

Procurement Plan for Our Electric Power Facilities

(Category: Power supply equipment)

(Conditions below are subject to change.)

| Description and Specifications | | Quantity | Unit | Requesting Office/Station | Month of quotation | Month of delivery |
|--------------------------------|--|----------|------|------------------------------------|--------------------|-------------------|
| DC/DC Converters | 110 V DC/24 V DC | 1 | set | Ojika Substation | Jun-2011 | Sep-2011 |
| DC/DC Converters | 110 V DC/48 V DC | 2 | set | Higashimachi Substation | Oct-2011 | Mar-2012 |
| DC/DC Converters | 110 V DC/48 V DC | 2 | set | Chiyo Substation | Mar-2012 | Aug-2012 |
| DC/DC Converters | 110 V DC/48 V DC | 2 | set | Shirakibaru Substation | Apr-2012 | Sep-2012 |
| DC/DC Converters | 110 V DC/48 V DC | 2 | set | Kitano Substation | May-2012 | Oct-2012 |
| DC/DC Converters | 110 V DC/48 V DC | 2 | set | Naru Substation | Jun-2011 | Sep-2011 |
| Battery chargers | Thyristor type battery charger (120 A) | 1 | set | Ohira Pumped Storage Power Station | Jun-2011 | Dec-2011 |
| Battery chargers | Thyristor type battery charger (200 A) | 2 | set | Himuka Substation | Jun-2012 | Mar-2013 |
| Battery chargers | Thyristor type battery charger (30 A) | 1 | set | Senbonsugi Substation | Apr-2012 | Nov-2012 |
| Battery chargers | Thyristor type battery charger (30 A) | 1 | set | Hirose Hydro Power Ststion | Jun-2011 | Feb-2012 |
| Battery chargers | Thyristor type battery charger (30 A) | 1 | set | Otatsu Hydro Power Station | Aug-2011 | Apr-2012 |
| Battery chargers | Thyristor type battery charger (50 A) | 1 | set | Ikeda Substation | Jul-2011 | Feb-2012 |
| Battery chargers | Thyristor type battery charger (100 A) | 1 | set | Sasebo Substation | Sep-2011 | Feb-2012 |
| Battery chargers | Thyristor type battery charger (30 A) | 1 | set | Akirigami Hydro Power Station | Jun-2011 | Nov-2011 |
| Battery chargers | Thyristor type battery charger (30 A) | 1 | set | Aoto Substation | May-2012 | Dec-2012 |
| Battery chargers | Thyristor type battery charger (50 A) | 1 | set | Higashihama Substation | Jun-2011 | Mar-2012 |
| Battery chargers | Thyristor type battery charger (75 A) | 1 | set | Aoto Substation | Jul-2011 | Feb-2012 |
| Battery chargers | Unit type Battery charger 24 V, 100 A | 2 | set | Shoubu Relay Station | Jun-2011 | Mar-2012 |
| Battery chargers | Unit type Battery charger 24 V, 100 A | 2 | set | Takada Substation and others | Jun-2011 | Dec-2011 |
| Battery chargers | Unit type Battery charger 48 V, 100 A | 2 | set | Mifune Relay Station | Jun-2011 | Dec-2011 |
| Battery chargers | Unit type Battery charger 48 V, 100 A | 1 | set | Hitoyoshi area | Dec-2011 | Sep-2012 |

