

Procurement Plan for Electric Power Facilities

(Category: Equipment and Materials for Hydro Power Plants)

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No.	Description and Specifications			Quantity	Unit	Delivery Location	Expected RFQ Month	Delivery Month	Delivery Terms
1	Equipment and materials for hydro power plants (water intake equipment)	Jikumaru Power Station intake weir sand discharge gate	Width 3,500; height 2,000	1	gate	Jikumaru Hydro Power Station	Oct-2026	Mar-2027	Delivered after installation, adjustment and testing
2	Equipment and materials for hydro power plants (water intake equipment)	Yuyama Power Station sedimentation basin trash remover	Addition: effective width 8.09 m; hoisting capacity 0.15 t; vertical hoisting height 5.18 m	1	set	Yuyama Hydro Power Station	Jun-2026	Mar-2027	Delivered after installation and adjustment
3	Equipment and materials for hydro power plants (water intake equipment)	Kurokawa No.1 Power Station AVA guide rails and others	Installation of AVA float landing supports, guide rail backing plates, guide roller improvement, and others	1	set	Kurokawa Regulating Pond Weir	Jun-2026	Mar-2027	Delivered after installation and adjustment
4	Equipment and materials for hydro power plants (water intake equipment)	Iwayado Power Station No.1 intake automatic trash remover	Replacement of No.1 intake automatic trash remover at Iwayado Power Station	1	set	Iwayado Dam	Apr-2029	Mar-2030	Delivered after installation, adjustment and testing
5	Equipment and materials for hydro power plants (water intake equipment)	Otatsu Power Station head tank sand discharge gate	Width 1,300; height 1,500	1	gate	Otatsu Hydro Power Station	Aug-2026	Jan-2027	Delivered after installation, adjustment and testing
6	Equipment and materials for hydro power plants (water intake equipment)	Otatsu Power Station head tank sand discharge gate	Width 1,300; height 1,500	1	gate	Otatsu Hydro Power Station	Aug-2026	Jan-2027	Delivered after installation, adjustment and testing
7	Equipment and materials for hydro power plants (water intake equipment)	Kuwanouchi Power Station intake trash remover	Replacement of intake trash remover at Kuwanouchi Power Station	1	set	Kuwanouchi Dam	Mar-2027	Mar-2028	Delivered after installation, adjustment and testing
8	Equipment and materials for hydro power plants (water intake equipment)	Tailrace control gate hoist	Modification of tailrace control gate hoist	1	set	Matsuyama Hydro Power Station	Oct-2026	Jan-2027	Delivered after installation, adjustment and testing
9	Equipment and materials for hydro power plants (water turbines)	parts for disassembling and repairing works of hydro turbine generator	Overhaul parts	1	set	Yamasubaru Hydro Power Station	Jun-2027	Sep-2028	Confirmation test
10	Equipment and materials for hydro power plants (water turbines)	parts for disassembling and repairing works of hydro turbine generator	Overhaul parts (type: VF-1RS; output: reference 10,700; speed: 900 rpm)	1	set	Furuyashiki Hydro Power Station	Apr-2027	Apr-2028	Delivered on truck
11	Equipment and materials for hydro power plants (water turbines)	No.1 pump-turbine generator-motor disassembly repair parts and others	Overhaul parts (pump-turbine, generator-motor, auxiliary equipment and others)	1	set	Omarugawa Pumped Storage Power Station	Mar-2027	Oct-2028	Delivered after adjustment
12	Equipment and materials for hydro power plants (generators)	Generator-motor stator	Three-phase AC synchronous generator-motor [316 MVA/325 MW, speed 400 rpm], air coolers, cooling piping, upper and lower blowers	1	set	Tenzan Pumped Storage Power Station	Jun-2027	Sep-2030	Delivered after adjustment and testing
13	Equipment and materials for hydro power plants (generators)	Excitation control panels and others	Excitation control panels: 2 panels; thyristor rectifier panels: 3 panels; governor control panel: 1 panel	1	set	Tenzan Pumped Storage Power Station	Sep-2027	Dec-2030	Delivered after adjustment and testing
14	Equipment and materials for hydro power plants (generators)	Thyristor starting equipment and others	Thyristor starting equipment: 10 panels; thyristor starting control panels: 4 panels	1	set	Tenzan Pumped Storage Power Station	Jun-2027	Aug-2031	Delivered after adjustment and testing
15	Equipment and materials for hydro power plants (electrical equipment)	Automatic control panel	Protection relay, automatic voltage regulator, integrated generator and automatic control panel	1	set	Kawakamigawa No.2 Hydro Power Station	Oct-2026	Dec-2027	Delivered after testing
16	Equipment and materials for hydro power plants (electrical equipment)	Synchronizing circuit breaker and others	Synchronizing circuit breaker, phase reversal disconnecting switch, IPB modification parts and others	1	set	Omarugawa Pumped Storage Power Station	Oct-2027	Sep-2029	Delivered after adjustment and testing
17	Equipment and materials for hydro power plants (electrical equipment)	Common automatic control panels and others	Control panels for starting equipment and others (16 panels including common automatic control panels)	1	set	Omarugawa Pumped Storage Power Station	Oct-2027	Dec-2030	Delivered after adjustment and testing
18	Equipment and materials for hydro power plants (monitoring and control systems)	Integrated management system	Related repair work associated with renewal of dam integrated management system	1	set	Tosaki Dam and eight other dams	Feb-2027	Mar-2029	Delivered after repair
19	Equipment and materials for hydro power plants (other equipment)	Automatic strainers for No.1 and No.2 runner seals, No.1 and No.2 main shaft sealing water, and air compressor equipment	Existing types: VRE-4-20S, VRE-21/2-20S, VRE-2-20S	1	set	Tenzan Pumped Storage Power Station	Aug-2026	Mar-2029	Delivered on truck
20	Equipment and materials for hydro power plants (other equipment)	Dam sand discharge gate	Repair of door stops, watertight sections and others of dam sand discharge gate	1	set	Murasho Intake Weir	Oct-2026	Mar-2027	Delivered after repair

