

Procurement Plan for Electric Power Facilities

(Category: Equipment and Materials for Thermal 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 thermal power plants (control facilities)	Server, PIO equipment and trip sequence equipment		1	set	Shin Kokura Thermal Power Station	Sep-2026	Apr-2029	Delivered after installation, adjustment and testing
2	Equipment and materials for thermal power plants (control facilities)	Turbine monitoring instruments for 1-5 shaft and others (sensors, LVDT and others)	Turbine monitoring instruments	1	set	Shin Oita Thermal Power Station	Jan-2027	Nov-2028	Delivered after commissioning
3	Equipment and materials for thermal power plants (control facilities)	Turbine monitoring instruments and main valves for 1-5 shaft and others (sensors, converters)	Turbine monitoring instruments and main valves and others	1	set	Shin Oita Thermal Power Station	Jan-2027	Nov-2028	Delivered after commissioning
4	Equipment and materials for thermal power plants (electrical equipment)	Reihoku Unit No.2 main building DC power supply equipment	Reihoku Unit No.2 main building DC power supply equipment	1	set	Reihoku Thermal Power Station	Apr-2027	Oct-2027	Delivered after commissioning
5	Equipment and materials for thermal power plants (electrical equipment)	No.2 absorption tower circulating pump motors	No.2 absorption tower circulating pump motors	4	set	Reihoku Thermal Power Station	Jun-2026	Aug-2027	Delivered on truck
6	Equipment and materials for thermal power plants (equipment of fuel system)	Matsuura Unit No.2 coal unloader	Design and manufacture of coal unloader, new installation of coal unloader, commissioning adjustment	1	set	Matsuura Thermal Power Station	Jul-2026	Jun-2029	Delivered after commissioning
7	Equipment and materials for thermal power plants (equipment of fuel system)	Modification work for No.1 unloader at Reihoku Thermal Power Station	Modification work for No.1 unloader at Reihoku Thermal Power Station	1	set	Reihoku Thermal Power Station	Apr-2027	Jun-2030	Delivered after commissioning
8	Equipment and materials for thermal power plants (boilers)	Wear repair of furnace evaporator tubes for Matsuura Unit No.1	Replacement of furnace tubes around Unit No.1 boiler deslagger	1	set	Matsuura Thermal Power Station	Jan-2027	Jun-2027	Delivered after commissioning
9	Equipment and materials for thermal power plants (boilers)	Inner UT inspection of rear flue elements for Matsuura Unit No.1	Wall thickness measurement of Unit No.1 boiler economizer tubes by inner UT	1	set	Matsuura Thermal Power Station	Jan-2027	Jun-2027	Delivered after repair
10	Equipment and materials for thermal power plants (boilers)	Inspection of ash erosion areas and other pressure parts of Reihoku Unit No.2 boiler	Inspection of ash erosion areas and other pressure parts of Reihoku Unit No.2 boiler	1	set	Reihoku Thermal Power Station	Jul-2026	Dec-2027	Delivered after commissioning
11	Equipment and materials for thermal power plants (boilers)	Inspection of SH spray desuperheater and others of Reihoku Unit No.2 boiler	Inspection of SH spray desuperheater and others of Reihoku Unit No.2 boiler	1	set	Reihoku Thermal Power Station	Dec-2026	Dec-2027	Delivered after commissioning
12	Equipment and materials for thermal power plants (turbines/generators)	F2 fuel nozzles for H100 GT in Shin Oita No.1 System, control No.15	F2 fuel nozzles: 10 cans (for one shaft) and a set of accessories	1	set	Shin Oita Thermal Power Station	Jun-2026	Sep-2028	Delivered on truck
13	Equipment and materials for thermal power plants (turbines/generators)	1st stage stator blades for H100 GT in Shin Oita No.1 System, control No.22	1st stage stator blades: 16 segments (for one shaft) and a set of accessories	1	set	Shin Oita Thermal Power Station	Jun-2026	Sep-2028	Delivered on truck
14	Equipment and materials for thermal power plants (turbines/generators)	4th stage stator blades for H100 GT in Shin Oita No.1 System, control No.11	4th stage stator blades: 18 pieces (for one shaft) and a set of accessories	1	set	Shin Oita Thermal Power Station	Jun-2026	Sep-2028	Delivered on truck
15	Equipment and materials for thermal power plants (turbines/generators)	1st stage rotor blades for H100 GT in Shin Oita No.1 System, control No.19	1st stage rotor blades: 82 pieces (for one shaft) and a set of accessories	1	set	Shin Oita Thermal Power Station	Jun-2026	Sep-2028	Delivered on truck
16	Equipment and materials for thermal power plants (turbines/generators)	1st stage shrouds for H100 GT in Shin Oita No.1 System, control No.16	1st stage shrouds: 24 pieces (for one shaft) and a set of accessories	1	set	Shin Oita Thermal Power Station	Jun-2026	Sep-2028	Delivered on truck
17	Equipment and materials for thermal power plants (turbines/generators)	Procurement of steam turbine rotor for No.2 shaft in Shin Oita Power Station No.1 System	Renewal of steam turbine rotor for No.2 shaft in No.1 System	1	set	Shin Oita Thermal Power Station	Dec-2026	Oct-2029	Delivered on truck
18	Equipment and materials for thermal power plants (turbines/generators)	4th stage shrouds for H100 GT in Shin Oita No.1 System, control No.11	4th stage shrouds: 36 pieces (for one shaft) and a set of accessories	1	set	Shin Oita Thermal Power Station	Jun-2026	Sep-2028	Delivered on truck
19	Equipment and materials for thermal power plants (turbines/generators)	GT torque converter	GT torque converter	1	set	Shin Oita Thermal Power Station	Aug-2026	Mar-2027	Delivered on truck
20	Equipment and materials for thermal power plants (turbines/generators)	Disassembly inspection of GT fuel valves for Shin Oita 1-6 shaft	Disassembly inspection of 6 fuel valves	1	set	Shin Oita Thermal Power Station	Jul-2026	Mar-2027	Delivered on truck

