

Division	Equipment class	Designation	Detailed specification	Quantity	Unit	Place of delivery	Expected order	Expected delivery	Subject matter
Nuclear Power	Nuclear reactor	Alteration of supports etc.	Hamaoka Nuclear Power Plant Unit 4, alteration of building penetration pipe support etc.	1	Set	Hamaoka Nuclear Power Plant	2020/1	2022/5	Hamaoka Nuclear Power Plant Unit 4, alteration of internal overflow pipe support etc.
Nuclear Power	Nuclear reactor	Alteration of supports etc.	Hamaoka Nuclear Power Plant Unit 4, alteration of pipe support etc. in association with the HEAF measure	1	Set	Hamaoka Nuclear Power Plant	2020/1	2022/5	Hamaoka Nuclear Power Plant Unit 4, alteration of internal overflow pipe support etc.
Nuclear Power	Nuclear reactor	Alteration of supports etc.	Hamaoka Nuclear Power Plant Unit 4, alteration of containment vessel pipe support etc.	1	Set	Hamaoka Nuclear Power Plant	2020/3	2023/4	Hamaoka Nuclear Power Plant Unit 4, alteration of internal overflow pipe support etc.
Nuclear Power	Nuclear reactor	Alteration of supports etc.	Hamaoka Nuclear Power Plant Unit 4, alteration of pipe support etc. in association with the duct water stopping measure	1	Set	Hamaoka Nuclear Power Plant	2020/1	2022/5	Hamaoka Nuclear Power Plant Unit 4, alteration of internal overflow pipe support etc.
Nuclear Power	Nuclear reactor	Machinery-related articles	PLR pump leak oil spread prevention weir lid	1	Set	Hamaoka Nuclear Power Plant	2019/5	2020/9	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Nuclear reactor	Machinery-related articles	Aseismatic piping penetration, flood prevention device	1	Set	Hamaoka Nuclear Power Plant	2020/3	2022/4	Hamaoka Nuclear Power Plant Unit 4, improvement of penetration
Nuclear Power	Nuclear reactor	Machinery-related articles	Hamaoka Nuclear Power Plant Unit 4, repair of pipe support structure mounting part	1	Set	Hamaoka Nuclear Power Plant	2019/5	2022/4	Hamaoka Nuclear Power Plant Unit 4, repair of pipe support structure mounting part
Nuclear Power	Nuclear reactor	Modification of conductive path	Hamaoka Nuclear Power Plant Unit 4, modification of the conductive path of CUW system	1	Set	Hamaoka Nuclear Power Plant	2019/10	2021/3	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Power supply device	Power supply equipment	Power supply device for the freezer of the Central Control Room	1	Set	Hamaoka Nuclear Power Plant	2019/4	2021/8	Hamaoka Nuclear Power Plant Unit 3, replacement of the freezer of the Central Control Room
Nuclear Power	Emergency power supply device	Generator parts	Hamaoka Nuclear Power Plant in common, immobilization of GTG	6	Set	Hamaoka Nuclear Power Plant	2019/11	2020/9	Emergency power supply equipment (gas turbine generator) installation work
Nuclear Power	Emergency power supply device	Emergency generator, diesel type		1	unit	Hamaoka Nuclear Power Plant	2019/6	2020/2	Hamaoka Nuclear Power Exhibition Center, improvement of emergency power generation equipment
Nuclear Power	Fire extinguishing system	Machinery-related articles	Emergency gas turbine generator building, fire extinguishing system for electrical component chamber (sensing tube type fire extinguishing system)	1	Set	Hamaoka Nuclear Power Plant	2019/8	2022/3	Hamaoka Nuclear Power Plant in common, protective measure against internal fire
