories, etc.; Replacement)	1	Set	Kurayoshi Substation	202009	202103	Corporate Finance and Procurement Div. (Materials and equipment procurement)
118	Wires/Cables	Power cable: Other (MM, special type cable, etc.)	6-kV CV cable (200 sq; For replacement of SWG)	120	m	Kita – Tsuyama Substation	202005	202107	
119	Wires/Cables	Power cable: Other (MM, special type cable, etc.)	66-kV mobile power cable (CV-Cu 100 sq)	1	Set	Minami–Iwakuni Substation	202005	202012	
120	Wires/Cables	Naked aluminum wire (410 sq or more)	TAL (2,500 sq; 1,600 sq; 1,260 sq; 660 sq; For upgrading 500-/220-kV bus to 4-bus tie)	1	Set	Shin-Okayama Substation	202103	202110	
121	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC (160 sq/27,600 m; AC 70 sq/500 m)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202005	202011	
122	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 240 sq (19,000 m), OPAC 70 sq (24 cores; 3,100 m) (For reconstruction of aged steel towers for 110-kV Tottori Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202103	202106	
123	Wires/Cables	Naked aluminum wire (410 sq or less)	TACSR/AC 160 sq (33,000 m), OPAC 70 sq (5,500 m), AC 70 sq (1,500 m) (For reconstruction (reinforcement) of aged steel towers for 110-kV Akatsuka Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202102	
124	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 160 sq (300 m), AC 70 sq (100 m) (For installation of 66-kV Worldtech Solar Park Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202009	
125	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR (AC 330 mm2)	9,000	m	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202011	
126	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 160 sq (For replacement of cables and modification of steel towers for Chiimiya-Oda Line)	12,000	m	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202103	202108	
127	Wires/Cables	Naked aluminum wire (410 sq or less)	TA/AC (330 sq)	6,900	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
128	Wires/Cables	Naked aluminum wire (410 sq or less)	AC 70 sq (For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	1,100	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
129	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 160 sq (480 m), AC 70 sq (160 m) (For installation of 110-kV Mimasaka CC Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202009	

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130	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 120 sq (1,860 m; For replacement of cables for 110-kV Hibi Kyodo Smelting Line (1st half of year))	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
131	Wires/Cables	Naked aluminum wire (410 sq or less)	TACSR/AC 330 sq (6,500 m), ACSR/AC 160 sq (6,800 m), AC 70 sq (3,300 m) (For installation of 110-kV Aidahikari Solar Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202012	
132	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 160 sq (For replacement of cables for 66-kV Hanshin Yosetsu Kizai Line)	1,400	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
133	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 160 sq (900 m), AC 70 sq (300 m) (For installation of 66-kV Ichijo Mega Solar Okayama-Bizen Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
134	Wires/Cables	Naked aluminum wire (410 sq or less)	ACSR/AC 160 sq (5,000 m), AC 70 sq (100 m) (For reinforcement of certain parts of 110-kV Okayama Chemical Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202012	
135	Wires/Cables	Naked aluminum wire (410 sq or less)	12 bypass devices (For TACSR 410; For compression clamp repair, including line-drawing and other works, for 110-kV Higashiokayama-Saidaiji Line (1st half of year))	12	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202011	
136	Wires/Cables	Naked aluminum wire (410 sq or less)	TA/AC 330 sq (For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	14,190	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202203	
137	Wires/Cables	Naked aluminum wire (410 sq or less)	AC 70 sq (For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	2,300	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202203	
138	Wires/Cables	Naked aluminum wire (410 sq or less)	TAL 400 sq (For replacement of potential transformers)	100	m	Mizushima Power Station	202104	202111	
139	Wires/Cables	Naked aluminum wire (410 sq or less)	AC 70 sq (For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	2,520	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202105	202202	
140	Wires/Cables	Naked aluminum wire (410 sq or less)	12 bypass devices (For TACSR 410; For compression clamp repair, including line-drawing and other works, for 110-kV Higashiokayama-Saidaiji Line (2nd half of year))	12	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202108	202110	
141	Wires/Cables	Naked aluminum wire (410 sq or less)	TA 260 sq (For installation of additional steel towers for 110-kV Yubara-Kurayoshi Line)	150	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202207	
142	Wires/Cables	Naked aluminum wire (410 sq or less)	TAL 150 sq (For replacement of disconnecting switches for transformers used to start up Unit 2)	200	m	Mizushima Power Station	202203	202209	

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232

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143	Wires/Cables	Naked aluminum wire (410 sq or less)	TAL 150 sq (For replacement of potential transformers)	100	m	Mizushima Power Station	202206	202303	Corporate Finance and Procurement Div. (Materials and equipment procurement)
144	Wires/Cables	Naked aluminum wire (410 sq or less)	Branch adapter sleeve (For ACSR 160 sq/AC 70 sq; 0.1 km; For installation of 66-kV Hanwha SP Tojo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202011	
145	Wires/Cables	Naked aluminum wire (410 sq or less)	Insulator (For ACSR 160 sq/AC 70 sq; 0.1 km; For installation of 66-kV Hanwha SP Tojo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202011	
146	Wires/Cables	Naked aluminum wire (410 sq or less)	Cable (ACSR 160; AC 70; 0.1 km; For installation of 66-kV Hanwha SP Tojo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202011	
147	Wires/Cables	Naked aluminum wire (410 sq or less)	Grounding conductor (ACSR 160; AC 70; 0.1 km; For installation of 66-kV Hanwha SP Tojo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202011	
148	Wires/Cables	Naked aluminum wire (410 sq or less)	TASCR/AC 330 sq (For replacement of cables for 110-kV Nishihiroshima Line due to defects in compressed straight sleeves)	800	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202010	
149	Wires/Cables	Naked aluminum wire (410 sq or less)	AC 38 sq (For 22-kV Kurisu Line; Including modification of steel towers)	1	k m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202010	
150	Wires/Cables	Naked aluminum wire (410 sq or less)	TA/AC 330 sq (For reconstruction of aged steel towers for 110-kV Fukuyama Connecting Line)	21,046	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202008	202103	
151	Wires/Cables	Naked aluminum wire (410 sq or less)	AC 38 sq (For 66-kV Mishima Paper Line; Including modification of steel towers)	1	k m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202105	
152	Wires/Cables	Naked aluminum wire (410 sq or less)	TA/AC 240 sq (For reconstruction of aged steel towers for 110-kV Kamihirabara Line)	13,500	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202108	
153	Wires/Cables	Naked aluminum wire (410 sq or less)	TACSR/AC 410 sq (For reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	66,210	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
154	Wires/Cables	Naked aluminum wire (410 sq or less)	AC 150 sq (For reconstruction of aged steel towers for 220-kV Sanin Trunk Line)	5,420	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
155	Wires/Cables	Naked aluminum wire (410 sq or less)	TACSR/AC (330 mm2 x 2 conductors/16,440 m)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202101	

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156	Wires/Cables	Composite overhead ground wire with optical fiber	OPAC 70 sq (For installation of additional steel towers for 110-kV Yubara-Kurayoshi Line)	752	m	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202207	Corporate Finance and Procurement Div. (Materials and equipment procurement)
157	Wires/Cables	Composite overhead ground wire with optical fiber	OPAC 70 sq (For reconstruction of aged steel towers for no. 36-46 of 110-kV Fukuyama Connecting Line)	1,627	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202008	202103	
158	Wires/Cables	Composite overhead ground wire with optical fiber	OPAC 170 sq (For reconstruction of aged steel towers for no. 351-364 of 220-kV Sanin Trunk Line)	5,630	m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
159	Wires/Cables	Composite overhead ground wire with optical fiber	OPAC 70 sq (SM 24 cores; For replacement of OPGW for 110-kV Nishishimonoseki Line)	2,750	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202011	
160	Wires/Cables	Composite overhead ground wire with optical fiber	OPAC 70 sq (SM 24; 850 m; For reconstruction of aged steel towers for 110-kV Nishiube Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202101	
161	Wires/Cables	Composite overhead ground wire with optical fiber	OPAC 70 sq (SM 24; For reconstruction of aged steel towers for 110-kV Minamiyamaguchi-Tokuyama Line)	2,000	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202105	
162	Wires/Cables	Naked aluminum wire (410 sq or less)	TACSR/AC 410 sq (For installation of 110-kV Shintokuyama-Nanyo Line (2nd half of year))	70,800	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202007	202108	
163	Wires/Cables	Naked aluminum wire (410 sq or less)	TACSR/AC 240 sq (For reconstruction of aged steel towers for 110-kV Minamiyamaguchi-Tokuyama Line)	11,400	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202105	
164	Wires/Cables	Conductor fittings	SL-AC 70 sq (1,350 m; For replacement of overhead grounding conductors for Hiroshima Waterworks Bureau-Koyo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202101	202110	
165	Wires/Cables	Conductor fittings	AC 38 sq (For replacement of GSW 38 for 22-kV Kurisu Line)	1	k m	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202106	202110	
166	Wires/Cables	Invar wire	XTACIR 85 sq (6,300 m; For reinforcement of certain parts of 66-kV Takebe Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
167	Wires/Cables	Invar wire	XTACIR 600 sq (For reinforcement of thermal power lines following the installation of 110-kV Shimonoseki Connecting Line) (Term I)	5,800	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202101	202109	
168	Wires/Cables	Invar wire	XTACIR 400 sq (For reinforcement of Yanai thermal power lines (1L) following the installation of 110-kV Yanai Mega Solar Line)	7,200	m	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	202109	

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169	Wires/Cables	Conductor fittings	Double torsional damper (For repair of cables for Shintottori Line)	72	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202102	202105	Corporate Finance and Procurement Div. (Materials and equipment procurement)
170	Wires/Cables	Conductor fittings	Christmas tree-shaped damper (For repair of cables for Shintottori Line)	8	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202102	202105	
171	Wires/Cables	Conductor fittings	Torsion preventing damper (For XTACIR 200; Snow accretion prevention measures for Yasugi-Yonago Line, etc.)	24	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202104	202110	
172	Wires/Cables	Conductor fittings	Torsion preventing damper (For TACSR/AW 80; Snow accretion prevention measures for Yasugi-Yonago Line, etc.)	12	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202104	202110	
173	Wires/Cables	Conductor fittings	Torsion preventing damper (For OPAC 70; Snow accretion prevention measures for Yasugi-Yonago Line, etc.)	5	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202104	202110	
174	Wires/Cables	Conductor fittings	Torsion preventing damper (For AC/AN 45; Snow accretion prevention measures for Yasugi-Yonago Line, etc.)	5	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202104	202110	
175	Wires/Cables	Conductor fittings	Vibration eliminating damper No. 4 (For replacement of GW dampers for Nichinan Line)	48	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202107	202110	
176	Wires/Cables	Conductor fittings	Christmas tree-shaped damper (2 loops/For AS 100; Repair of GW dampers for Hino Trunk Line, etc.)	26	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202109	202111	
177	Wires/Cables	Conductor fittings	Double torsional damper (For repair of cables for Shintottori Line)	64	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202202	202205	
178	Wires/Cables	Conductor fittings	Christmas tree-shaped damper (For repair of cables for Shintottori Line)	8	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202202	202205	
179	Wires/Cables	Conductor fittings	22-kV power cable (3,200 sq), Terminal (For replacement of Tr tertiary 22-kV power cables)	1	Set	Masuda Substation	202104	202111	
180	Wires/Cables	Conductor fittings	Boltless line spacer, jumper spacer (For double conductors)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
181	Wires/Cables	Conductor fittings	Torsional damper for double conductors (THD-14; For replacement of spacers for Shinkurashiki-Tamashima Line and another line)	204	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	

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182	Wires/Cables	Conductor fittings	Clamp (Tension equipment MBT-10527C; Suspension equipment FS8042AC; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	36	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	Corporate Finance and Procurement Div. (Materials and equipment procurement)
183	Wires/Cables	Conductor fittings	Damper (SP-DTD-14; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	72	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
184	Wires/Cables	Conductor fittings	Vibration eliminating damper (For AS 100 sq; VS-8; For replacement of dampers on overhead grounding conductors for 500-kV Shinokayama Trunk Line, etc.)	112	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202008	
185	Wires/Cables	Conductor fittings	Conductor fittings (Clamps, etc; For replacement of main transformer)	1	Set	Kasaoka Substation	202005	202012	
186	Wires/Cables	Conductor fittings	Conductor fittings (Spacers; For replacement of main transformer)	1	Set	Kasaoka Substation	202005	202012	
187	Wires/Cables	Conductor fittings	Compression terminal, 600-V insulated cables, Mirarex corrugated hard synthetic resin conduits, etc. (For repair and other works for LA grounding conductors for 66-kV Tonosho Line and other two lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202009	
188	Wires/Cables	Conductor fittings	Wedge-shaped anchor clamp (MBT-10527C; For replacement of aerial line hardware for Tamashima Connecting Line)	60	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
189	Wires/Cables	Conductor fittings	Double torsional damper (DTD-14; For replacement of aerial line hardware for Tamashima Connecting Line)	60	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
190	Wires/Cables	Conductor fittings	Vibration eliminating damper No. 4 (For replacement of aerial line hardware for Tamashima Connecting Line)	11	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
191	Wires/Cables	Conductor fittings	Wedge-shaped anchor clamp (MBT-7020; For replacement of aerial line hardware for JR-WEST Kasaoka Line)	30	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
192	Wires/Cables	Conductor fittings	Double torsional damper (DTD-10; For replacement of aerial line hardware for JR-WEST Kasaoka Line)	24	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
193	Wires/Cables	Conductor fittings	Wedge-shaped clamp (MBT-7020; 9 clamps), reverse compression clamp (For ACSR 160; 3 clamps) (For installation of 66-kV Ichijo Mega Solar Okayama-Bizen Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202012	
194	Wires/Cables	Conductor fittings	Damper, spacer (For replacement of conductor fittings for 110-kV Saidaiji Line and another line)	15	Span	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202010	