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21	Equipment and materials for hydro power plants (other equipment)	Dam auxiliary engine	Replacement of dam auxiliary engine and connection clutch	1	set	Hitotsuse Hydro Power Station Dam	May-2027	Mar-2028	Confirmation test
22	Equipment and materials for hydro power plants (other equipment)	Dam auxiliary engine	Replacement of dam auxiliary engine and connection clutch	1	set	Hitotsuse Hydro Power Station Dam	May-2027	Mar-2028	Removal of existing equipment
23	Equipment and materials for hydro power plants (other equipment)	Oil hydraulic system	No.2 oil hydraulic system control panel: 1 panel; oil hydraulic pump: 1 unit	1	set	Hitotsuse Hydro Power Station	Jan-2027	Jan-2029	Delivered after installation, adjustment and testing
24	110/66 kV transformers for substations	110/66 kV transformer	9/110 kV, 55 MVA, 82 dB	1	set	Morozuka Hydro Power Station	Jan-2027	Jan-2030	Delivered on foundation
25	Circuit breakers for 110/66 kV substations	circuit breaker (72 kV)	72 kV, 800 A, 20 kA, 3 cycles, VCB	1	set	Kusu Hydro Power Station	Nov-2026	May-2028	Delivered on truck
26	Circuit breakers for 110/66 kV substations	circuit breaker (72 kV)	72 kV, 800 A, 12.5 kA, 3 cycles, VCB, standard anti-pollution type	1	set	Kurokawa No.3 Hydro Power Station	Jan-2027	Jan-2028	Delivered on foundation
27	Circuit breakers for 110/66 kV substations	circuit breaker	7.2 kV VCB, 600 A, 12.5 kA	2	set	Ohira Pumped Storage Power Station	Feb-2027	Dec-2028	Delivered on truck
28	Circuit breakers for 110/66 kV substations	circuit breaker (110 kV)	120 kV, 4,000 A, 40 kA, 5 cycles, VCB	1	set	Morozuka Hydro Power Station	Dec-2027	Jan-2030	Delivered on truck
29	Protection relay facilities for 110/66 kV substations	Transmission line relay panel	D panel × 1 panel	1	panel	Furuyashiki Hydro Power Station	May-2027	Jan-2028	Delivered on truck
30	Enclosed switchgears for substations	Outdoor 6 kV punched-metal enclosed panel	6 kV excitation transformer box, generator synchronizing box, house transformer box (including automatic house supply transfer function)	1	set	Kyuragi Hydro Power Station	Dec-2026	Oct-2028	Delivered after testing
31	Enclosed switchgears for substations	punched-metal enclosed panel (9 kV)	One VCB (12 kV, 1,200 A, 40 kA); one transformer (9/6.9 kV, 800 kVA)	1	set	Morozuka Hydro Power Station	Apr-2028	Feb-2030	Delivered on truck
32	Enclosed switchgears for substations	punched-metal enclosed panel (7.2 kV)	VCB and two DS units (7.2 kV, 600 A, 20 kA); two transformers (6.9 kV/420-210 V)	1	set	Morozuka Hydro Power Station	Apr-2028	Feb-2030	Delivered on truck
33	Enclosed switchgears for substations	Punched-metal enclosed panel (low voltage)	One transformer (400/105 V, 30 kVA); one transformer (400/210 V, 30 kVA)	1	set	Morozuka Hydro Power Station	Apr-2028	Feb-2030	Delivered on truck
34	Lightning arresters for substations	Neutral point lightning arrester	110 kV	1	set	Yamasbaru Hydro Power Station	Jul-2027	Sep-2028	Delivered on truck
35	Switchgears for substations	7.2 kV cubicle	Incoming box, circuit breaker box (1,200 A), excitation transformer box, house transformer box (150 kVA), 2 panels, bus duct, outdoor installation	1	set	Kusu Hydro Power Station	Feb-2027	May-2028	Delivered on truck
36	Panels for substations	Islanding detection device	Interharmonic injection method: 2 panels	1	set	Ogawa Hydro Power Station	Nov-2026	Jan-2028	Delivered after adjustment and testing
37	Remote monitoring and control systems	substation server	Tandem system (master station and slave station)	1	set	Kyuragi Hydro Power Station	Sep-2027	Jun-2028	Delivered after testing
38	Remote monitoring and control systems	substation server	IP, 1 server frame, 1 I/O frame, control 48 POS, display 192 points, pulse 8 points, numerical values 3 quantities, TM 25CH 6 quantities	1	set	Shimouke Hydro Power Station	Mar-2027	Apr-2028	Delivered after installation, adjustment and testing
39	Remote monitoring and control systems	substation server	IP, 1 server frame, 1 I/O frame, control 48 POS, display 192 points, pulse 8 points, numerical values 3 quantities, TM 25CH 6 quantities	1	set	Yanagimata Hydro Power Station	Sep-2027	Dec-2029	Delivered after installation, adjustment and testing
40	Power cables for transmission lines and substations	power cables	22 kV, 150 sq. 100 m, including cable terminating materials	1	set	Kyuragi Hydro Power Station	Mar-2027	Jun-2028	Delivered on truck