Nuclear Power	Fire extinguishing system	Machinery-related articles	Emergency gas turbine generator building, fire extinguishing system for electrical component chamber (package type halon fire extinguishing system)	1	Set	Hamaoka Nuclear Power Plant	2019/8	2022/3	Hamaoka Nuclear Power Plant in common, protective measure against internal fire
Nuclear Power	Fire extinguishing system	Machinery-related articles	Emergency gas turbine generator building, fire extinguishing system for quake-absorbing underground pit (package type halon fire extinguishing system)	1	Set	Hamaoka Nuclear Power Plant	2019/8	2022/3	Hamaoka Nuclear Power Plant in common, protective measure against internal fire
Nuclear Power	Fire extinguishing system	Machinery-related articles	Fire extinguishing system for elevated underground trench area	1	Set	Hamaoka Nuclear Power Plant	2019/8	2022/3	Hamaoka Nuclear Power Plant in common, protective measure against internal fire
Nuclear Power	Fire extinguishing system	Machinery-related articles	Halon fire extinguishing system for the entire area	1	Set	Hamaoka Nuclear Power Plant	2019/10	2021/12	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Fire extinguishing system	Aseismic modification	Hamaoka Nuclear Power Plant in common, aseismic modification for GTG building CO2 fire extinguishing equipment	1	Set	Hamaoka Nuclear Power Plant	2019/12	2022/3	Hamaoka Nuclear Power Plant in common, protective measure against internal fire
Nuclear Power	Air-conditioner	Damper	Air-conditioner modification damper in association with the installation of EWS and fire extinguishing system for electrical item building	1	Set	Hamaoka Nuclear Power Plant	2019/8	2021/3	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Air-conditioner	Damper	Air-conditioner damper for the freezer of the Central Control Room	2	Set	Hamaoka Nuclear Power Plant	2019/4	2021/8	Hamaoka Nuclear Power Plant Unit 3, replacement of the freezer of the Central Control Room
Nuclear Power	Air-conditioner	Damper	Modification of air-conditioner in association with the installation of fire extinguishing system for electrical component chamber of the emergency gas turbine generator building	3	Set	Hamaoka Nuclear Power Plant	2019/8	2022/3	Hamaoka Nuclear Power Plant in common, protective measure against internal fire
Nuclear Power	Air-conditioner	Damper	Gas-pressurized damper in association with the installation of halon fire extinguishing system for entire area of the nuclear reactor building and the heat exchanger building	1	Set	Hamaoka Nuclear Power Plant	2019/8	2022/3	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Air-conditioner	Damper	Gas-pressurized damper in association with the installation of halon fire extinguishing system for entire area of the nuclear reactor building and the heat exchanger building	1	Set	Hamaoka Nuclear Power Plant	2019/8	2020/3	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Air-conditioner	Refrigerator	Emergency cooling water system freezer	1	Set	Hamaoka Nuclear Power Plant	2019/4	2023/4	Hamaoka Nuclear Power Plant Unit 4, replacement of emergency cooling water system freezer
Nuclear Power	Pump	Other civil engineering components/devices	Booster pumps (SMK-M-equivalent components)	3	units	Hamaoka Nuclear Power Plant	2019/7	2020/10	Hamaoka Nuclear Power Plant, replacement of booster pumps (No. 1, 5 and 6)
Nuclear Power	Elevator	Elevator		1	Set	Hamaoka Nuclear Power Plant	2019/5	2019/12	Hamaoka Nuclear Power Plant Unit 5, aseismic reinforcement of elevators for the nuclear reactor building etc.