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195	Wires/Cables	Conductor fittings	Compressed straight sleeve (For 110-kV Saidaiji-Minato Line; Repair)	10	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
196	Wires/Cables	Conductor fittings	Damper, spacer (For replacement of conductor fittings for 110-kV Shinkurashiki-Okayama Line)	2	Span	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202010	
197	Wires/Cables	Conductor fittings	MBT clamp (MBT-13530C; For replacement of aerial line hardware and other works for Tamashima-Kasaoka Line)	72	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202011	
198	Wires/Cables	Conductor fittings	Wedge-shaped anchor clamp (MBT-7020; 39 clamps), tension clamp (TN-4522AC; 6 clamps), SP-style T-branch clamp (For ACSR 160; 6 clamps) (For reinforcement of certain parts of 110-kV Okayama Chemical Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202008	202012	
199	Wires/Cables	Conductor fittings	Conductor fittings (clamps, etc.)	1	Set	Shin-Okayama Substation	202008	202102	
200	Wires/Cables	Conductor fittings	Conductor fittings (spacers)	1	Set	Shin-Okayama Substation	202008	202102	
201	Wires/Cables	Conductor fittings	MBT clamp, straight sleeve, JP sleeve (For repair of compressed straight sleeves for Tamashima-Kasaoka Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202012	
202	Wires/Cables	Conductor fittings	MBT clamp, straight sleeve, JP sleeve, armor rod for suspension equipment (For repair of compressed straight sleeves for Tamano Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202012	
203	Wires/Cables	Conductor fittings	Damper, spacer (For replacement of conductor fittings for 110-kV Shinkurashiki-Okayama Line)	7	Span	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202012	
204	Wires/Cables	Conductor fittings	MBT clamp, straight sleeve, JP sleeve (For repair of compressed straight sleeves for Soja Guy, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202010	202101	
205	Wires/Cables	Conductor fittings	Clamp (Tension equipment MBT-10527C; Suspension equipment FS8042AC; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line Line)	66	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202203	
206	Wires/Cables	Conductor fittings	Damper (SP-DTD-14; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	72	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202012	202203	
207	Wires/Cables	Conductor fittings	Compressed straight sleeve (For installation of bypass devices for 110-kV Minato-Minamiokayama Line; Repair)	6	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202101	202103	

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208	Wires/Cables	Conductor fittings	Spacer, damper (For replacement of conductor fittings for 110-kV Okayama Connecting Line)	6	Span	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202101	202104	Corporate Finance and Procurement Div. (Materials and equipment procurement)
209	Wires/Cables	Conductor fittings	MBT clamp, bundled pre-formed armor rod, vibration eliminating damper (For replacement of hardware for Mizushima-Tamano Line and another line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202102	202105	
210	Wires/Cables	Conductor fittings	MBT clamp, bundled pre-formed armor rod (For replacement of hardware for Tamashima-Kasaoka Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202102	202105	
211	Wires/Cables	Conductor fittings	Compressed straight sleeve (For 220-kV Okayama Trunk Line; Repair)	6	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	202105	
212	Wires/Cables	Conductor fittings	Conductor fittings (Spacers; Clamps, etc.; For upgrading 500-/220-kV bus to 4-bus tie)	1	Set	Shin-Okayama Substation	202103	202110	
213	Wires/Cables	Conductor fittings	Conductor fittings (clamps, spacers, etc.)	1	Set	Higashi – Okayama Substation	202103	202110	
214	Wires/Cables	Conductor fittings	Clamp (MBT-10527C; For replacement of insulators and other works for 66-kV Tsuyama Connecting Line)	84	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202104	202109	
215	Wires/Cables	Conductor fittings	Clamp (FS-8042AC; For replacement of insulators and other works for 66-kV Tsuyama Connecting Line)	12	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202104	202109	
216	Wires/Cables	Conductor fittings	Double torsional damper (SP-DTD-14; For replacement of insulators and other works for 66-kV Tsuyama Connecting Line)	168	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202104	202109	
217	Wires/Cables	Conductor fittings	Vibration eliminating damper (For AS 100 sq; VS-8; For replacement of dampers on overhead grounding conductors for 500-kV Hino Trunk Line, etc.)	116	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202105	202108	
218	Wires/Cables	Conductor fittings	Clamp (Tension equipment MBT-10527C; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	66	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202105	202202	
219	Wires/Cables	Conductor fittings	Damper (SP-DTD-14; For reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	72	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202105	202202	
220	Wires/Cables	Conductor fittings	Damper (SP-XD; 2 loops; For reconstruction of aged steel towers for 110-kV Yuji-Okayama Line)	24	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202105	202202	

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221	Wires/Cables	Conductor fittings	Jumper sleeve (For switching jumpers for Mitsu-Nishiokayama Line following the painting of the supporting structures of 110-kV Tsukura Line)	3	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202106	202108	Corporate Finance and Procurement Div. (Materials and equipment procurement)
222	Wires/Cables	Conductor fittings	Compression terminal, 600-V insulated cables, Mirarex corrugated hard synthetic resin conduits, etc. (For repair of LA grounding conductors for 66-kV Tonosho Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202111	202201	
223	Wires/Cables	Conductor fittings	Clamp (For tension equipment TACSR 260 sq; For installation of additional steel towers for 110-kV Yubara-Kurayoshi Line)	12	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202207	
224	Wires/Cables	Conductor fittings	Damper (SP-DTDT; For ACSR 260 sq; For installation of additional steel towers for 110-kV Yubara-Kurayoshi Line)	12	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202207	
225	Wires/Cables	Conductor fittings	Damper (SP-XD; 2 loops; For TACSR 260 sq; For installation of additional steel towers for 110-kV Yubara-Kurayoshi Line)	12	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202201	202207	
226	Wires/Cables	Conductor fittings	Conductor fittings (Clamps, etc.; For expansion of main transformer)	1	Set	Sakugi Substation	202004	202008	
227	Wires/Cables	Conductor fittings	Conductor fittings (HDCC 100 → XTACIR 90; For reinforcement of certain parts of 66-kV Shobara-Tojo Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202010	
228	Wires/Cables	Conductor fittings	Tension clamp (For ACSR 160 sq; MAT-7020; For replacement of cables for 110-kV Nabarakita Line (training line))	6	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202011	
229	Wires/Cables	Conductor fittings	Tension clamp (For ACSR 160 sq; MBT-7020; For replacement of cables for 110-kV Nabarakita Line (training line))	6	Piece	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202011	
230	Wires/Cables	Conductor fittings	For TACSR 410 (MBT clamp x 264; Torsional damper for double conductors x 144; Christmas tree damper for 2 loops x 288; Line spacer x 768; Jumper spacer x 264; Armor rod for suspension equipment x 24; Jumper sleeve x 48), for TACSR 610 (MBT clamp x 6; Double torsional damper x 2), jumper sleeve x 12 (For reconstruction of	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
231	Wires/Cables	Conductor fittings	For OPAC 170 (Christmas tree damper for 2 loops x 10; Christmas tree damper for 3 loops x 12; Armor rod for suspension equipment x 2 sets), for AC 150 (Christmas tree damper for 2 loops x 18; Christmas tree damper for 3 loops x 4; Armor rod for suspension equipment x 2 sets; Terminal cap x 9; For reconstruction of aged steel	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
232	Wires/Cables	Conductor fittings	Conductor fittings (MAT clamps for TACSR 330; Boltless spacers for TACSR 330; HTD for TACSR 330; XD for OPAC 70)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202101	

FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

Transmission equipment

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1	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 25 kA)	1	Unit	Kurayoshi Substation	202004	202105	Corporate Finance and Procurement Div. (Materials and equipment procurement)
2	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 25 kA)	1	Unit	Kurayoshi Substation	202004	202105	
3	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA)	1	Unit	Kuzumo Substation	202004	202106	
4	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA)	1	Unit	Sakaiminato Substation	202004	202110	
5	Switchgear	Gas circuit breaker	240-kV gas circuit breaker (4,000 A; 50 kA; For replacement of 220-kV bus tie CB)	1	Unit	Matanogawa Power Station	202006	202110	
6	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA; 110 kV)	1	Unit	Sakaiminato Substation	202010	202209	
7	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA; For replacement of Tr primary CB)	1	Unit	Kuzumo Substation	202012	202204	
8	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA)	1	Unit	Kurayoshi Substation	202012	202205	
9	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (3,000 A; 31.5 kA; For 110-kV bus tie CB)	1	Unit	Shin—Tottori Substation	202012	202209	
10	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA; For replacement of Tr primary CB)	1	Unit	Kurosaka Power Station	202101	202205	
11	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA; For replacement of Tr primary CB)	1	Unit	Tjima Substation	202101	202205	
12	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 31.5kA; 110 kV)	1	Unit	Shin-Tottori Substation	202106	202209	

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13	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 31.5kA; 110 kV)	1	Unit	Hino Substation	202106	202209	Corporate Finance and Procurement Div. (Materials and equipment procurement)
14	Switchgear	Gas circuit breaker	Accumulators and electrical component repair parts (manufactured by Fuji Electric) for 110-kV gas circuit breaker	1	Set	Naoe Substation	202004	202010	
15	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA)	2	Unit	Matsue Substation	202004	202206	
16	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 25 kA; 0.06 mg/cm2)	1	Unit	Chiimiya Substation	202005	202106	
17	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA; For replacement of primary circuit breaker for 66-kV distribution transformer)	1	Unit	Yunotsu Substation	202007	202110	
18	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA; For replacement of Tr primary CB)	1	Set	Yasugi Substation	202008	202110	
19	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 12.5 kA; For replacement of 66-kV CB)	1	Unit	Higashi-Masuda Substation	202008	202202	
20	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 25 kA; 66 kV)	1	Unit	Kisuki Substation	202009	202110	
21	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 12.5 kA; For replacement of 66-kV CB)	1	Unit	Higashi-Masuda Substation	202101	202302	
22	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (1,200 A; 31.5 kA; For replacement of 66-kV Tr CB)	1	Unit	Kita-Matsue Substation	202104	202206	
23	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 25 kA; 66 kV)	1	Unit	Tsuda Substation	202104	202209	
24	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 40 kA)	1	Unit	Okayama Substation	202004	202112	
25	Switchgear	Gas circuit breaker	240-kV gas circuit breaker (2,000 A; 40 kA)	1	Unit	Okayama Substation	202004	202112	

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26	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (1,200 A; 25 kA)	1	Unit	Okayama Substation	202004	202112	Corporate Finance and Procurement Div. (Materials and equipment procurement)
27	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (20 kA; 0.01 mg/cm ²)	2	Unit	Tahara Power Station	202005	202106	
28	Switchgear	Gas circuit breaker	240-kV gas circuit breaker (4,000 A; 50 kA; For replacement of CB)	1	Unit	Shin-Okayama Substation	202006	202111	
29	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 12.5 kA)	1	Unit	Tsuyama Substation	202009	202111	
30	Switchgear	Gas circuit breaker	550-kV gas circuit breaker (6,000 A; 50 kA; For upgrading 500-/220-kV bus to 4-bus tie)	3	Unit	Shin-Okayama Substation	202009	202203	
31	Switchgear	Gas circuit breaker	220-kV gas circuit breaker (4,000 A; 63 kA; For upgrading 500-/220-kV bus to 4-bus tie)	3	Unit	Shin-Okayama Substation	202009	202203	
32	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 40 kA; For replacement of primary CB and other items of distribution transformer)	1	Unit	Okayama Substation	202012	202205	
33	Switchgear	Gas circuit breaker	BCT for gas circuit breaker (x 6; Rated current transformation ratio = 3,000/5 A; Rated burden = 100 VA; For replacement and repair of current transformers for the measuring instruments of bus tie circuit breakers)	1	Set	Mizushima Power Station	202008	202105	
34	Switchgear	Gas circuit breaker	120 kV gas circuit breaker (2,000 A; 31.5 kA; For additional installation of Tr and other works)	1	Unit	Minami-Tsuyama Substation	202103	202310	
35	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 31.5 kA)	2	Unit	Saidaizi Substation	202103	202311	
36	Switchgear	Gas circuit breaker	BCT for gas circuit breaker (x 3; Rated current transformation ratio = 2000/5 A; Rated burden = 100 VA)	1	Set	Mizushima Power Station	202112	202208	
37	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA)	1	Unit	Numakuma Substation	202004	202111	
38	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 31.5 kA; For replacement of 110-kV bus tie CB)	1	Unit	Yaguchi Substation	202006	202109	

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39	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (3,000 A; 40 kA; For replacement of 110-kV CB)	1	Unit	Higashi-Hiroshima Substation	202006	202204	Corporate Finance and Procurement Div. (Materials and equipment procurement)
40	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 40 kA; For replacement of 110-kV CB)	1	Unit	Higashi-Hiroshima Substation	202006	202204	
41	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 40 kA; For replacement of 110-kV CB)	1	Unit	Higashi-Hiroshima Substation	202006	202204	
42	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 40 kA; For replacement of 110-kV CB)	1	Unit	Higashi-Hiroshima Substation	202006	202204	
43	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 40 kA; For replacement of 110-kV Tr primary CB)	1	Unit	Higashi-Hiroshima Substation	202006	202204	
44	Switchgear	Gas circuit breaker	240-kV gas circuit breaker (4,000 A; 63 kA; For replacement of 220-kV Tr secondary CB)	1	Unit	Shin-Hiroshima Substation	202006	202205	
45	Switchgear	Gas circuit breaker	240-kV gas circuit breaker (4,000 A; 63 kA; For replacement of 220-kV Tr secondary CB)	1	Unit	Shin-Hiroshima Substation	202006	202206	
46	Switchgear	Gas circuit breaker	240-kV gas circuit breaker (4,000 A; 31.5 kA; For replacement of 220-kV CB)	1	Unit	Kurose Substation	202007	202111	
47	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA; For replacement of 110-kV CB)	1	Unit	Mihara Substation	202009	202111	
48	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA; For replacement of Tr primary CB)	1	Unit	Mihara Substation	202009	202111	
49	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 25 kA; For replacement of 110-kV circuit breaker)	1	Unit	Yoshida Substation	202011	202207	
50	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (3,000 A; 31.5 kA; For replacement of CB)	2	Unit	Kure Substation	202012	202211	
51	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (3,000 A; 31.5 kA; For replacement of 110-kV CB)	2	Unit	Kurose Substation	202012	202211	

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52	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (3,000 A; 31.5 kA; For replacement of CB)	1	Unit	Kure Substation	202012	202211	Corporate Finance and Procurement Div. (Materials and equipment procurement)
53	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA; Salt resistance = 0.03; For lines)	1	Unit	Takibe Substation	202004	202104	
54	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 31.5 kA)	1	Unit	Onoda Substation	202007	202107	
55	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 31.5 kA; Replacement of CB)	2	Unit	Onoda Substation	202007	202110	
56	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 31.5 kA; For replacement of Tr primary CB, etc., for interconnection)	1	Unit	Shimonoseki Substation	202007	202203	
57	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA; For replacement of 66-kV CB)	1	Unit	Hikari Substation	202008	202112	
58	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 40 kA; For replacement of CB, etc.)	2	Unit	Ube Substation	202009	202304	
59	Switchgear	Gas circuit breaker	240-kV gas circuit breaker (4,000 A; 50 kA; For replacement of 220-kV CB, etc.)	1	Unit	Shin – Tokuyama Substation	202011	202206	
60	Switchgear	Gas circuit breaker	24-kV gas circuit breaker	1	Unit	Fkue Substation	202012	202112	
61	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (1,200 A; 31.5 kA; For replacement of CB)	1	Unit	Sano Substation	202101	202203	
62	Switchgear	Gas circuit breaker	72-kV gas circuit breaker (800 A; 20 kA; For replacement of 66-kV CB)	1	Unit	Ogori Substation	202101	202204	
63	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 20 kA; For replacement of 110-kV CB, etc.)	1	Unit	Iwakuni Substation	202103	202210	
64	Switchgear	Gas circuit breaker	120-kV gas circuit breaker (2,000 A; 20 kA; For replacement of 110-kV CB, etc.)	1	Unit	Iwakuni Substation	202103	202210	