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| Battery chargers | Unit type Battery charger 48 V, 100 A | 4 | set | Hirokaisan Relay Station | Dec-2011 | Mar-2013 |
| Battery chargers | Unit type Battery charger 48 V, 100 A | 4 | set | Shin Hyuga Substation | May-2011 | Sep-2011 |
| Battery chargers | Unit type Battery charger 48 V, 100 A x 5 units | 1 | set | Yukuhashi Local Operation Station | Mar-2012 | Nov-2012 |
| Battery chargers | Unit type Battery charger 48 V, 100 A x 5 units | 1 | set | Sasebo Substation | Jun-2011 | Feb-2012 |
| Battery chargers | Unit type Battery charger 48 V, 125 A | 1 | set | Tamana Customer Service Office | Jun-2011 | Dec-2011 |
| Battery chargers | Unit type Battery charger 48 V, 125 A | 1 | set | Touji Switching Station | Dec-2011 | Sep-2012 |
| Battery chargers | Unit type Battery charger 48 V, 150 A | 1 | set | Onagohata Relay Station | Jan-2012 | Sep-2012 |
| Battery chargers | Unit type Battery charger 48 V, 150 A | 1 | set | Shimizu Annex | Jan-2012 | Sep-2012 |
| Battery chargers | Unit type Battery charger 48 V, 200 A | 1 | set | Ozu Customer Service Office | Jun-2011 | Dec-2011 |
| Battery chargers | Unit type Battery charger 48 V, 200 A | 2 | set | Yatsushiro Customer Service Office | Jun-2011 | Dec-2011 |
| Battery chargers | Unit type Battery charger 48 V, 200 A | 2 | set | Aoidake Relay Station | May-2011 | Sep-2011 |
| Battery chargers | Unit type Battery charger 48 V, 200 A | 2 | set | Tsuno Relay Station | May-2011 | Sep-2011 |
| Battery chargers | Unit type Battery charger 48 V, 200 A | 2 | set | Shimizudake Relay Station | Apr-2012 | Oct-2012 |
| Battery chargers | Unit type Battery charger 48 V, 25 A x 2 units | 2 | set | Todoroki Substation and others | Jun-2012 | Mar-2013 |
| Battery chargers | Unit type Battery charger 48 V, 300 A | 1 | set | Miyakonojou Substation | May-2011 | Sep-2011 |
| Battery chargers | Unit type Battery charger 48 V, 30 A | 1 | set | Ayunose Hydro Power Station | Jun-2011 | Mar-2012 |
| Battery chargers | Unit type Battery charger 48 V, 30 A | 1 | set | Kawakamigawa No. 2 Hydro Power Station | Jun-2011 | Mar-2012 |
| Battery chargers | Unit type Battery charger 48 V, 400 A | 1 | set | Minami Miyazaki Substation | May-2011 | Sep-2011 |
| Battery chargers | Unit type Battery charger 48 V, 50 A x 6 units | 1 | set | Yame Customer Service Office | Aug-2011 | Mar-2012 |
| Battery chargers | Unit type Battery charger 48 V, 50 A x 6 units | 1 | set | Higashi Sasebo Substation | Jun-2011 | Feb-2012 |
| Battery chargers | Unit type Battery charger 48 V, 75 A | 1 | set | Ume Distribution Station | Jun-2011 | Dec-2011 |

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| Battery chargers | Unit type Battery charger, Multi-unit type | 1 | set | Yokotake Substation | Jul-2011 | Mar-2012 |
| Battery chargers | Unit type Battery charger, Multi-unit type | 1 | set | Egawa Substation | Jul-2011 | Mar-2012 |
| Battery chargers | Unit type Battery charger, Multi-unit type | 2 | set | Shimouke Hydro Power Station | Jun-2011 | Dec-2011 |
| Batteries and Chargers | 100 A thyristor type battery charger, 400 Ah Lead-acid batteries type CE (for existing cubicle | 1 | set | Momochi Substation | Oct-2011 | May-2012 |
| Batteries and Chargers | 100 A thyristor type battery charger, 500 Ah Lead-acid batteries type CS-E (Rack mounted) | 2 | set | Hita Substation | May-2011 | Jan-2012 |
| Storage batteries | HS type Storage battery 200 Ah, 108 cells | 1 | set | Hita Power System Maintenance Office | May-2011 | Oct-2011 |
| Storage batteries | MSE type Storage battery 12 V, 100 Ah | 3 | set | Yoshii Radio Base Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 12 V, 200 Ah | 1 | set | Head tank at Kawakamigawa No. 1 Hydro Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 14 V, 100 Ah | 1 | set | Wada Siren Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 14 V, 100 Ah | 1 | set | Kuraoka Observatory | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 14 V, 100 Ah | 1 | set | Sugiyasu Hydro Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 14 V, 200 Ah | 7 | set | Haebaru Siren Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 14 V, 200 Ah | 7 | set | Fukuse Siren Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 1000 Ah | 1 | set | Nishi Kyushu Substation | Jun-2011 | Mar-2012 |
| Storage batteries | MSE type Storage battery 24 V, 100 Ah | 1 | set | Saga Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 100 Ah | 1 | set | Yabakei Distribution Station and others | Jan-2012 | Sep-2012 |
| Storage batteries | MSE type Storage battery 24 V, 100 Ah | 1 | set | Oiso Hydro Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 100 Ah | 1 | set | Kamishishigawa Observatory | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 1100 Ah | 2 | set | Kumamoto Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 150 Ah | 1 | set | Sefuri Optical Relay Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 200 Ah | 1 | set | Tenzan Dam | Jun-2011 | Dec-2011 |