Nuclear Power	Applied communication equipment	Automatic fire alarm system	Fire detector in PCV	4	Set	Hamaoka Nuclear Power Plant	2019/4	2021/3	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Applied communication equipment	Automatic fire alarm system	Fire detector for SA cable tray on R/B outer walls	1	Set	Hamaoka Nuclear Power Plant	2019/8	2020/9	Hamaoka Nuclear Power Plant Unit 4, protective measure against internal fire
Nuclear Power	Waste treatment equipment	Monitoring control device	R/W monitoring control device	1	Set	Hamaoka Nuclear Power Plant	2019/5	2022/3	Hamaoka Nuclear Power Plant Unit 3, replacement of R/W monitoring control device
Nuclear Power	Waste treatment equipment	Solidification processing device	Dryer parts	1	Set	Hamaoka Nuclear Power Plant	2019/8	2020/3	Hamaoka NRW waste reduction/treatment equipment, regular inspection in 2019
Nuclear Power	Waste treatment equipment	Incinerator parts	2nd incinerator, C/F element	1	Set	Hamaoka Nuclear Power Plant	2019/10	2020/2	Hamaoka NRW waste reduction/treatment equipment, regular inspection in 2019
Nuclear Power	Measuring instrument	Monitoring station		1	Set	Each monitoring station	2019/5	2020/4	Hamaoka Nuclear Power Plant in common, replacement of the dose rate meter of monitoring station

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Nuclear Power	Measuring instrument	Environmental radioactivity measuring device	Air dose rate measuring device	1	Set	Hamaoka Nuclear Power Plant	2019/6	2020/1	Hamaoka Nuclear Power Plant in common, replenishment of supplies (monitoring car No. 1)
Nuclear Power	Measuring instrument	Environmental radioactivity measuring device	Air dose rate measuring device	1	Set	Hamaoka Nuclear Power Plant	2019/6	2020/6	Hamaoka Nuclear Power Plant in common, replenishment of supplies (monitoring car No. 2)
Nuclear Power	Measuring instrument	X-ray fluorescence analyzer	X-ray fluorescence analyzer	1	unit	Hamaoka Nuclear Power Plant	2019/5	2019/12	Hamaoka Nuclear Power Plant in common, replacement of supplies (X-ray fluorescence analyzer)(in FY2019)
Nuclear Power	Measuring instrument	Calculator parts		1	Set	Hamaoka Nuclear Power Plant	2019/4	2020/3	Hamaoka Nuclear Power Plant Unit 5, repair of process computer-related parts (in FY2019)
Nuclear Power	Measuring instrument	Body surface monitor	Body surface monitor	4	units	Hamaoka Nuclear Power Plant	2019/4	2020/3	Hamaoka Nuclear Power Plant in common, replacement of body surface monitor
Nuclear Power	Measuring instrument	Body surface monitor	Body surface monitor	3	units	Hamaoka Nuclear Power Plant	2019/4	2020/7	Hamaoka Nuclear Power Plant in common, replacement of body surface monitor
Nuclear Power	Measuring instrument	Area entrance/exit management device	Area entrance/exit management device	1	Set	Hamaoka Nuclear Power Plant	2019/7	2020/7	Hamaoka Nuclear Power Plant in common, replacement of area entrance/exit management device (in FY2020)
Nuclear Power	Measuring instrument	Waste treatment articles	Clearance measuring device (Hamaoka Nuclear Power Plant Unit 2)	1	unit	Hamaoka Nuclear Power Plant	2019/4	2020/2	Hamaoka Nuclear Power Plant in common, replenishment of supplies (clearance measuring device)
Nuclear Power	Measuring instrument	Waste treatment articles	Clearance measuring device (Hamaoka Nuclear Power Plant Unit 3)	1	unit	Hamaoka Nuclear Power Plant	2019/4	2020/8	Hamaoka Nuclear Power Plant in common, replenishment of supplies (clearance measuring device)
Nuclear Power	Measuring instrument	Exposure dose measuring device etc.	Electronic dosimeter irradiator	1	Set	Hamaoka Nuclear Power Plant	2019/5	2020/3	Hamaoka Nuclear Power Plant in common, replacement of electronic dosimeter irradiator
Nuclear Power	Other steel products etc.	Flashboard weir	For two gates of the water intake reservoir (22 pieces)	1	Set	Hamaoka Nuclear Power Plant	2019/4	2020/3	Hamaoka Nuclear Power Plant Unit 3/4, replacement of the flashboard weir of water intake equipment
Nuclear Power	Other steel products etc.	Steel pipe pile (SKK400 material)	φ800	1	Set	Hamaoka Nuclear Power Plant	2019/9	2020/6	Hamaoka Nuclear Power Plant in common, prevention work of spillover effect on the water intake reservoir overflow prevention walls
Nuclear Power	Others (components)	Chemical decontamination device-related articles	Catalyst cleaning device	1	Set	Hamaoka Nuclear Power Plant	2019/4	2020/2	Hamaoka Nuclear Power Plant in common, replenishment of supplies (Chemical decontamination device-related articles)