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65	Switchgear	Gas circuit breaker (Repair/Inspection)	Hydraulically operated cylinder (For repair of hydraulic cylinder for 110-kV bus tie CB)	1	Set	Kurashiki Substation	202102	202203	Corporate Finance and Procurement Div. (Materials and equipment procurement)
66	Switchgear	Gas circuit breaker (Repair/Inspection)	Hydraulically operated cylinder (For repair of hydraulic cylinder for 110-kV Tr primary CB)	1	Set	Kurashiki Substation	202102	202203	
67	Switchgear	Gas insulated switchgear (GIS)	120-kV gas insulated switchgear (1 line unit; 1 Tr unit)	1	Set	Sugata Substation	202004	202110	
68	Switchgear	Gas insulated switchgear (GIS)	120-kV gas insulated switchgear (1 line unit; 1 Tr unit; 1 BTS unit)	1	Set	Sugata Substation	202004	202204	
69	Switchgear	Gas insulated switchgear (GIS)	72-kV gas insulated switchgear (66-kV bus tie CB + LS; Power cable holding device + main pipe; For installation)	2	Unit	Nishi – Shimane Substation	202008	202203	
70	Switchgear	Gas insulated switchgear (GIS)	Repair parts for oil tanks, etc. (For locations where oil is leaking)	1	Set	Tsurumi Substation	202004	202009	
71	Switchgear	Gas insulated switchgear (GIS)	110-kV gas insulated switchgear (LS + CB)	1	Unit	Ootagawa Power Station	202005	202112	
72	Switchgear	Gas insulated switchgear (GIS)	120-kV gas insulated switchgear (1,200 A; 25 kA; For replacement of 110-kV GIS)	2	Unit	Fukuyama Substation	202104	202210	
73	Switchgear	Gas insulated switchgear (GIS)	120-kV gas insulated switchgear (1,200 A; 40 kA; LA; LPT; LLS/LE; CB; Air-insulated Bg x 2; For line-drawing of 110-kV transmission lines)	1	Set	Nishi – Ube Substation	202007	202202	
74	Switchgear	Gas insulated switchgear (GIS)	120-kV gas insulated switchgear (3,000 A; 31.5 kA; Installation of disconnecting switches for A and B x 3; Bus tie CB; Installation of disconnecting switches for A and B x 1; Bus connection Bg for A and B x 2; For replacement of CB, etc.)	1	Set	Shimonoseki Substation	202007	202203	
75	Switchgear	Gas insulated switchgear GIS (Repair/Inspection)	Electrical components for GIS (GCB, DS, ES, LA)	1	Set	Kokufuichiba Substation	202006	202012	
76	Switchgear	Gas insulated switchgear GIS (Repair/Inspection)	Electrical components for GIS (GCB, DS, ES, LA)	1	Set	Tomiyoshi Substation	202006	202012	
77	Switchgear	Gas Composite Switchgear (GCS)	120-kV gas composite switchgear (1,200 A; 25 kA)	2	Unit	Ubaradaini Power Station	202005	202205	

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78	Switchgear	Vacuum circuit breaker	72-kV VCB (800 A; 20 kA; For replacement of 66-kV CB No. 1)	1	Unit	Kurahashi Substation	202009	202204	Corporate Finance and Procurement Div. (Materials and equipment procurement)
79	Switchgear	Disconnecting switches for electric power	120-kV disconnecting switch (1,200 A; 25 kA; With ground relay; Without ground relay)	2	Unit	Sakaiminato Substation	202004	202110	
80	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 2,000 A; 25 kA)	2	Unit	Kurayoshi Substation	202008	202105	
81	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 2,000 A; 25 kA)	2	Unit	Kurayoshi Substation	202008	202105	
82	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120-kV LS; 1,200 A; 25 kA; With ground relay x 1/Without ground relay x 1; 110 kV)	2	Unit	Sakaiminato Substation	202010	202209	
83	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 800 A; 12.5 kA; For replacement of 66-kV LS)	1	Unit	Mochigase Power Station	FY2020	-	
84	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 800 A; 12.5 kA; For replacement of 66-kV LE)	2	Unit	Mochigase Power Station	FY2020	-	
85	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 1,200 A; 20 kA; 0.01 mg/cm ² ; Automatic/With ground relay; 110 kV)	1	Unit	Akatsuka Power Station	202004	202106	
86	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 1,200 A; 20 kA; 0.01 mg/cm ² ; Manual/Without ground relay; 110 kV)	1	Unit	Akatsuka Power Station	202004	202106	
87	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 800 A; 20 kA; Salt resistance = 0.06; Automatic/With ground relay)	1	Unit	Oota Substation	202004	202106	
88	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72-kV LBS; 800 A; 20 kA; For replacement of 66-kV LBS)	1	Unit	Kashima Substation	202005	202110	
89	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72-kV LS; 800 A; 25 kA; With ground relay; 66 kV)	1	Unit	Tsuda Substation	202005	202110	
90	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120-kV LBS; 1,200 A; 25 kA; For replacement of 110-kV bus)	1	Unit	Tamatsukuri Substation	202006	202111	

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91	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 2,000 A; 0.06 mg/cm ² ; Automatic/Without ground relay; 1 unit for Bus A and 1 unit for Bus B; For replacement of 110-kV bus tie CB, etc.)	2	Unit	Chiimiya Substation	202012	202106	Corporate Finance and Procurement Div. (Materials and equipment procurement)
92	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 800 A; 0.01 mg/cm ² ; Automatic/With ground relay; 66 kV)	1	Unit	Kisuki Substation	202101	202110	
93	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 800 A; 20 kA; Salt resistance = 0.03; Automatic/With ground relay)	1	Unit	Shinji Substation	202102	202205	
94	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 800 A; 20 kA; Salt resistance = 0.06; Automatic/With ground relay; 66 kV)	1	Unit	Chiimiya Substation	202102	202206	
95	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 1,200 A; 31.5 kA; Salt resistance = 0.06; Automatic/Without ground relay; 66 kV)	2	Unit	Chiimiya Substation	202102	202206	
96	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 1,200 A; 20 kA; Salt resistance = 0.06; Automatic/With ground relay; 66 kV)	1	Unit	Chiimiya Substation	202102	202206	
97	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 1,200 A; 20 kA; Salt resistance = 0.06; Automatic/With ground relay; 66 kV)	2	Unit	Chiimiya Substation	202102	202206	
98	Switchgear	Disconnecting switches for electric power	110-kV disconnecting switch (1,200 A; 20 kA; Salt resistance = 0.06; Automatic/Without ground relay; For replacement of primary LS for distribution transformer)	1	Unit	Chiimiya Substation	202102	202206	
99	Switchgear	Disconnecting switches for electric power	120-kV disconnecting switch (2,000 A/31.5 kA/Two-point off/LE included/Rack included; 2,000 A/31.5 kA/Two-point off/On beam)	3	Unit	Nishi – Okayama Substation	202004	202104	
100	Switchgear	Disconnecting switches for electric power	Grounding device for lines (Rated voltage = 550 kV; Short-time withstand current = 50 kA)	1	Set	Higashi-Okayama Substation	202005	202111	
101	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; Single-phase; Power-operated; For replacement of 110-kV NGL, etc.)	1	Unit	Minami-Okayama Substation	202004	202106	
102	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72-kV LS; 800 A; 20 kA; 66 kV)	1	Unit	Soja Substation	202006	202104	
103	Switchgear	Disconnecting switches for electric power	Disconnecting switch (550 kV; 6,000 A; 50 kA; For upgrading 500-/220-kV bus to 4-bus tie)	6	Unit	Shin-Okayama Substation	202009	202203	

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104	Switchgear	Disconnecting switches for electric power	Disconnecting switch (220 kV; 4,000A; 63 kA; For upgrading 500-/220-kV bus to 4-bus tie)	6	Unit	Shin-Okayama Substation	202009	202203	Corporate Finance and Procurement Div. (Materials and equipment procurement)
105	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; LE)	3	Unit	Minami-Tsuyama Substation	202011	202111	
106	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV)	2	Unit	Minami-Tsuyama Substation	202011	202111	
107	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72-kV LS; 1,200 A; 20 kA; Horizontal two-point off; With ground relay; 66 kV)	2	Unit	Minami-Okayama Substation	202011	202205	
108	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72-kV LS; 1,200 A; 20 kA; Horizontal two-point off; With ground relay; For replacement of 66-kV LS)	2	Unit	Minami-Okayama Substation	202011	202205	
109	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 2,000 A; 40 kA; Horizontal one-point off and power-operated (DC); For replacement of disconnecting switches for transformers used for startup)	1	Set	Mizushima Power Station	202105	202209	
110	Switchgear	Disconnecting switches for electric power	Disconnecting switch (72 kV; 800 A; 20 kA; Salt resistance = 0.03; Horizontal two-point off)	2	Unit	Takibe Substation	202006	202104	
111	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 1,200 A; 25 kA; Salt resistance = 0.12; Horizontal one-point off; Without ground relay; For replacement of bypass LS, etc.)	1	Unit	Nishi-Shimonoseki Switching Station	202007	202105	
112	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 1,200 A; 31.5 kA; Salt resistance = 0.35; Horizontal one-point off)	1	Unit	Onoda Substation	202007	202107	
113	Switchgear	Disconnecting switches for electric power	Disconnecting switch (1,200 A; 31.5 kA; Salt resistance = 0.35; Horizontal one-point off)	2	Unit	Onoda Substation	202007	202120	
114	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 1,200 A; 40 kA; Salt resistance = 0.35; Horizontal one-point off; Without ground relay; For line-drawing of 110-kV transmission lines)	2	Unit	Nishi – Ube Substation	202008	202201	
115	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 800 A; 25 kA; For bank reverse power flow countermeasures/loop switching)	1	Unit	Yabara Substation	202010	202206	
116	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 2,000 A; 40 kA)	2	Unit	Ube Substation	202010	202304	

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117	Switchgear	Disconnecting switches for electric power	110-kV disconnecting switch/Grounding device	2	Set	Fukawa Substation	202012	202110	Corporate Finance and Procurement Div. (Materials and equipment procurement)
118	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 3,000 A; 31.5 kA; Salt resistance = 0.12; Horizontal one-point off; With ground relay)	2	Unit	Shimonoseki Substation	202012	202203	
119	Switchgear	Disconnecting switches for electric power	Disconnecting switch (120 kV; 2,000 A; 31.5 kA)	3	Set	Nanyo Substation	202103	202203	
120	Switchgear	Disconnecting switches for electric power (Repair/Inspection)	Power-operated operation box for disconnecting switches (For making LS power-operable)	1	Unit	Yonago Substation	202102	202111	
121	Switchgear	Disconnecting switches for electric power (Repair/Inspection)	Disconnecting switch/LE operation box (72 kV; 800 A; 20 kA)	8	Box	Tahara Power Station	202005	202106	
122	Switchgear	Disconnecting switches for electric power (Repair/Inspection)	Disconnecting switch operation box (72 kV; 800 A; 20 kA)	8	Box	Nariwa Substation	202006	202106	
123	Switchgear	Disconnecting switches for electric power (Repair/Inspection)	Power-operated operation box for disconnecting switches (For replacement of operating device)	4	Unit	Shobara Substation	202102	202111	
124	Control system	Remote monitoring control system	IP-TC, B1, MTD (TC: 6 words; SV: 12 words; TM: 24 words; 700-mm wide)	1	Set	Nshi – Kurayoshi Substation	202004	202102	
125	Control system	Remote monitoring control system	IP-TC, A2, MTD (SV: 22 words; TM: 45 words; 700-mm wide)	1	Set	Yomi Substation	202005	202105	
126	Control system	Remote monitoring control system	IP-TC (A2 type; MTD x 3; SV: 13 words; TM: 7 words; 600-mm wide; Replacement)	1	Set	Nichinan Substation	202006	202103	
127	Control system	Remote monitoring control system	IP-TC (B1 type; MTD x 7; SV: 18 words; TM: 33 words; 600-mm wide; BCD input 3W; Replacement)	1	Set	Kurosaka Power Station	202110	202203	
128	Control system	Remote monitoring control system	IP-TC, A2, MTD (SV: 24 words; TM: 30 words; 600-mm wide)	1	Set	Kawamoto Substation	202005	202105	
129	Control system	Remote monitoring control system	IP-TC (A2 type; 700-mm wide; Replacement)	1	Set	Teramachi Substation	202102	202202	

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130	Control system	Remote monitoring control system	IP-TC (A2 type; MTD x 8; SV: 24 words; TM: 36 words; 700-mm wide; Replacement)	1	Set	Hotsuki Substation	202105	202206	Corporate Finance and Procurement Div. (Materials and equipment procurement)
131	Control system	Remote monitoring control system	IP-TC, MTD (SV: 37 words; TM: 42 words)	4	Panel	Furumatsu Substation	202005	202107	
132	Control system	Remote monitoring control system	IP-TC, B2 MTD (SV: 35 words; Control: 25 words; TM: 99 words; 600-mm wide)	4	Panel	Tsuyama Substation	202005	202203	
133	Control system	Remote monitoring control system	IP-TC (A2 type; MTD x 8; SV: 24 words; TM: 51 words; Replacement)	2	Panel	Hirai Substation	202006	202106	
134	Control system	Remote monitoring control system	IP-TC (B type; MTD x 10; SV: 20 words; TM: 50 words; Replacement)	2	Panel	Funao Substation	202006	202108	
135	Control system	Remote monitoring control system	IP-TC (A2 type (Fixed capacity type); Replacement)	2	Panel	Kurihara Substation	202009	202109	
136	Control system	Monitoring control system	Monitoring control system for control centers used for training purposes (Replacement; For maintenance training)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202010	202303	
137	Transmission equipment	Unit-enclosed switchboard	Switchgear (3 BK)	1	Set	Sakaiminato Substation	202004	202105	
138	Transmission equipment	Unit-enclosed switchboard	Switchgear (1 BK)	1	Set	Amariko Substation	202004	202204	
139	Transmission equipment	Unit-enclosed switchboard	Switchgear (Replacement)	1	Set	Kuzumo Substation	202009	202110	
140	Transmission equipment	Unit-enclosed switchboard	Switchgear (Distribution line box x 3; Station GPT box; Distribution transformer secondary box; Bus tie box; Replacement)	5	Box	Tachikawa Substation	202009	202110	
141	Transmission equipment	Unit-enclosed switchboard	Switchgear (Distribution line box x 2; Station GPT box; Distribution transformer secondary box; Bus tie converter board; Replacement)	4	Box	Uradome Substation	202105	202206	
142	Transmission equipment	Unit-enclosed switchboard	Switchgear (Replacement)	1	Set	Kurosaka Power Station	202107	202208	