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| Storage batteries | MSE type Storage battery 24 V, 200 Ah | 1 | set | Takada Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 300 Ah | 1 | set | Kashima Radio Base Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 300 Ah | 13 | set | Matsuura Thermal Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 300 Ah | 13 | set | Matsuura Thermal Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 400 Ah | 2 | set | Karakiyama Relay Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 400 Ah | 1 | set | Matsubara Hydro Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 500 Ah | 1 | set | Shoubu Relay Station | Jun-2011 | Mar-2012 |
| Storage batteries | MSE type Storage battery 24 V, 500 Ah | 1 | set | Isahaya Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 800 Ah | 1 | set | Minami Kyusyu Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 24 V, 800 Ah | 2 | set | Aira Relay Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 1000 Ah | 2 | set | Yatsushiro Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 100 Ah | 1 | set | Yokotake Substation | Jul-2011 | Mar-2012 |
| Storage batteries | MSE type Storage battery 48 V, 100 Ah | 1 | set | Tachibana Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 100 Ah | 1 | set | Fujidana Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 100 Ah (including cubicles) | 1 | set | Hitoyoshi Power System Maintenance Office | Sep-2011 | Mar-2012 |
| Storage batteries | MSE type Storage battery 48 V, 200 Ah | 1 | set | Buzen Thermal Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 200 Ah | 1 | set | Egawa Substation | Jun-2011 | Mar-2012 |
| Storage batteries | MSE type Storage battery 48 V, 200 Ah | 1 | set | Ume Distribution Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 200 Ah | 1 | set | Nango Radio Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 300 Ah | 1 | set | Yame Customer Service Office | Aug-2011 | Mar-2012 |
| Storage batteries | MSE type Storage battery 48 V, 300 Ah | 2 | set | Imari Substation | Jun-2011 | Dec-2011 |

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| Storage batteries | MSE type Storage battery 48 V, 300 Ah | 2 | set | Matsushima Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 300 Ah | 1 | set | Ajimu Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 300 Ah | 1 | set | Onagohata Relay Station | Jan-2012 | Sep-2012 |
| Storage batteries | MSE type Storage battery 48 V, 300 Ah | 1 | set | Kawabaru Dam | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 300 Ah | 2 | set | Aoidake Relay Station | May-2011 | Sep-2011 |
| Storage batteries | MSE type Storage battery 48 V, 400 Ah | 1 | set | Tenzan Pumped Storage Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 400 Ah | 1 | set | Tamana Customer Service Office | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 400 Ah | 1 | set | Touji Switching Station | Dec-2011 | Sep-2012 |
| Storage batteries | MSE type Storage battery 48 V, 400 Ah | 4 | set | Kashiwada Substation and others | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 400 Ah | 1 | set | Miyakonojou Substation | May-2011 | Sep-2011 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah | 1 | set | Yukuhashi Local Operation Station | Mar-2012 | Nov-2012 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah | 1 | set | Tsukumi Substation | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah | 1 | set | Ozu Customer Service Office | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah | 1 | set | Hitoyoshi area | Dec-2011 | Sep-2012 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah | 1 | set | Hirokaisan Relay Station | Dec-2011 | Mar-2013 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah | 2 | set | Shin Hyuga Substation | May-2011 | Sep-2011 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah | 1 | set | Shimizu Annex | Jan-2012 | Sep-2012 |
| Storage batteries | MSE type Storage battery 48 V, 500 Ah (including cubicles) | 1 | set | Kawakamigawa No. 1 Hydro Power Dam | Sep-2011 | Mar-2012 |
| Storage batteries | MSE type Storage battery 48 V, 50 Ah | 3 | set | Asono Distribution Station and others | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 50 Ah | 3 | set | Uwaba Relay Station and others | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 600 Ah | 1 | set | Sasebo Substation | Jun-2011 | Feb-2012 |