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41	Power cables for transmission lines and substations	power cables	6 kV, 500 sq, 200 m, including cable terminating materials	1	set	Kyuragi Hydro Power Station	Mar-2027	Jun-2028	Delivered on truck
42	Power cables for transmission lines and substations	power cables	6 kV, CV 325 sq × single core, flame retardant and termite-proof, 180 m	1	set	Shin Sugebaru Hydro Power Station	Sep-2026	Oct-2027	Delivered on truck
43	Power cables for transmission lines and substations	power cables	11 kV, CV 800 sq, 300 m, single core, flame retardant and termite-proof	1	set	Yamasubaru Hydro Power Station	Jul-2027	Sep-2028	Delivered on truck
44	Power cables for transmission lines and substations	power cables	11 kV, CVT, 800 mm², 3C, flame retardant, termite-proof, with impervious layer and radio noise countermeasure shield	1	set	Morozuka Hydro Power Station	Jan-2028	Feb-2030	Delivery at place (DAP)
45	Cranes	Other crane electrical equipment	Control system, motor, reduction gear, brake and wire rope	1	set	Morozuka Hydro Power Station	Jun-2026	Mar-2027	Confirmation test
46	Cranes	Other crane electrical equipment	Control system, motor, reduction gear, brake and wire rope	1	set	Yamasubaru Hydro Power Station	Apr-2027	Mar-2028	Confirmation test