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143	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (distribution line box)	1	Box	Katahara Substation	202110	202211	Corporate Finance and Procurement Div. (Materials and equipment procurement)
144	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution line box x 2; HTr box x 1; Power cable junction box x 2; Duct)	5	Box	Yoshinari Substation	202110	202212	
145	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Transmission line box)	1	Box	Ama Substation	202109	202212	
146	Transmission equipment	Unit-enclosed switchboard	7.2-kV switchgear (4 F; 1 SC; Spare: 1 F)	5	Box	Hotsuki Substation	202004	202105	
147	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Distribution transformer tertiary box; Bus tie box; CB not installed)	2	Box	Tsuda Substation	202006	202108	
148	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution line box x 3; Distribution transformer secondary; Station GPT; Bus tie/Distribution line; NGR; Replacement)	7	Box	Shimokou Substation	202007	202110	
149	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Additional installation of distribution transformer secondary CB; Greaseless; Mobile device junction box)	1	Box	Toyokawa Power Station	202008	202105	
150	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Replacement)	3	Box	Ushio Power Station	202012	202208	
151	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	3	Box	Ushio Power Station	202012	202208	
152	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	6	Box	Hotsuki Substation	202104	202205	
153	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution transformer secondary; Station GPT; Distribution line box; Bus tie/Distribution line box; Replacement)	4	Box	Misumi Substation	202107	202210	
154	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Transmission line box; Tertiary box; Replacement)	2	Box	Iya Substation	202108	202209	
155	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (For line-drawing of distribution lines)	2	Box	Takatsu Substation	202108	202210	

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156	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Transmission line box)	1	Box	Kuroki Power Station	202109	202212	Corporate Finance and Procurement Div. (Materials and equipment procurement)
157	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Distribution line box; Distribution transformer tertiary box; Mobile device box; Replacement)	3	Box	Sakurae Substation	202112	202305	
158	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Bus tie DS; Station Tr)	2	Box	Kotoura Substation	202004	202104	
159	Transmission equipment	Unit-enclosed switchboard	7.2-kV switchgear	5	Box	Kita-Tsuyama Substation	202005	202107	
160	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (VCT box; For installation of electric energy meter)	1	Unit	Shin-Taisyakugawa Power Station	202006	202106	
161	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (SC box; ShR box; For replacement of bus tie junction box MTr tertiary GS, etc.)	3	Box	Bizen Substation	202006	202109	
162	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	6	Box	Minami-Tsuyama Substation	202006	202111	
163	Transmission equipment	Unit-enclosed switchboard	11-kV switchgear (Station VCT box; For installation of electric energy meter)	2	Box	Tahara Power Station	202007	202109	
164	Transmission equipment	Unit-enclosed switchboard	Switchgear (11-kV VCT box; 6-kV VCT box; For installation of electric energy meter)	2	Box	Tahara Power Station	202007	202109	
165	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Station transformer box; Tertiary box (Replacement))	2	Box	Takahashi Substation	202007	202110	
166	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Distribution transformer tertiary box; Distribution line box; Bus tie box; Bus tie CV junction box; Replacement)	4	Box	Tomioka Substation	202008	202112	
167	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (For installation of phase shifter)	4	Box	Bizen Substation	202012	202207	
168	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Distribution transformer tertiary box x 1; Distribution line box x 1; Bus tie box x 1; Replacement)	3	Box	Tomioka Substation	202102	202205	

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169	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Distribution line box; NGR box; For line-drawing of distribution lines)	2	Box	Kanayama Substation	202102	202206	Corporate Finance and Procurement Div. (Materials and equipment procurement)
170	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Tertiary box; Station Tr box; For replacement of MTr tertiary GS, etc.)	2	Box	Nishi – Okayama Substation	202102	202209	
171	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (VCB x 2; 67 Ry, etc.; For line-drawing of distribution lines)	1	Set	Kanayama Substation	202102	202209	
172	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (1 circuit installed; 1 circuit not installed; For installation of ShR)	1	Box	Ayabe Substation	202103	202206	
173	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	6	Box	Kotoura Substation	202105	202211	
174	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (For MTr tertiary)	5	Box	Mizushima Substation	202105	202301	
175	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Bus tie duct = 2.5 m; Including on-site inspection; Replacement)	4	Box	Inbe Substation	202106	202211	
176	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (2-CB system; Bus tie duct = 2.5 m; Including on-site inspection; Replacement)	6	Box	Inbe Substation	202106	202211	
177	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (VCT box for generators; Station VCT box; For installation of electric energy meter)	2	Box	Taishakugawa Power Station	202108	202210	
178	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Tertiary box; Bus tie box, etc.; For additional installation of 110-kV interconnection transformers)	3	Box	Ayabe Substation	202109	202303	
179	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Bus tie box; For additional installation of 110-kV interconnection transformers)	1	Box	Ayabe Substation	202109	202303	
180	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution transformer secondary; Bus tie; Station GPT; Distribution line box x 3; Replacement)	6	Box	Ouchida Substation	202111	202206	
181	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution transformer secondary; Station GPT; Distribution line box x 3; Replacement)	5	Box	Ouchida Substation	202111	202206	

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182	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear x 4 boxes (For MTr tertiary)	4	Box	Minami-Okayama Substation	202112	202308	Corporate Finance and Procurement Div. (Materials and equipment procurement)
183	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Bus tie duct = 5 m; Including on-site inspection)	2	Box	Joudou Substation	202202	202304	
184	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	7	Box	Funagura Substation	202204	202304	
185	Transmission equipment	Unit-enclosed switchboard	11-kV switchgear (Replacement)	3	Box	Yoshigase Power Station	202108	202212	
186	Transmission equipment	Unit-enclosed switchboard	7.2-kV switchgear (2,000 A; 12.5 kA)	8	Box	Kurihara Substation	202004	202108	
187	Transmission equipment	Unit-enclosed switchboard	24-kV switchgear (Tr tertiary; Transmission line; Bus device)	7	Box	Takaya Substation	202004	202109	
188	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution transformer secondary; Station GPT; Distribution line; Mobile device junction box)	5	Box	Fuchu Power Station	202004	202111	
189	Transmission equipment	Unit-enclosed switchboard	24-kV switchgear (Tr primary; Transmission line; Bus tie)	5	Box	Youkura Substation	202004	202201	
190	Transmission equipment	Unit-enclosed switchboard	24-kV switchgear (Tr secondary; Transmission line; Bus tie)	6	Box	Mitsu Substation	202005	202109	
191	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Replacement)	7	Box	Ootagawa Power Station	202006	202112	
192	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	5	Box	Ochiai Power Station	202007	202107	
193	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	6	Box	Siwa Substation	202008	202110	
194	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	6	Box	Siwa Substation	202008	202110	

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195	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (For line-drawing of distribution lines)	1	Box	Kawauchi Substation	202008	202111	Corporate Finance and Procurement Div. (Materials and equipment procurement)
196	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Tr secondary x 1; Distribution line x 2; GPT x 1; NGR x 1; Replacement)	5	Box	Kurose Substation	202012	202205	
197	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Tr tertiary x 2; Transmission line x 2; Replacement)	4	Box	Kouendori Substation	202012	202207	
198	Transmission equipment	Unit-enclosed switchboard	Circuit breaker (For replacement of 11-kV distribution transformer primary, etc.)	1	Unit	Morihara Power Station	202101	202111	
199	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Replacement)	9	Box	Higashi-Miyoshi Substation	202102	202307	
200	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution transformer secondary x 1; Station GPT x 1; Bus tie/SC x 1; Distribution line x 4; NGR x 1; Replacement)	8	Box	Miyuki Substation	202104	202205	
201	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Transmission line x 2; Bus tie/Distribution transformer primary x 2; Replacement)	4	Box	Sakurayama Substation	202104	202211	
202	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution transformer secondary x 2; Station GPT box x 2; Distribution line x 4; Distribution line/Bus tie x 1; Bus tie box x 1; Replacement)	10	Box	Sakurayama Substation	202104	202211	
203	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Tr x 1; Transmission line x 1; Bus tie x 1; Replacement)	3	Box	Yasuura Substation	202106	202309	
204	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (For line-drawing of distribution lines)	1	Box	Honji Substation	202108	202211	
205	Transmission equipment	Unit-enclosed switchboard	3-kV switchgear (For installation of metering equipment)	1	Box	Manohira Power Station	202108	202211	
206	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	4	Box	Kake Power Station	202110	202212	
207	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	8	Box	Sendamachi Substation	202110	202212	

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208	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (For raising voltage to 110 kV)	5	Box	Setoda Substation	202110	202303	Corporate Finance and Procurement Div. (Materials and equipment procurement)
209	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	9	Box	Sendamachi Substation	202110	202305	
210	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Distribution transformer secondary x 1; Station GPT x 1; Complete installation of distribution line x 3; Replacement)	5	Box	Honjo Substation	202112	202304	
211	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Tr secondary x 1; Tr tertiary x 1; Replacement)	2	Box	Kamihirabara Substation	202112	202305	
212	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Tr secondary x 2; Bus tie x 1; Transmission line x 4; Replacement)	7	Box	Yoshiura Substation	202112	202308	
213	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear (Interconnection tertiary x 2; Distribution line x 4; SC primary x 2; Bus tie x 1; GTr primary x 1; Bus device x 1; Double bus for each box; Replacement)	11	Box	Fukuyama Substation	202112	202310	
214	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	6	Box	Ozuki Substation	202006	202110	
215	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear (Replacement)	4	Box	Kuga Substation	202010	202205	
216	Transmission equipment	Unit-enclosed switchboard	22-kV switchgear, etc. (Distribution transformer tertiary box x 2; Distribution line box; Bus tie box; Replacement)	4	Box	Shin-Oouchi Substation	202011	202307	
217	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear, etc. (Distribution transformer secondary x 2; Station GPT x 2; Distribution line x 6; Bus tie distribution line box x 2; Replacement)	12	Box	Shin-Oouchi Substation	202011	202402	
218	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear, etc. (Replacement)	6	Box	Daiwa Substation	202107	202211	
219	Transmission equipment	Unit-enclosed switchboard	Switchgear (Common box x 11; Box for each phase x 3; For replacement of control panel for interconnection transformer cooler, etc.)	1	Set	Shin-Yamaguchi Substation	202112	202311	
220	Transmission equipment	Unit-enclosed switchboard	6-kV switchgear, etc. (Distribution transformer secondary; Station GPT; Distribution line box x 3; Bus tie box; Replacement)	6	Box	Achisu Substation	202203	202304	

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221	Transmission equipment	Neutral earthing resistors	110-kV neutral earthing reactor	1	Unit	Minami-Okayama Substation	202004	202106	Corporate Finance and Procurement Div. (Materials and equipment procurement)
222	Transmission equipment	Neutral earthing resistors	66-kV neutral earthing reactor	1	Unit	Minami-Okayama Substation	202004	202106	
223	Transmission equipment	Power capacitors/reactors	Power capacitor (10 MVA)	1	Set	Yabase Substation	202004	202012	
224	Transmission equipment	Power capacitors/reactors	Power capacitor (10 MVA)	1	Set	Yabase Substation	202004	202103	
225	Transmission equipment	Power capacitors/reactors	Shunt reactor (Replacement of 66-kV ShR, etc.; 20 MVA)	1	Panel	Okayama Substation	202010	202207	
226	Transmission equipment	Power capacitors/reactors	Protective panel for shunt reactor (Replacement of ShR, etc.)	1	Panel	Okayama Substation	202010	202207	
227	Transmission equipment	Power capacitors/reactors	Protective relay panel (6-kV ShR; 2,000 kVar)	1	Panel	Ayabe Substation	202102	202206	
228	Transmission equipment	Power capacitors/reactors	Protective relay panel (110-kV ShR)	3	Panel	Nishi – Hiroshima Substation	202004	202302	
229	Transmission equipment	Power capacitors/reactors	Protective relay panel (Replacement of ShR)	1	Panel	Kurose Substation	202012	202209	
230	Transmission equipment	Surge arrester for AC power systems	66-kV simple surge protective device (27 towers x 3 phases; 1 cct)	81	Piece	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202005	202009	
231	Transmission equipment	Surge arrester for AC power systems	28-kV lightning arrester (Zinc oxide-type; 10 kA; 31.5 kA)	3	Set	Innoshima Substation	202004	202105	
232	Transmission equipment	Surge arrester for AC power systems	Lightning arrester (1 set/3 phases; For replacement of non-impervious CV cables for 22-kV Yasuura Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202106	
233	Transmission equipment	Surge arrester for AC power systems	Lightning arrester (4 sets/12 phases; For replacement of non-impervious CV cables for 22-kV Yokura Line)	4	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202109	

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234	Transmission equipment	Surge arrester for AC power systems	Gapless lightning arrester (2 sets/6 phases; For replacement of CV cables for Etajima Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202104	202210	Corporate Finance and Procurement Div. (Materials and equipment procurement)
235	Transmission equipment	Surge arrester for AC power systems	Zinc oxide-type lightning arrester (140 kV; 1 set (for 3 phases); For 110-kV Tokuyama Higashi No. 3 Power Station Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202101	202109	
236	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (For tension equipment x 24 sets; For suspension equipment x 3 sets; Reconstruction of aged steel towers for 110-kV Tottori Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202103	202106	
237	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (For lightning-resistance countermeasures)	12	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202008	
238	Transmission equipment	Lightning arrester insulator sets	110-kV simple surge protective device (2 cct; (3 phases as a set); For tension equipment; For suspension equipment)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202102	
239	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (Lightning-resistance countermeasures for Hokki Line)	33	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202103	202110	
240	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (Reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202007	
241	Transmission equipment	Lightning arrester insulator sets	110-kV simple surge protective device	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202010	
242	Transmission equipment	Lightning arrester insulator sets	Simple lightning arrester insulator set (Installation of 110-kV Aidahikari Solar Line)	21	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202005	202012	
243	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (Reconstruction of aged steel towers for 110-kV Yubara-Daini-Okayama Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202105	202202	
244	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (Lightning-resistance countermeasures works for 110-kV Yubara Connecting Line, etc.)	66	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202106	202202	
245	Transmission equipment	Lightning arrester insulator sets	Balance weight for simple surge protective devices(Lightning-resistance countermeasures works for 110-kV Yubara Connecting Line, etc.)	15	Piece	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202106	202202	
246	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (Lightning-resistance countermeasures for guys departing from Kabe)	12	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202103	202105	