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21	Equipment and materials for thermal power plants (turbines/generators)	Inspection of ST main valve servomotors for Shin Oita Power Station 1-1 shaft	ST main valve servomotors (high- and low-pressure MSV and CV), total 4 units	1	set	Shin Oita Thermal Power Station	Oct-2026	Mar-2027	Delivered on truck
22	Equipment and materials for thermal power plants (turbines/generators)	Repair of steam turbine rotor blades and others for Shin Oita 1-1 shaft	Weld repair of steam turbine rotor blades	1	set	Shin Oita Thermal Power Station	Oct-2026	Dec-2026	Delivered after repair
23	Equipment and materials for thermal power plants (turbines/generators)	Repair of steam turbine nozzles and others for Shin Oita 1-1 shaft	Weld repair of steam turbine nozzles and others	1	set	Shin Oita Thermal Power Station	Oct-2026	Dec-2026	Delivered after repair
24	Equipment and materials for thermal power plants (turbines/generators)	No.2 System GT 3rd stage rotor blades	3rd stage rotor blades for 501F gas turbine	1	set	Shin Oita Thermal Power Station	Oct-2026	Apr-2028	Delivered on truck
25	Equipment and materials for thermal power plants (turbines/generators)	ST 13th stage rotor blades for 2-1 shaft	No.2 System ST 13th stage rotor blades	1	set	Shin Oita Thermal Power Station	Jul-2026	Apr-2028	Delivered on truck
26	Equipment and materials for thermal power plants (turbines/generators)	Turbine monitoring instruments for 2-4 shaft	Turbine monitoring instrument monitor cards and others	1	set	Shin Oita Thermal Power Station	Jul-2026	Jun-2029	Delivered after commissioning
27	Equipment and materials for thermal power plants (turbines/generators)	Seal oil vacuum pump for 2-1 shaft	Seal oil vacuum pump and others	1	set	Shin Oita Thermal Power Station	Oct-2026	Jun-2028	Delivered after commissioning
28	Equipment and materials for thermal power plants (turbines/generators)	Seal oil vacuum pump for 2-2 shaft	Seal oil vacuum pump and others	1	set	Shin Oita Thermal Power Station	May-2027	Dec-2028	Delivered after commissioning
29	Equipment and materials for thermal power plants (turbines/generators)	F1 cone for gas turbine in 3-1 System	For F7FA gas turbine	1	set	Shin Oita Thermal Power Station	Sep-2026	Jun-2028	Delivered on truck
30	Equipment and materials for thermal power plants (turbines/generators)	Premixer for gas turbine in 3-1 System	For F7FA gas turbine	1	set	Shin Oita Thermal Power Station	Sep-2026	Jun-2028	Delivered on truck
31	Equipment and materials for thermal power plants (turbines/generators)	3rd stage shrouds for gas turbine in 3-1 System	For F7FA gas turbine	1	set	Shin Oita Thermal Power Station	May-2027	Jun-2028	Delivered on truck
32	Equipment and materials for thermal power plants (turbines/generators)	Repair of 1st stage stator blades for gas turbine in 3-1 System	For F7FA gas turbine	1	set	Shin Oita Thermal Power Station	Oct-2026	Apr-2027	Delivered on truck
33	Equipment and materials for thermal power plants (turbines/generators)	Swirler support cylinder for 3-4 shaft gas turbine	For 501J gas turbine	1	set	Shin Oita Thermal Power Station	Feb-2027	Jan-2029	Delivered on truck
34	Equipment and materials for thermal power plants (turbines/generators)	2nd stage rotor blades for 3-4 shaft gas turbine	For 501J gas turbine	1	set	Shin Oita Thermal Power Station	Feb-2027	Nov-2028	Delivered on truck
35	Equipment and materials for thermal power plants (turbines/generators)	3rd stage stator blades for 3-4 shaft gas turbine	For 501J gas turbine	1	set	Shin Oita Thermal Power Station	Feb-2027	Nov-2028	Delivered on truck
36	Equipment and materials for thermal power plants (turbines/generators)	Spare parts including upgraded rotor blades for 3-4 shaft gas turbine	For 501J gas turbine	1	set	Shin Oita Thermal Power Station	Nov-2026	Dec-2028	Delivered on truck
37	Equipment and materials for thermal power plants (turbines/generators)	Procurement of spare parts for GT torque converter in 3-1 System	GT torque converter	1	set	Shin Oita Thermal Power Station	Jan-2027	Sep-2028	Delivered on truck
38	Equipment and materials for thermal power plants (turbines/generators)	Inspection and repair of ST diaphragm nozzles in 3-1 System	ST diaphragm	1	set	Shin Oita Thermal Power Station	Oct-2026	Nov-2027	Delivered after repair
39	Equipment and materials for thermal power plants (turbines/generators)	Procurement of spare parts including ST high-pressure 1st and 2nd stage stator blades for 3-4 shaft	For 501J gas turbine	1	set	Shin Oita Thermal Power Station	Mar-2027	Mar-2028	Delivered on truck
40	Monitoring and alarming devices	Infrared sensors, cameras and others	Renewal due to aging	1	set	Shin Oita Thermal Power Station	Jun-2026	Jul-2027	Delivered after commissioning