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| Storage batteries | MSE type Storage battery 48 V, 600 Ah | 1 | set | Yatsushiro Customer Service Office | Jun-2011 | Dec-2011 |
| Storage batteries | MSE type Storage battery 48 V, 800 Ah | 1 | set | Minami Miyazaki Substation | May-2011 | Sep-2011 |
| Storage batteries | MSE type Storage battery 48 V, 800 Ah | 1 | set | Tsuno Relay Station | May-2011 | Sep-2011 |
| Storage batteries | MSE type Storage battery 48 V, 800 Ah | 2 | set | Shimizudake Relay Station | Apr-2012 | Oct-2012 |
| Storage batteries | MSE type Storage battery 48 V, 900 Ah | 1 | set | Miyakonojou Substation | May-2011 | Sep-2011 |
| Storage batteries | MSE type Storage battery 48 V, 800 Ah | 1 | set | Kisaki Substation | Jun-2011 | Dec-2011 |
| Storage batteries | Storage battery (lead-acid, CE type, 250 Ah, for existing cubicles) | 1 | set | Hiratadai Substation | Dec-2011 | May-2012 |
| Storage batteries | Storage battery (lead-acid, CE type, 500 Ah, for existing racks) | 1 | set | Chuo Substation | Dec-2011 | May-2012 |
| Storage batteries | Storage battery (lead-acid, CE type, 600 Ah, for existing racks) | 1 | set | Akasaka Substation | Dec-2011 | May-2012 |
| Storage batteries | Storage battery (lead-acid, CS type, 130 Ah, Cubicle type) | 1 | set | Nojiri Hydro Power Station | May-2011 | Nov-2011 |
| Storage batteries | Storage battery (lead-acid, CS type, 170 Ah, Cubicle type) | 1 | set | Okinosu Substation | Apr-2012 | Sep-2012 |
| Storage batteries | Storage battery (lead-acid, CS type, 170 Ah, Cubicle type) | 1 | set | Kumano Substation | May-2011 | Jan-2012 |
| Storage batteries | Storage battery (lead-acid, CS type, 290 Ah, Cubicle type) | 1 | set | Hirokawa Substation | Apr-2012 | Sep-2012 |
| Storage batteries | Storage battery (lead-acid, CS type, 290 Ah, Rack mounted type) | 1 | set | Manose Hydro Power Station | Jul-2011 | Nov-2011 |
| Storage batteries | Storage battery (lead-acid, CS type, 290 Ah, Rack mounted type) | 1 | set | Aoto Substation | Sep-2011 | Feb-2012 |
| Storage batteries | Storage battery (lead-acid, CS type, 400 Ah, Rack mounted type) | 1 | set | Kurokawa No. 1 Hydro Power Station | May-2011 | Oct-2011 |
| Storage batteries | Storage battery (lead-acid, CS-E type, 130 Ah, Cubicle type) | 1 | set | Ayukawa Hydro Power Station | Jun-2011 | Feb-2012 |
| Storage batteries | Storage battery (lead-acid, CS-E type, 130 Ah, Cubicle type) | 1 | set | Aoto Substation | May-2012 | Dec-2012 |
| Storage batteries | Storage battery (lead-acid, CS-E type, 250 Ah, Cubicle type) | 1 | set | Higashihama Substation | Jun-2011 | Mar-2012 |
| Storage batteries | Storage battery (lead-acid, MSE type, 100 Ah, Rack mounted type) | 1 | set | Ootsuka Hydro Power Station | Jun-2011 | Dec-2011 |
| Storage batteries | Storage battery (lead-acid, MSE type, 150 Ah, Rack mounted type) | 1 | set | Himeura Substation | Dec-2011 | May-2012 |