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247	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (Reconstruction of aged steel towers for 110-kV Minamiyamaguchi-Tokuyama Line)	12	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202011	202105	Corporate Finance and Procurement Div. (Materials and equipment procurement)
248	Transmission equipment	Lightning arrester insulator sets	Simple surge protective device (Installation of 110-kV Asa-Yamakawa Mega Solar Line)	3	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202103	202205	
249	Transmission equipment	Other power equipment	Installation of access control system	1	Set	Yonago Power Management Office	202005	202101	
250	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; For replacement of 66-kV LPD)	1	Unit	Asahi Substation	202009	202111	
251	Transmission equipment	Other power equipment	Failure point locating equipment (For 66-kV Kawahara Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202104	202110	
252	Transmission equipment	Other power equipment	66-kV failure point locating equipment (For Kawahara Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202107	202111	
253	Transmission equipment	Other power equipment	110-kV PD (500 VA)	1	Unit	Yonago Substation	202004	202106	
254	Transmission equipment	Other power equipment	PD for 110-kV lines	1	Unit	Sakaiminato Substation	202004	202110	
255	Transmission equipment	Other power equipment	Electrical components, including valves (For repair of fire extinguishing systems)	1	Set	Hino Substation	202005	202012	
256	Transmission equipment	Other power equipment	66-kV bus PD (200 VA; 0.03 mg/cm ²)	3	Unit	Nshi – Kurayoshi Substation	202005	202105	
257	Transmission equipment	Other power equipment	Replacement of intrusion alarm system	1	Set	Shin-Tottori Substation	202007	202112	
258	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; For replacement of 66-kV LPD)	1	Unit	Kurosaka Power Station	202009	202110	
259	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; For replacement of 66-kV LPD)	1	Unit	Kurosaka Power Station	202009	202110	

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260	Transmission equipment	Other power equipment	PD for 110-kV lines (110 kV)	1	Unit	Sakaiminato Substation	202010	202209	Corporate Finance and Procurement Div. (Materials and equipment procurement)
261	Transmission equipment	Other power equipment	PD for 220-kV lines (50 VA; 220 kV)	1	Unit	Matanogawa Power Station	202109	202210	
262	Transmission equipment	Other power equipment	66-kV bus PD (For replacement)	1	Unit	Mochigase Power Station	FY2020	-	
263	Transmission equipment	Other power equipment	Aircraft warning lights for 1 tower (OM-3C; For replacement of 220-kV Misumi Thermal Power Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202106	202112	
264	Transmission equipment	Other power equipment	Aircraft warning lights for 2 towers (OM-3C; For replacement of 66-kV Takatsu Guy)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202106	202112	
265	Transmission equipment	Other power equipment	Aircraft warning lights for 1 tower (OM-3C; For replacement of 220-kV Misumi Thermal Power Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202106	202112	
266	Transmission equipment	Other power equipment	Aircraft warning lights for 2 towers (OM-3C; For replacement of 66-kV Takatsu Guy)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202106	202112	
267	Transmission equipment	Other power equipment	66-kV condenser-type potential transformer	3	Unit	Sakurae Substation	202004	202104	
268	Transmission equipment	Other power equipment	110-kV bus PD (200 VA; 0.06 mg/cm ²)	6	Unit	Chiimiya Substation	202005	202106	
269	Transmission equipment	Other power equipment	110-kV line PD (50 VA; 0.01 mg/cm ²)	1	Unit	Akatsuka Power Station	202005	202106	
270	Transmission equipment	Other power equipment	PD for 110-kV lines	1	Unit	Yasugi Substation	202005	202110	
271	Transmission equipment	Other power equipment	PD for 110-kV lines	1	Unit	Matsue Substation	202005	202110	
272	Transmission equipment	Other power equipment	PD for 110-kV lines	1	Unit	Hotsuki Substation	202005	202110	

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273	Transmission equipment	Other power equipment	66-kV line PD (50 VA; 66 kV)	1	Unit	Akatsuka Power Station	202008	202109	Corporate Finance and Procurement Div. (Materials and equipment procurement)
274	Transmission equipment	Other power equipment	66-kV line PD (50 VA; 66 kV)	1	Unit	Kisuki Substation	202009	202110	
275	Transmission equipment	Other power equipment	110-kV bus PD (For replacement)	3	Unit	Sugawara Substation	202010	202209	
276	Transmission equipment	Other power equipment	66-kV line PD (50 VA; For replacement of 66-kV LS, etc.)	1	Unit	Chiimiya Substation	202102	202206	
277	Transmission equipment	Other power equipment	66-kV line PD (50 VA; 66 kV)	1	Unit	Chiimiya Substation	202102	202206	
278	Transmission equipment	Other power equipment	66-kV line PD (50 VA)	1	Unit	Shinji Substation	202102	-	
279	Transmission equipment	Other power equipment	66-kV line PD (50 VA; 66 kV)	1	Unit	Chiimiya Substation	202105	202206	
280	Transmission equipment	Other power equipment	Failure point locating equipment for 2 locations (For installation of 66-kV Yubara-Daini-Shoo-Daini Line)	1	Set	Kume Substation, Yuge Substation	202105	202110	
281	Transmission equipment	Other power equipment	Failure point locating equipment (Including materials for 2 towers)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202010	
282	Transmission equipment	Other power equipment	66-kV LPD (50 VA)	1	Unit	Soja Substation	202004	202104	
283	Transmission equipment	Other power equipment	220kV/200VA	2	Set	Shin-Okayama Substation	202004	202105	
284	Transmission equipment	Other power equipment	Failure point locating system for 2 towers (For installation of 66-kV Taishakugawa Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202011	
285	Transmission equipment	Other power equipment	72-kV bus PD (200 VA; For bank reverse power flow countermeasures)	1	Set	Tahara Power Station	202006	202110	

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286	Transmission equipment	Other power equipment	66-kV bus PD (For replacement of Tr tertiary bus PD)	3	Unit	Okayama Substation	202006	202112	Corporate Finance and Procurement Div. (Materials and equipment procurement)
287	Transmission equipment	Other power equipment	Aircraft warning lights for 3 towers (4 OM-3Cs per tower; 2 OM-6Cs per tower. For introducing LED to 110-kV Shinkurashiki-Tamashima Line, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202011	
288	Transmission equipment	Other power equipment	Installation of intrusion detection system (IDS)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202007	202101	
289	Transmission equipment	Other power equipment	Failure-locating system (For 2 towers; Sensor unit; Power box; Detector, etc.; For installation of Kasaoka-Fukuyama Line)	2	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202011	
290	Transmission equipment	Other power equipment	110-kV LPD (50 VA; For replacement of LPD for 110-kV guy)	2	Unit	Satosyou Substation	202009	202109	
291	Transmission equipment	Other power equipment	550-kV potential transformer (Rated burden = 200 VA; For upgrading 500-/220-kV bus to 4-bus tie)	6	Unit	Shin-Okayama Substation	202009	202203	
292	Transmission equipment	Other power equipment	220-kV potential transformer (Rated burden = 200 VA; For upgrading 500-/220-kV bus to 4-bus tie)	6	Unit	Shin-Okayama Substation	202009	202203	
293	Transmission equipment	Other power equipment	66-kV line PD (50 VA; Rack included)	1	Unit	Kume Substation	202010	202109	
294	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 66 kV)	1	Set	Mizushima Power Station	202010	202111	
295	Transmission equipment	Other power equipment	110-kV bus PD (For replacement)	6	Unit	Ubaradaini Power Station	202012	202201	
296	Transmission equipment	Other power equipment	22-kV phase shifter (15 MVA)	1	Unit	Bizen Substation	202012	202207	
297	Transmission equipment	Other power equipment	66-kV LPD (50 VA; For replacement of LPD, etc.)	2	Unit	Nakase Substation	202101	202202	
298	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 110 kV)	1	Set	Mizushima Power Station	202106	202303	

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299	Transmission equipment	Other power equipment	66-kV bus PD (For replacement)	3	Unit	Heisakubara Power Station	202110	202211	Corporate Finance and Procurement Div. (Materials and equipment procurement)
300	Transmission equipment	Other power equipment	Lightning location system (Parent station x 1; Child station x 2), data transmission system (CDT 1)	5	Unit	Central Load Dispatching Center, location specified by Chugoku Electric (Yamaguchi Pref., Shimane Pref.)	202005	202206	
301	Transmission equipment	Other power equipment	Aircraft warning lights (FX-7-20K; For replacement of light bulbs for Ogaki Line)	4	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202007	
302	Transmission equipment	Other power equipment	Installation of intrusion detection system (IDS)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202008	
303	Transmission equipment	Other power equipment	Fault section determination equipment	1	Set	Kouendori Substation	202004	202010	
304	Transmission equipment	Other power equipment	Potential transformer	1	Unit	Yoshida Substation	202005	202107	
305	Transmission equipment	Other power equipment	Potential transformer	1	Unit	Yoshida Substation	202005	202107	
306	Transmission equipment	Other power equipment	Fault section detector (Current transformer; Accessory materials; Installation hardware; Communications rack (including technical guidance); For 110-kV Nishihiroshima-Funairi Line)	1	Set	Nishi – Hiroshima Substation	202006	202009	
307	Transmission equipment	Other power equipment	Aircraft warning lights for 2 towers (For replacement of Shinnishiroshima Trunk Line)	2	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202006	202010	
308	Transmission equipment	Other power equipment	110-kV line PD (110 kV)	2	Unit	Kabe Substation	202006	202106	
309	Transmission equipment	Other power equipment	Aircraft warning lights (Lighting instrument for FX-7SC-20K model x 2; Light-emitting part for FX-7SC-20K model x 2; Controller for FX-7SC-20K model x 2; Wiring materials; For replacement of Hakata Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202007	202012	
310	Transmission equipment	Other power equipment	Aircraft warning lights for 4 towers (For repair of Shinnishiroshima Trunk Line and other 2 lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202010	202108	
311	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 66 kV)	2	Unit	Ohno Substation	202010	202111	

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312	Transmission equipment	Other power equipment	Potential transformer (For replacement of PD)	1	Unit	Kimita Power Station	202010	202202	Corporate Finance and Procurement Div. (Materials and equipment procurement)
313	Transmission equipment	Other power equipment	Fault section detector (Receiver; Accessory materials; Installation hardware; Communications rack (including technical guidance); For relocation following the reconstruction of the main building of the substation)	1	Set	Nishi – Hiroshima Substation	202012	202103	
314	Transmission equipment	Other power equipment	Potential transformer (For replacement of 110-kV bus PD)	3	Unit	Kimita Power Station	202012	202202	
315	Transmission equipment	Other power equipment	Potential transformer (For replacement of 110-kV bus PD)	3	Unit	Kimita Power Station	202012	202202	
316	Transmission equipment	Other power equipment	Aircraft warning lights for 3 towers (For 500-kV Shinhiroshima Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
317	Transmission equipment	Other power equipment	Aircraft warning lights for 3 towers (Control panel for OM-3C model x 3; Lighting instrument for OM-3C model x 12; Joint box x 6; For replacement of 500-kV Shinhiroshima Trunk Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202102	202109	
318	Transmission equipment	Other power equipment	Aircraft warning lights (FX-7S-200K xenon lamp x 22; FX-7-200 K xenon lamp x 43; For replacement of 220-kV Osaki Thermal Power Line and other 2 lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202104	202107	
319	Transmission equipment	Other power equipment	Failure point locating equipment (MRH6 model; 4 locations; For Osaki Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202105	202111	
320	Transmission equipment	Other power equipment	Aircraft warning lights for 2 towers (For replacement of Shinhiroshima Trunk Line)	2	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202106	202110	
321	Transmission equipment	Other power equipment	Aircraft warning LED lights (2 towers)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202009	
322	Transmission equipment	Other power equipment	Failure section determination equipment (For transmission lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202009	
323	Transmission equipment	Other power equipment	Fault section determination equipment (Including adjustment and trial operation)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202005	202010	
324	Transmission equipment	Other power equipment	Failure section locating equipment (For installation of underground cables for 110-kV Aioi Line)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202006	202012	

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325	Transmission equipment	Other power equipment	Installation of cameras and other instruments for access control (Fixed cameras)	1	Set	Higashi – Yamaguchi Substation, Tokuyama Control Relay Station	202006	202112	Corporate Finance and Procurement Div. (Materials and equipment procurement)
326	Transmission equipment	Other power equipment	GPS synchronous FL (For installation of 66-kV Suzenji Line and other 2 lines)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202009	202104	
327	Transmission equipment	Other power equipment	Air conditioner (Packaged air conditioner)	2	Unit	Higashi-Yamaguchi Substation	202004	202006	
328	Transmission equipment	Other power equipment	Condenser-type potential transformer (110 kV; 50 A; Salt resistance = 0.03)	1	Unit	Takibe Substation	202004	202104	
329	Transmission equipment	Other power equipment	110-kV condenser-type potential transformer (50 VA; For lines with a salt resistance of 0.12)	1	Unit	Minami-Iwakuni Substation	202005	202105	
330	Transmission equipment	Other power equipment	110-kV condenser-type potential transformer (50 VA; For buses with a salt resistance of 0.12)	3	Unit	Minami-Iwakuni Substation	202005	202105	
331	Transmission equipment	Other power equipment	Condenser-type potential transformer (66 kV)	2	Unit	Hujiyama Substation	202006	202106	
332	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 A; 110 kV)	1	Unit	Onoda Substation	202006	202107	
333	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 A; 110 kV)	2	Unit	Onoda Substation	202006	202110	
334	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; For replacement of 66-kV bus PD)	6	Unit	Iwakuni Substation	202008	202110	
335	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 66 kV)	1	Unit	Hikari Substation	202008	202112	
336	Transmission equipment	Other power equipment	Excitation inrush current suppressor (For interconnection transformers)	1	Set	Hagi Substation	202010	202109	
337	Transmission equipment	Other power equipment	Condenser-type potential transformer (110 kV)	1	Unit	Fukawa Substation	202010	202110	

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338	Transmission equipment	Other power equipment	Potential transformer (For replacement of 66-kV bus GPT)	1	Unit	Fkue Substation	202010	202110	Corporate Finance and Procurement Div. (Materials and equipment procurement)
339	Transmission equipment	Other power equipment	Condenser-type potential transformer (110-kV bus; For bank reverse power flow countermeasures)	1	Set	Yabara Substation	202010	202206	
340	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 110 kV)	2	Unit	Ube Substation	202010	202304	
341	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; For replacement of 110-kV interconnection Tr primary CB, etc.)	2	Unit	Shimonoseki Substation	202012	202203	
342	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; For replacement of 110-kV Tr primary CB, etc.)	2	Unit	Nakayama Substation	202101	202208	
343	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 66 kV)	1	Unit	Yanai Substation	202101	202209	
344	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 220 kV)	2	Unit	Shin – Tokuyama Substation	202103	202206	
345	Transmission equipment	Other power equipment	Condenser-type potential transformer (50 VA; 110 kV)	2	Unit	Iwakuni Substation	202103	202210	
346	Transmission equipment	Other switchboards	ARE (For station use)	1	Unit	Yonago Substation	202005	202109	
347	Transmission equipment	Other switchboards	Monitoring control panel (Synchronization panel/Fault indicator panel/Power panel/Relay panel; Replacement)	8	Panel	Yonago Substation	202006	202109	
348	Transmission equipment	Other switchboards	Switchboard (Distribution lines cut-off panel; Synchronization monitor panel; For bank reverse power flow countermeasures)	3	Panel	Nshi – Kurayoshi Substation	202007	202105	
349	Transmission equipment	Other switchboards	Station AC power source panel (Replacement)	1	Unit	Yonago Substation	202011	202112	
350	Transmission equipment	Other switchboards	Monitoring control panel, synchronization panel, DC control power source panel (Replacement)	1	Set	Kurayoshi Substation	202104	202202	

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351	Transmission equipment	Other switchboards	Incoming/outgoing power control panel (Including 2 circuits for incoming relays)	1	Panel	Nigata Substation	202005	202104	Corporate Finance and Procurement Div. (Materials and equipment procurement)
352	Transmission equipment	Other switchboards	Synchronization panel (For incoming/outgoing power control panels)	1	Panel	Nigata Substation	202005	202104	
353	Transmission equipment	Other switchboards	Power switch panel (For station use)	1	Unit	Matsue Substation	202005	202108	
354	Transmission equipment	Other switchboards	Incoming/outgoing power control panel (Including incoming relays; Replacement)	1	Panel	Kisuki Substation	202008	202110	
355	Transmission equipment	Other switchboards	Interlock panel x 1, control power panel x 1, station failure indicator panel x 1 (Including installation and adjustment)	3	Panel	Minato Switching Station	202004	202103	
356	Transmission equipment	Other switchboards	Transformer box (For station use)	2	Box	Nishikimachi Substation	202004	202104	
357	Transmission equipment	Other switchboards	Distribution lines cut-off box (For bank reverse power flow countermeasures)	1	Box	Tahara Power Station	202006	202110	
358	Transmission equipment	Other switchboards	Incoming panel (Replacement)	1	Panel	Kita-Tsuyama Substation	202007	202107	
359	Transmission equipment	Other switchboards	Interlock panel (For upgrading 500-/220-kV bus to 4-bus tie)	2	Panel	Shin-Okayama Substation	202012	202112	
360	Transmission equipment	Other switchboards	43 P panel (For upgrading 500-/220-kV bus to 4-bus tie)	2	Panel	Shin-Okayama Substation	202012	202112	
361	Transmission equipment	Other switchboards	Outdoor distribution box (AC distribution box x 2; DC distribution box x 2; For upgrading 500-/220-kV bus to 4-bus tie)	4	Box	Shin-Okayama Substation	202012	202112	
362	Transmission equipment	Other switchboards	Incoming panel, incoming relays panel (Replacement)	1	Panel	Susai Substation	202108	202205	
363	Transmission equipment	Other switchboards	Channel base (For reconstruction of main building)	1	Set	Nishi – Hiroshima Substation	202004	202101	

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364	Transmission equipment	Other switchboards	Incoming panel (700 mm)	1	Panel	Kurihara Substation	202004	202108	Corporate Finance and Procurement Div. (Materials and equipment procurement)
365	Transmission equipment	Other switchboards	Switchboard (64 V; 67 G)	1	Panel	Innoshima Substation	202005	202105	
366	Transmission equipment	Other switchboards	Control power panel (For reconstruction of main building)	3	Panel	Nishi – Hiroshima Substation	202005	202105	
367	Transmission equipment	Other switchboards	PD automatic switchboard (For reconstruction of main building)	3	Panel	Nishi – Hiroshima Substation	202005	202302	
368	Transmission equipment	Other switchboards	Incoming panel (Replacement)	1	Unit	Higashi-kaita Substation	202006	202204	
369	Transmission equipment	Other switchboards	Incoming panel (For replacement at Nabara Training Institute)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202008	202110	
370	Transmission equipment	Other switchboards	Incoming panel	1	Panel	Ootagawa Power Station	202008	202112	
371	Transmission equipment	Other switchboards	Incoming panel, etc.	1	Panel	Yaguchi Substation	202009	202106	
372	Transmission equipment	Other switchboards	Incoming panel (700 mm; Replacement)	1	Panel	tomo Substation	202009	202203	
373	Transmission equipment	Other switchboards	Incoming panel (700 mm; For replacement of 22-kV switchgear, etc.)	1	Panel	Sakurayama Substation	202104	202211	
374	Transmission equipment	Other switchboards	Incoming panel (For line-drawing of 110-kV transmission lines)	1	Panel	Nishi – Ube Substation	202008	202201	
375	Transmission equipment	Other switchboards	Failure indicator panel (Replacement)	1	Unit	Iwakuni Substation	202011	202109	
376	Transmission equipment	Other switchboards	Station panel (Replacement)	1	Panel	Mishima Power Station	202012	202110	

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377	Transmission equipment	Other switchboards (Repair/Inspection)	Digital relay (Including repair)	1	Set	Tsurumi Substation	202006	202103	Corporate Finance and Procurement Div. (Materials and equipment procurement)
378	Transformers	Power transformers (220 kV or greater) (Repair/Inspection)	Cooler motor (1 unit)	3	Unit	Shin-Tottori Substation	202004	202011	
379	Transformers	Power transformers (220 kV or greater) (Repair/Inspection)	Electrical components, including cooling equipment	1	Set	Hino Substation	202005	202012	
380	Transformers	Power transformers (220 kV or greater) (Repair/Inspection)	LR control panel (For operating 500-kV Tr x 4; For upgrading 500-/220-kV bus to 4-bus tie)	1	Panel	Shin-Okayama Substation	202012	202203	
381	Transformers	Power transformers (220 kV or greater) (Repair/Inspection)	Protective relay panel (3 TR; Replacement)	1	Panel	Sakugi Substation	202101	202103	
382	Transformers	Power transformers (220 kV or greater) (Repair/Inspection)	Transformer protective panel (Replacement)	2	Panel	Higashi-Yamaguchi Substation	202008	202110	
383	Transformers	Power transformers (Less than 220-kV)	Distribution transformer (Replacement)	1	Unit	Mochigase Power Station	202103	202210	
384	Transformers	Power transformers (Less than 220-kV)	Transformer (66 kV/6 kV; 25 MVA; For replacement of distribution transformers)	1	Unit	Gotsu Substation	202105	202211	
385	Transformers	Power transformers (Less than 220-kV)	Distribution transformer (110/6/22 kV; 25/20/15 MVA; Replacement)	1	Unit	Iya Substation	202106	202209	
386	Transformers	Power transformers (Less than 220-kV)	Distribution transformer (107.5/6.9 kV; 25 MVA; ST model; Including neutral point LA/installation and adjustment; Replacement)	1	Unit	Joudou Substation	202103	202212	
387	Transformers	Power transformers (Less than 220-kV)	Transformer (21.5/6.9 kV; 15 MA; For replacement of 22-kV switchgear, etc.)	1	Unit	Sakurayama Substation	202104	202210	
388	Transformers	Power transformers (Less than 220-kV)	Transformer (110 kV; 25 MVA; Replacement)	1	Unit	Yoshida Substation	202107	202211	
389	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	DC distribution transformer protective relay (Equipment protection: Ratio differential relaying system; Short circuit protection: Overcurrent relaying system; Ground fault protection: Ground fault relaying system)	1	Set	Mizushima Power Station	202005	202201	

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390	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Main transformer LR control panel (Replacement)	1	Panel	Okayama Substation	202006	202112	Corporate Finance and Procurement Div. (Materials and equipment procurement)
391	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	MTr fan cover (Repair)	2	Set	Okayama Substation	202008	202102	
392	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Main transformer LR control panel (VQ control panel), MTr protective panel, automatic synchronization panel (Replacement)	3	Panel	Minami-Tsuyama Substation	202012	202111	
393	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Main transformer protective panel (Including primary ground faults; Replacement)	2	Panel	Nishi – Okayama Substation	202101	202205	
394	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Main transformer LR control panel (Replacement)	1	Panel	Nishi – Okayama Substation	202101	202205	
395	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Automatic voltage regulator (66 kV; Digital voltage adjustment relay method; For DC distribution transformers; Replacement)	1	Set	Mizushima Power Station	202105	202301	
396	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Interconnection transformer LR control panel (For reconstruction of main building)	1	Panel	Nishi – Hiroshima Substation	202005	202302	
397	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Protective relay panel (Distribution transformer primary; Replacement)	1	Panel	Miyoshi Substation	202107	202203	
398	Protective devices	transmission lines protectors	110-kV transmission line relay (DZ/DG; Replacement)	1	Panel	Kasaoka Substation	202008	202203	
399	Protective devices	transmission lines protectors	110-kV protective relay (8 circuits)	1	Set	toshinden Substation	202010	202202	
400	Protective devices	transmission lines protectors	500-/220-kV transmission line relay (DZ/DG; Replacement)	2	Panel	Higashi-Okayama Substation	202012	202112	
401	Protective devices	transmission lines protectors	110-kV protective relay (Consolidated + divided current differential relaying system; Replacement)	2	Panel	Shimonoseki Power Station	202010	202111	
402	Protective devices	transmission lines protectors	110-kV protective relay (Consolidated + divided current differential relaying system; Replacement)	2	Panel	Shimonoseki Substation	202010	202208	

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403	Protective devices	transmission lines protectors	110-kV protective relay (Single-phase voltage; Replacement)	1	Panel	Shimonoseki Power Station	202011	202109	Corporate Finance and Procurement Div. (Materials and equipment procurement)
404	Protective devices	transmission lines protectors	110-kV protective relay (Single-phase voltage; Replacement)	1	Panel	Ube Substation	202102	202209	
405	Protective devices	transmission lines protectors	66-kV protective relay (Single-phase voltage; Replacement)	1	Panel	Ube Substation	202102	202209	
406	Protective devices	transmission lines protectors	66-kV transmission line relay (Replacement)	1	Panel	Tokuyama Substation	202104	202309	
407	Protective devices	Automatic recovery equipment	110-kV automatic recovery equipment (Circuit unit system (with a fail-safe circuit); 700-mm wide; 7 circuits; Test plug (quadropole TP-101 for PTT) x 9; Accessory box x 1; Replacement)	1	Set	Tamashima Power Station	202006	202106	
408	Protective devices	Automatic recovery equipment	Panel used to stop and/or shut down all operations (For replacement of automatic recovery equipment used at the station)	1	Panel	Tamano Substation	202006	202111	
409	Protective devices	Automatic recovery equipment	110-kV ARE (6-cct specifications; 5 cct installed)	1	Set	Kannon Substation	202007	202209	
410	Protective devices	Automatic recovery equipment	22-kV ARE (6-cct specifications; 1 cct installed)	1	Set	Kannon Substation	202007	202209	
411	Protective devices	Automatic recovery equipment	Automatic recovery equipment (350-mm wide; Dual-circuit unit installed; Dual-circuit spare wiring installed; Replacement)	1	Panel	Matsunaga Substation	202009	202202	
412	Protective devices	Automatic recovery equipment	110-kV ARE (Replacement of 4 circuits)	1	Panel	Manohira Power Station	202103	202205	
413	Protective devices	Automatic recovery equipment	66-kV ARE (Replacement of 2 circuits)	1	Panel	Nishikini Power Station	202104	202307	
414	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system DZ/DG x 1 circuit)	1	Set	Tsuda Substation	202005	202102	
415	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system DZ/DG x 1 circuit)	1	Set	Tsuda Substation	202005	202102	

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416	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system DZ/DG x 2 circuits; For replacement of Ry for Hitachi Metals-Yasugi Line)	1	Set	Yasugi Substation	202010	202209	Corporate Finance and Procurement Div. (Materials and equipment procurement)
417	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system PCM + DZ/DG (1/2 L integration with 2 main systems + 1/2 L backup))	3	Panel	Nishikimachi Substation	202004	202201	
418	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system PCM + DZ/DG (1/2 L integration with 2 main systems + 1/2 L backup))	3	Panel	Furumatsu Substation	202004	202201	
419	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system PCM + DZ/DG (1/2 L integration with 2 main systems + 1/2 L backup))	3	Panel	Tamachi Substation	202004	202201	
420	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system PCM + DZ/DG (1/2 L integration with 2 main systems + 1/2 L backup))	3	Panel	Shimada Substation	202004	202201	
421	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system SS/SG + DZ/DG (With 10th))	2	Panel	Tsuyama Substation	202005	202107	
422	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system PCM + DZ/DG (1/2 L integration with 2 main systems + 1/2 L backup))	3	Panel	Kasaoka Substation	202005	202108	
423	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system SS/SG + DZ/DG)	2	Panel	Takahashi Substation	202005	202108	
424	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system SS/SG + DZ/DG (With 10th))	2	Panel	Kume Substation	202005	202203	
425	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system SS/SG + DZ/DG (With 10th))	2	Panel	Tsuyama Substation	202005	202203	
426	Protective devices	transmission lines protectors	Protective relay (OC + OVG; 1 circuit; For replacement of a rely for Kurodori Guy)	1	Panel	Kurodori Power Station	202006	202110	
427	Protective devices	transmission lines protectors	OC/OVG relay (350 mm; 1 circuit; For replacement of a relay for Iri Guy)	1	Panel	Iri Power Station	202006	202110	
428	Protective devices	transmission lines protectors	DZ/DG relay (For replacement of a relay for Hibi Kyodo Smelting Line)	1	Panel	Tamano Substation	202010	202203	

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429	Protective devices	transmission lines protectors	SS relay (Integration of 2 systems), DZ relay (Unit separation) (For replacement of a relay panel for Kushida-Kotoura Line)	2	Panel	Kushida Substation	202012	202203	Corporate Finance and Procurement Div. (Materials and equipment procurement)
430	Protective devices	transmission lines protectors	SS relay (Integration of 2 systems), DZ relay (Unit separation) (For replacement of a relay panel for Hayashima-Kushida Line)	2	Panel	Kushida Substation	202012	202203	
431	Protective devices	transmission lines protectors	PCM + DZ/DG relay (2 main systems + backup; 3 panels; For Hokuseihiroshima Line)	3	Panel	Kita – Substation	202007	202109	
432	Protective devices	transmission lines protectors	PCM + DZ/DG relay (1 main system + backup; For Kannon Guy)	3	Panel	Kannon Substation	202007	202109	
433	Protective devices	transmission lines protectors	Directional distance protective relay (DZ/DG x 1 circuit; For replacement of Ry for Tojo Line)	1	Panel	Tojo Substation	202008	202110	
434	Protective devices	transmission lines protectors	Primary protective (current differential) relay (2 panels), backup protective relay (DZ + DG 2; 1 panel) (For replacement of protective relays for Fukuyama Connecting Line)	3	Panel	Fukuyama Substation	202009	202109	
435	Protective devices	transmission lines protectors	Primary protective (current differential) relay (2 panels), backup protective relay (DZ + DG 2; 1 panel) (For replacement of protective relays for Hirano Guy)	3	Panel	Hirano Substation	202009	202109	
436	Protective devices	transmission lines protectors	Primary protective relay (DZ + DG; For replacement of a protective relay for Shinichi-Ekiya Line)	1	Panel	Shinichi Substation	202009	202112	
437	Protective devices	transmission lines protectors	DZ/DG relay (For Seinanihiroshima Line)	1	Panel	Minami-Hirosshima Substation	202101	202203	
438	Protective devices	transmission lines protectors	DZ/DG relay (For Mitsubishi-Eba Line)	1	Panel	Kannon Substation	202101	202203	
439	Protective devices	transmission lines protectors	Transverse differential relaying system (SS + DZ/DG x 2 circuits: For replacement of Ry for Otagawa Line)	2	Panel	Manohira Power Station	202103	202205	
440	Protective devices	transmission lines protectors	Protective relay (Resistance grounding system DZ/DG x 1 circuit (For 110-kV bus tie relay))	1	Panel	Shin – Tokuyama Substation	202004	202209	
441	Protective devices	transmission lines protectors	Overload circuit breaker equipment (For replacement of an OCL relay for 110-kV transmission lines)	1	Panel	Ogori Substation	202009	202205	

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442	Protective devices	transmission lines protectors	Transverse differential relaying system (For replacement of relays for 66-kV Tokuyama-Nanyo Line)	2	Panel	Nanyo Substation	202104	202307	Corporate Finance and Procurement Div. (Materials and equipment procurement)
443	Protective devices	transmission lines protectors	Directional distance protective relay (DZ + DG; For replacement of a relay for Nishikigawa Line No. 3)	1	Panel	Miwa Substation	202104	202308	
444	Protective devices	Other protectors	110-kV protective relay (DZ/DG x 1 circuit; For Sakaiminato Biomass Interconnection)	1	Set	Sakaiminato Substation	202008	202107	
445	Protective devices	Other protectors	Transfer circuit breaker equipment (Installation; For bank reverse power flow countermeasures)	1	Panel	Hirai Substation	202006	202106	
446	Protective devices	Other protectors	Transfer circuit breaker equipment (Installation; For bank reverse power flow countermeasures)	1	Panel	Minami-Okayama Substation	202006	202106	
447	Protective devices	Other protectors	Transfer circuit breaker equipment (Installation; For bank reverse power flow countermeasures)	1	Panel	Minato Switching Station	202006	202106	
448	Protective devices	Other protectors	Under-frequency relay (Replacement; 7 circuits (10 circuits maximum); Bus voltage = 110 kV)	1	Set	Mizushima Power Station	202110	202212	

FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

Hydro-power/civil engineering/internal

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1	Internal combustion equipment	Devices for internal combustion power generation	Silencer (For Unit 1)	1	Set	Saigou Power Station	202004	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
2	Internal combustion equipment	Devices for internal combustion power generation	Main shaft of the internal combustion engine (For Unit 3)	1	Set	Saigou Power Station	202004	202103	
3	Internal combustion equipment	Devices for internal combustion power generation	Engine control panel (For replacement of automatic control panel for Unit 3; Including installation and adjustment)	1	Set	Saigou Power Station	202010	202111	
4	Internal combustion equipment	Devices for internal combustion power generation	Automatic control panel (For replacement of automatic control panel for Unit 3)	1	Set	Saigou Power Station	202010	202111	

FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

Communication equipment

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1	Communication equipment	Cyclic digital data transmission equipment (CDT)	Replacement of CDT at Tottori Control Relay Station (Including installation and adjustment)	1	Set	Tottori Control Relay Station	202010	202202	Corporate Finance and Procurement Div. (Materials and equipment procurement)
2	Communication equipment	Cyclic digital data transmission equipment (CDT)	Replacement of CDT at the common facility of Kabe Power Station (Data transmission equipment (With Word editing function))	1	Set	Ootagawa Power Station	202008	202106	
3	Communication equipment	Oscilloscope transmission equipment	Oscilloscope transfer/transmission equipment (With network support)	1	Panel	Tamachi Substation	202004	202104	
4	Communication equipment	Oscilloscope transmission equipment	Oscilloscope transfer/transmission equipment (With network support)	1	Panel	Minato Switching Station	202005	202202	
5	Communication equipment	Oscilloscope transmission equipment	Oscilloscope transmission equipment (With network support)	1	Panel	Ogori Substation	202005	202204	
6	Communication equipment	Oscilloscope transmission equipment	Oscilloscope transmission equipment (With network support)	1	Panel	Nishi-Ube Substation	202005	202207	
7	Communication equipment	Optical terminal equipment	Trunk SDH for Central Telecommunications Center (SDMPLUS-NW (reused item) x 2, monitoring control system x 1, N1.5 MIF board x 13, power panel x 2, on-site adjustment and trial operation)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202010	
8	Communication equipment	Optical terminal equipment	150-M optical terminal equipment (Unit type; Replacement)	11	Unit	Masuda Control Center, etc. x 10 locations	202006	202110	
9	Communication equipment	Optical terminal equipment	Optical wavelength multiplex terminal equipment (For installation of WDM)	1	Set	Kuse Control Relay Station,etc.	202004	202009	
10	Communication equipment	Optical terminal equipment	Carrier-frequency terminal equipment (6M-OPT/MUX)	2	Rack	Takahashi Substation	202004	202011	
11	Communication equipment	Optical terminal equipment	Cr-MUX (x 4)	1	Set	Higashi-Okayama Substation,etc.	202005	202107	
12	Communication equipment	Optical terminal equipment	SDH x 1 (For upgrading Sanyo Trunk Ring)	1	Set	Okayama Regional Office	202005	202112	

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13	Communication equipment	Optical terminal equipment	SDH x 1 (For upgrading Sanin Trunk Ring)	1	Set	Okayama Regional Office	202005	202112	Corporate Finance and Procurement Div. (Materials and equipment procurement)
14	Communication equipment	Optical terminal equipment	Small-capacity carrier-frequency terminal equipment 1.5 M-MUX (For setting up a telephone stand circuit)	6	Unit	Kuse Control Relay Station, etc.	202006	202012	
15	Communication equipment	Optical terminal equipment	Portable optical terminal equipment	4	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202101	
16	Communication equipment	Optical terminal equipment	Broadband transmission equipment (Rack type x 1; For replacement of trunk SDH)	1	Set	Hiroshima Substation, etc.	202005	202109	
17	Communication equipment	Optical terminal equipment	Broadband transmission equipment (WDM equipment x 2; Extension board (transponder) x 5; For power distribution automating system)	1	Set	Shin – Hiroshima Substation, etc.	202009	202109	
18	Communication equipment	Optical terminal equipment	Broadband transmission equipment (Unit type x 10; For maintenance of Otake-Hatsukaichi local SDH network)	1	Set	Kuba Power Station, etc	202101	202112	
19	Communication equipment	Optical terminal equipment	150-M looped optical terminal equipment (Rack type x 2; Unit type x 4; For replacement of broadband transmission equipment for Miyoshi area (Term II))	6	Unit	Kannose Power Station, etc. x 5 locations	202103	202109	
20	Communication equipment	Discharge warning systems	Discharge warning system (including alarm speaker)	1	Set	Fukumasugawa Dam	202004	202010	
21	Communication equipment	Radio equipment	TM monitoring equipment, relay equipment, aerial line, etc. (Replacement of TM radio for Omiya Dam)	1	Set	Kurosaka Power Station	202012	202112	
22	Communication equipment	Radio equipment	TM radio, wired observation system, aerial line, etc. (Replacement of meteorological TM radio for Hamahara Dam system)	1	Set	Akatsuka Power Station	202012	202112	
23	Communication equipment	Other communication equipment	WDM for 10 G (For installation of trunk SDH (Sanin Trunk Ring 1))	1	Set	Tottori Control Relay Station, Tizu Substation	202004	202009	
24	Communication equipment	Other communication equipment	WDM (WDM + 600 M TRPN)	1	Set	Yonago Control Center	202004	202012	
25	Communication equipment	Other communication equipment	CR-MUX (For replacement of CR-MUX for Kitamatsue Trunk Line)	3	Unit	Hino Substation	202008	202108	

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26	Communication equipment	Other communication equipment	Edge routers (SRX1500-AC-JSE x 2; SRX550-HM-AC x 2; SRX300 x 2), etc. (For setting up a circuit following the replacement of power distribution automating system)	1	Set	Tottori Network Centers, Kurayoshi Network Centers	202009	202109	Corporate Finance and Procurement Div. (Materials and equipment procurement)
27	Communication equipment	Other communication equipment	M/C x 2/L2SW x 2/ER x 2 (Masuda NWC), M/C x 2/L2SW x 2/ER x 2 (Hamada NWC), WDM x 1 (Nishishimane Substation) (For maintenance of a circuit following the replacement of power distribution automating system)	1	Set	Masuda Network Centers, Hamada Network Centers, Nishi – Shimane Substation	202004	202010	
28	Communication equipment	Other communication equipment	Information communication support system x 2	1	Set	Sanin Control Center	202004	202101	
29	Communication equipment	Other communication equipment	Edge routers (SRX1500; SRX550; SRX300), M/C, L2SW (For setting up a circuit following the replacement of power distribution automating system)	1	Set	Matsue Network Centers, etc.	202004	202103	
30	Communication equipment	Other communication equipment	CWDM (Modification of the setup of the IP network used for system operation to introduce OPGW section)	2	Unit	Higashi – Masuda Substation, Misumi Substation	202006	202011	
31	Communication equipment	Other communication equipment	Ultra-long distance CWDM (Approximately 130 km to Shinyamaguchi Substation)	1	Unit	Nishi-Shimane Substation	202006	202101	
32	Communication equipment	Other communication equipment	Board (Additionally installed) for Fujitsu's CR-MUX (EDCR-MUX)	1	Set	Misumi Power Station, Nishi – shimane Substation	202006	202102	
33	Communication equipment	Other communication equipment	Meteorological observation interception system (Kijima Dam; For replacement)	1	Unit	Ushio Power Station	202012	202112	
34	Communication equipment	Other communication equipment	BU telephone stand (Telephone stand (board); Circuit switching device x 1; 150-M looped optical terminal equipment x 1)	1	Set	Sanin Control Center	202101	202201	
35	Communication equipment	Other communication equipment	Wireless LAN AP x 90, etc. (For maintenance of wireless LAN environment following the introduction of video terminals)	1	Set	Higashi – Okayama Substation, etc.	202005	202010	
36	Communication equipment	Other communication equipment	PoE-SW, PoE injector x 90, etc. (For maintenance of wireless LAN environment following the introduction of video terminals)	1	Set	Higashi – Okayama Substation, etc.	202005	202010	
37	Communication equipment	Other communication equipment	Edge router x 4 (For setting up a circuit for the replacement of power distribution automating system)	1	Set	Kurashiki Network Centers, etc.	202005	202103	
38	Communication equipment	Other communication equipment	WDM for 10 G x 1 (For upgrading Sanin Trunk Ring)	1	Set	Okayama Regional Office, etc.	202005	202112	

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39	Communication equipment	Other communication equipment	Edge router x 8 (For setting up a circuit for the replacement of power distribution automating system)	1	Set	Okayama Network Centers,etc.	202005	202203	Corporate Finance and Procurement Div. (Materials and equipment procurement)
40	Communication equipment	Other communication equipment	Transponder for 10 G (For setting up a circuit following the upgrading of power distribution automating system)	4	Unit	Tsuyama Network Centers	202102	202201	
41	Communication equipment	Other communication equipment	Devices for IP network routers for system operation (MIC x 4; SFP_10G-S x 8; For setting up a circuit following the upgrading of power distribution automating system)	1	Set	Tsuyama Network Centers	202102	202201	
42	Communication equipment	Other communication equipment	IP network devices for operation of central load dispatching system (ER unit (for band assurance) SRX550-HM-AC x 1; ER unit (for best effort) SRX550-HM-DC x 1; SFP for 10 G (MIC) x 1; SFP for 10 G (XFP-10G-Z-OC192-LR2) x 1; L2SW for device connection x 1; Installation, adjustment, and trial operation)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202009	
43	Communication equipment	Other communication equipment	600-M transponder x 6, SFP (Network side x 6; Client side x 6) (Additional installation of DWDM board following the replacement of trunk SDH)	1	Set	Fukuyama Substation, etc. x 3 locations	202004	202009	
44	Communication equipment	Other communication equipment	Channel converter (HYB-REP)	7	Unit	Miyoshi Service Office,Miyoshi Substation,Shin – Kumami Power Station,Miyoshi Power Management Office,Kouda	202004	202012	
45	Communication equipment	Other communication equipment	IP network management system	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202101	
46	Communication equipment	Other communication equipment	Local IP network traffic monitoring system (Local IP network traffic monitoring system x 1; Repair of management system (Proactnes); Installation, adjustment, and trial operation)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202101	
47	Communication equipment	Other communication equipment	Information communication support system x 2, etc. (Maintenance terminals, etc.; For on-site installation, adjustment, and trial operation)	2	Unit	Hiroshima kita – Control Center	202004	202103	
48	Communication equipment	Other communication equipment	Wavelength multiplexing system (Extension board; For replacement of trunk SDH)	1	Set	Hiroshima Substation,etc.	202005	202012	
49	Communication equipment	Other communication equipment	Software for image recorders x 1, software for monitoring terminals x 4 (Including adjustment and trial operation; For modification of software following the installation of an ITV integration system for electric power system stations)	1	Set	Hiroshimakira Control Center,Hiroshimakita Network Centers,Miyoshi Network Centers,Akioota Office	202006	202103	
50	Communication equipment	Other communication equipment	Edge router x 6, L2SW x 4 (For power distribution automating system)	1	Set	Higashi – Hiroshima Network Centers,etc.	202009	202109	
51	Communication equipment	Other communication equipment	Edge router (SRX550 x 2; SRX1500 x 2)/L2SW x 2 (Fukuyama NWC), edge router (SRX300 x 2)/L2SW x 2 (Onomichi NWC) (For installation of IP network for system operation following the replacement of power distribution automating system)	1	Set	Hukuyama Network Centers,Onomichi Network Centers	202010	202106	

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52	Communication equipment	Other communication equipment	Network synchronization system (NSE-S; Including on-site adjustment)	1	Rack	Yamaguchi Substation	202004	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
53	Communication equipment	Other communication equipment	Network synchronization system (NSE-S; Including on-site adjustment)	1	Rack	Shin-Yamaguchi Substation	202004	202010	
54	Communication equipment	Other communication equipment	CR-MUX OPT board (Additional)	4	Piece	Higashi-Yamaguchi Substation	202007	202012	
55	Communication equipment	Other communication equipment	CR-MUX OPT board (Additional)	4	Piece	Shin – Tokuyama Substation	202007	202012	

FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

Distribution equipment

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1	Electric energy meters	Potential transformers/Current transformers	6-kV instrument transformer	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202110	Corporate Finance and Procurement Div. (Materials and equipment procurement)
2	Electric energy meters	Potential transformers/Current transformers	VT, CT	1	Set	Shin – Ooro Power Station	202007	202109	
3	Electric energy meters	Potential transformers/Current transformers	VCT (MTr secondary)	1	Set	Kurosaka Power Station	202102	202111	
4	Electric energy meters	Potential transformers/Current transformers	7.2-kV VCT	2	Unit	Tsuyama Substation	202008	202108	
5	Electric energy meters	Potential transformers/Current transformers	6-kV VCT	2	Unit	Ootagawa Power Station	202008	202112	
6	Electric energy meters	Extra-high voltage instrument transformers	110-kV extra-high voltage instrument transformer (Directly coupled with gas-insulated switchgear)	1	Set	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202005	202110	
7	Electric energy meters	Extra-high voltage instrument transformers	22-kV extra-high voltage instrument transformer (Air-insulated)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202108	
8	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer	1	Unit	Akatsuka Power Station	202004	202110	
9	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (Directly coupled with gas-insulated switchgear)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202110	
10	Electric energy meters	Extra-high voltage instrument transformers	11-kV extra-high voltage instrument transformer (For installation of metering equipment for business purposes)	1	Set	Ushio Power Station	202006	202112	
11	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (Directly coupled with GIS)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202010	202203	
12	Electric energy meters	Extra-high voltage instrument transformers	220-kV extra-high voltage instrument transformer (Air-insulated)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202212	

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13	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (VCT (66 kV/110 VVT; 600/5 ACT); For installation of electric energy meters)	1	Unit	Tahara Power Station	202007	202109	
14	Electric energy meters	Extra-high voltage instrument transformers	33-kV extra-high voltage instrument transformer (VCT directly coupled with GIS; For periodic replacement of extra-high voltage metering equipment)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202010	202110	
15	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (Air-insulated VCT; For periodic replacement of extra-high voltage metering equipment)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	202204	
16	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (Air-insulated; For periodic replacement of instruments)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	FY 2021 and after	
17	Electric energy meters	Extra-high voltage instrument transformers	22-kV extra-high voltage instrument transformer (Air-insulated; For periodic replacement of instruments)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	FY 2021 and after	
18	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (Directly coupled with GIS; For periodic replacement of instruments)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	FY 2021 and after	
19	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (Directly coupled with GIS; For periodic replacement of instruments)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	FY 2021 and after	
20	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer (Air-insulated; For periodic replacement of instruments)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202103	FY 2021 and after	
21	Electric energy meters	Extra-high voltage instrument transformers	22-kV extra-high voltage instrument transformer	1	Unit	Kuba Power Station	202004	202110	
22	Electric energy meters	Extra-high voltage instrument transformers	66-kV extra-high voltage instrument transformer	2	Unit	Kuba Power Station	202004	202110	
23	Electric energy meters	Extra-high voltage instrument transformers	22-kV extra-high voltage instrument transformer	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	–	
24	Electric energy meters	Extra-high voltage instrument transformers	220-kV extra-high voltage instrument transformer (CT x 6; PD x 6)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	–	
25	Electric energy meters	Extra-high voltage instrument transformers	11-kV extra-high voltage instrument transformer (VCT; For installation of metering equipment)	1	Unit	Ootagawa Power Station	202008	202112	

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26	Electric energy meters	Extra-high voltage instrument transformers	Extra-high voltage instrument transformer (11-kV VT x 2/CT x 2; 6-kV VT x 2/CT x 2; For replacement of 11-kV distribution transformer primary CB, etc.)	8	Unit	Morihara Power Station	202101	202111	
27	Electric energy meters	Extra-high voltage instrument transformers	220-kV extra-high voltage instrument transformer (PT; CT x 2)	2	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202206	
28	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (450 kvar)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	Corporate Finance and Procurement Div. (Materials and equipment procurement)
29	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (450 kvar)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
30	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (750 kvar)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
31	Distribution equipment	SSC/SSR	Overhaul of automatic voltage regulator SSR	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202009	
32	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (450 kvar)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
33	Distribution equipment	SSC/SSR	Overhaul of automatic voltage regulator SSR	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202010	
34	Distribution equipment	SSC/SSR	Overhaul of automatic voltage regulator SSR	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202010	
35	Distribution equipment	SSC/SSR	Overhaul of automatic voltage regulator SSR	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202010	202103	
36	Distribution equipment	SSC/SSR	Automatic voltage regulator SSC	4	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	
37	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (1,000 kvar)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	
38	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (1,000 kvar)	2	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	

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39	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (450 kvar)	2	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	
40	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (750 kvar)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	
41	Distribution equipment	SSC/SSR	Automatic voltage regulator SSR (750 kvar)	3	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	
42	Distribution equipment	SSC/SSR	Automatic voltage regulator SSC system (450 kvar)	2	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	FY2020	202010	
43	Distribution equipment	SVR	Overhaul of static var compensator SVG	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
44	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
45	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
46	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
47	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
48	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
49	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
50	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
51	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	Corporate Finance and Procurement Div. (Materials and equipment procurement)

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52	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
53	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
54	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
55	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (6 kV; 4 MVA; 100 V between taps)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
56	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
57	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
58	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
59	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
60	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	3	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
61	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
62	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202004	202010	
63	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202010	Corporate Finance and Procurement Div. (Materials and equipment procurement)
64	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source (4 MVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Shimane Pref.)	202005	202010	

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65	Distribution equipment	SVR	Static var compensator SVG (300 kvar)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202010	
66	Distribution equipment	SVR	Automatic voltage regulator SVR compatible with dispersed power source	9	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	
67	Distribution equipment	SVR	Overhaul of automatic voltage regulator SVR compatible with dispersed power source (5,000 kVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	202004	202009	
68	Distribution equipment	Other regulating and phase modification equipment	Thyristor-type automatic voltage regulator (4,000 kVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
69	Distribution equipment	Other regulating and phase modification equipment	Thyristor-type automatic voltage regulator (4,000 kVA)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202004	202009	
70	Distribution equipment	Other regulating and phase modification equipment	STATCOM (6.6 kV; ±300 kvar; Salt-resistant specifications)	10	Unit	Kuroki Power Station	FY2020	202103	
71	Distribution equipment	High-voltage service wire switches	High-voltage service wire switch (For 2 branches)	5	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202010	
72	Distribution equipment	High-voltage service wire switches (T-shaped terminals)	High-voltage service wire switch (For service wire of T-shaped terminal 1; Salt resistance; For drawing in cables for the purpose of laying distribution lines underground below General National Route 9 in Asada area of Yamaguchi)	7	Unit	Location specified by Chugoku Electric Transmission & Distribution(Yamaguchi Pref.)	FY2020	202009	
73	Distribution equipment	On-street transformers	On-street transformer (50 + 30 kVA x 1; 100 + 50 kVA x 3; For laying distribution lines underground below General National Route 179 (Ninomiya, Tsuyama-shi))	4	Unit	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202010	2202103	
74	Distribution equipment	On-street transformers	On-street transformer (100 + 50 kVA)	8	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202005	202010	
75	Transformers	Distribution towers	Transformer unit for distribution towers (Compact model 10 MVA) (Installation of Shimogamo Distribution Tower)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202203	Corporate Finance and Procurement Div. (Materials and equipment procurement)
76	Transformers	Distribution towers	Switchgear and remote controller monitoring unit for distribution towers (Compact model 10 MVA) (Installation of Shimogamo Distribution Tower)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202009	202203	
77	Transformers	Distribution towers	Transformer unit for distribution towers (Traditional model) (Installation of Oguni Distribution Tower)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	

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78	Transformers	Distribution towers	Switchgear unit for distribution towers (Traditional model) (Installation of Oguni Distribution Tower)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202103	
79	Transformers	Distribution towers	Distribution tower (Traditional 100-MVA model)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	-	
80	Transformers	Distribution towers (Repair/Inspection)	22-kV switchgear remote monitoring control system (Child station; Transformer room; Replacement)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202101	202203	

FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

Other equipment

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No	Facilities Classification	Item Name	Article Name/Construction Name/Work Task Name	Qty.	Unit	Delivery/Construction/ Implementation Locations	Scheduled Procurement Date	Contract Group (Scheduled)	Contract Group (Scheduled)
1	Other equipment	ITV (Industrial-use TV, monitoring camera)	ITV integration system (Installation)	1	Unit	Okayama Control Center	202005	202102	Corporate Finance and Procurement Div. (Materials and equipment procurement)
2	Other equipment	ITV (Industrial-use TV, monitoring camera)	ITV system (Monitoring camera; Speaker; Indoor control system (Including installation))	1	Set	Ibara Switching Station	202005	202103	
3	Other equipment	ITV (Industrial-use TV, monitoring camera)	ITV system (Replacement of NW camera x 15/Monitoring terminal x 1, etc.; Abanaka, etc.)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202006	202010	
4	Other equipment	ITV (Industrial-use TV, monitoring camera)	ITV system (Additional installation of intrusion alarm system (including camera) following the reconstruction of steel towers)	1	Set	Higashi-Hiroshima Substation	202006	202012	
5	Other equipment	ITV (Industrial-use TV, monitoring camera)	ITV system (ITV camera; Server; Monitoring terminal; Including installation and adjustment)	1	Set	Yamaguchi Substation,etc	202004	202012	
6	Other equipment	DC power source	DC power source (3 P/200 V)	1	Unit	Hino Substation	202004	202011	
7	Other equipment	DC power source	Rectifier (200 V/200 A), storage battery (MSE-1000AH (25 cells))	1	Set	Tottori Service Office	202004	202101	
8	Other equipment	DC power source	Rectifier (48 V DC; 75 A/75 A (25 A x 3)), storage battery (500 Ah; 24 cells; MSE)	1	Set	Oota Relay station	202004	202012	
9	Other equipment	DC power source	Rectifier (For DC power source)	1	Set	Kashima Substation	202004	202101	
10	Other equipment	DC power source	DC power source	1	Set	Kozu Substation	202004	202102	
11	Other equipment	DC power source	Rectifier (48 V DC; 400 A/400 A (1,000 A x 4))	1	Unit	Matsue Service Office	202004	202108	
12	Other equipment	DC power source	Rectifier (52-cell battery)	1	Set	Saigou Power Station	202005	202103	

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No	Facilities Classification	Item Name	Article Name/Construction Name/Work Task Name	Qty.	Unit	Delivery/Construction/ Implementation Locations	Scheduled Procurement Date	Contract Group (Scheduled)	Contract Group (Scheduled)
13	Other equipment	DC power source	Storage battery (MSE; Long-life; 1,500 Ah)	1	Set	Okayama Control Center	202004	202012	Corporate Finance and Procurement Div. (Materials and equipment procurement)
14	Other equipment	DC power source	DC power source (48 V/150 A; 250 A), storage battery (1,000 Ah x 25 cells)	1	Set	Shin – Nariwagawa Power Station	202004	202012	
15	Other equipment	DC power source	DC power source (48 V/50 A x 4 units), storage battery (1,000 Ah x 25 cells)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202101	
16	Other equipment	DC power source	Rectifier (48 V/200 A; 50 A x 4 units)	1	Set	Mizushima Power Station	202004	202104	
17	Other equipment	DC power source	DC power source (48 V/100 A), storage battery (1,000 Ah x 24 cells)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Okayama Pref.)	202004	202104	
18	Other equipment	DC power source	Rectifier (48 V/200 A; 50 A x 4 units), storage battery (MSE; Long-life; 1,000 Ah)	1	Set	Kasaoka Substation	202004	202112	
19	Other equipment	DC power source	DC power source (48 V/100 A), storage battery (500 Ah x 24 cells)	1	Set	Location specified by Chugoku Electric Transmission & Distribution(Hiroshima Pref.)	202004	202106	
20	Other equipment	DC power source	Rectifier, storage battery (Including installation and adjustment)	1	Set	Hikino Substation	202004	202108	
21	Other equipment	DC power source	Rectifier (Input: 3 P/200 V; Output: 100 V/30 A), storage battery (CSE; 130 Ah)	1	Set	Seto Substation	202004	202109	
22	Other equipment	DC power source	Rectifier/storage battery (Including installation and adjustment)	1	Set	Innoshima Substation	202004	202203	
23	Other equipment	DC power source	Rectifier (48V - 250 A; Including on-site adjustment)	1	Unit	Ube Service Office	202004	202011	
24	Other equipment	Uninterruptible power supply systems	AC uninterruptible power supply system (UPS)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	202005	202103	
25	Other equipment	Uninterruptible power supply systems	AC uninterruptible power supply system (UPS; For remote monitoring system for power distribution; Replacement)	1	Unit	Location specified by Chugoku Electric Transmission & Distribution (Tottori Pref.)	FY2020	202103	

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26	Other equipment	Uninterruptible power supply systems	CVCF, storage battery (Replacement)	2	Unit	Main load dispatching control center (Okayama branch)	202009	202105	Corporate Finance and Procurement Div. (Materials and equipment procurement)
27	Other equipment	Uninterruptible power supply systems	UPS (3 kVA; Additional battery that lasts 1 hour; For integrated server B for dam monitoring and control), UPS (5 kVA; Additional battery that lasts 30 minutes; For dam monitoring and control system)	2	Set	Tsuyama Network Centers	202012	202112	
28	Other equipment	Chemical measurement equipment	Automated salt content measuring equipment (Replacement)	1	Set	Higashi-Masuda Substation	202101	202111	
29	Other equipment	Other equipment	Safety transformer's metering equipment for power transactions	1	Set	Yanai Power Station	202004	202205	Power source equipment procurement
30	Other equipment	Other equipment	Main transformer's metering equipment for power transactions	1	Set	Yanai Power Station	202004	202211	
31	Other equipment	Other equipment	Main transformer's metering equipment for power transactions	1	Set	Yanai Power Station	202004	202307	
32	Other equipment	Other equipment	Main transformer's metering equipment for power transactions	1	Set	Yanai Power Station	202004	202312	
33	Other equipment	Other equipment	Main transformer's metering equipment for power transactions	1	Set	Yanai Power Station	202004	202405	
34	Dispatch of engineers	Dispatch of engineers (power transformation-related)	Technical instructor (For replacement of potential transformers)	1	Set	Mizushima Power Station	202109	202112	
35	Dispatch of engineers	Dispatch of engineers (power transformation-related)	Technical instructor (For replacement of potential transformers)	1	Set	Mizushima Power Station	202212	202303	

Newly registered: April 2020

Chugoku Electric Power Transmission & Distribution Co., Inc.

FY2020

Main Material/Equipment Procurement Plan

Items Planned for VE Ordering

Related to Power Transmission Operations

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FY2020 Main Material/Equipment Procurement Plan Related to Power Transmission Operations

Articles to be ordered based on VE

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1	Transformers	Power transformers (Less than 220-kV) (Repair/Inspection)	Transformer cooling control panel (Repair of equipment)	1	Set	Koami Substation	202009	202112	Corporate Finance and Procurement Div. (Materials and equipment procurement)