

**DIGIPLEX, Fetsund Data Center**Datum: **24112014**Our Ref: **Heikki Rantama**Rev: **14062017**Your Ref: **Geoff Fox  
Tommy Solbæg**

ABB UPS Maintenance Contract nr: ABBUPS001115  
APPENDIX 1, Services Description and Pricing

**A DESCRIPTION OF SERVICES****1 24 x 7 Hot-Line**

ABB Hot-line access for alarm calls.

**2 One working Day On-site Response Time**

On-site intervention for maintenance calls will commence at the latest on the following working day.

**3 Remote Technical Support**

ABB UPS technical support is available by phone and email during normal working hours.

**4 Annual preventive Maintenance**

Performed according to manufacturer's detailed maintenance procedure. Both at system level and to each individual UPS module.

Modules will be serviced one by one in turns, without interference to system running: UPS protection with n+1- or 2N-systems is maintained during the service operation.

Preventive maintenance will be done during normal working hours.

One Digiplex person will be assisting ABB service engineer throughout the entire preventive maintenance work.

**5 Training**

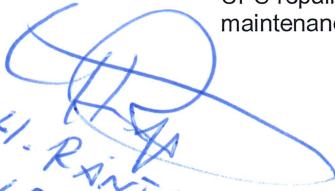
Necessary safety and product training to Digiplex person(s) in order to support with the on-site maintenance work will be given by ABB. It is included in the contract price.

**6 UPS Repair Hours**

UPS module and frame repair hours during normal working time are included in the contract price. Batteries are excluded.

**7 Materials for UPS Repair**

UPS repair spare parts are included in the contract price. Possible parts for modifications, upgrades or preventive maintenance are excluded. Batteries are excluded.

  
H. RANTAMA  
15.6.2017



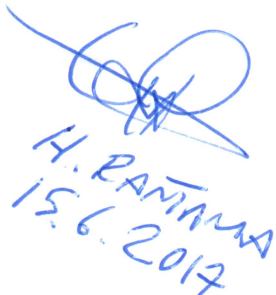
**ABB UPS Maintenance Contract ABBUPS001115**  
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Appendix 1

**B UPS SYSTEMS INFORMATION**

UPS systems are ABB modular DPA500 series equipped with modular Marathon Battery (40 batteries each string).

**Systems details** including all installation dates of individual modules and battery banks are presented in *Appendix 2, "Digiplex Fetsund UPS Systems"*.

Construction Zone	Frame/Module/Battery	Commissioning Date	Contract Date	Warranty Expiring Date
A1/1A 1 <sup>st</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	17.10.2014	15.06.2015	19.01.2017
A1/1B 1 <sup>st</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	17.10.2014	15.06.2015	19.01.2017
A1/2A 2 <sup>nd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	18.02.2015	15.06.2015	03.03.2017
A1/2B 2 <sup>nd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	18.02.2015	15.06.2015	03.03.2017
A1/3A 3 <sup>rd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	12.05.2015	15.06.2015	20.05.2017
A1/3B 3 <sup>rd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	13.05.2015	15.06.2015	20.05.2017
A2/1A 1 <sup>st</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	13.07.2015	01.09.2015	01.09.2017
A2/1B 1 <sup>st</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	13.07.2015	01.09.2015	01.09.2017
A2/2A 2 <sup>nd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	22.10.2015	01.12.2015	01.12.2017
A2/2B 2 <sup>nd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	22.10.2015	01.12.2015	01.12.2017
A2/3A 3 <sup>rd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	21.12.2015	01.03.2016	01.02.2018
A2/3B 3 <sup>rd</sup> Floor	3xDPA500 /15x100kW / 600 x Marathon Battery	21.12.2015	01.03.2016	01.02.2018

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Appendix 1

**C PRICING**

**C1 Contract Prices**

Total contract price consists of two elements:

**a) ON CALL DUTY & TECHNICAL SUPPORT**

The following services, as described in chapter A, are included here:

- 24/7 Hot-line
- One working Day On-site Response Time
- Remote Technical Support

One common annual price for all contractually covered ABB UPS installations in Greater Oslo region, regardless the amount, type or year of installation.

Annual Price, total NOK	49.000
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**b) PREVENTIVE MAINTENANCE & REPAIR SERVICES**

Annual price is given for one 100 kW module. Total site or system contract price is determined by the amount of installed modules.

The following services, as described in chapter A, are included:

- Annual preventive Maintenance
- Training
- UPS Repair Hours
- Materials for UPS Repair

	During Warranty Period	After Warranty
Annual Price, NOK, for one 100 kW UPS-module	3.700	7.200

**C2 Non-contractual Services**

Technical services and materials beyond the scope of the annual contract will be charged on hourly prices and on their cost basis.

For rates, see Appendix D "ABB Service\_Rates<CURRENT-YEAR>\_UPS\_EN\_NOK"

**Prices:** In NOK, excluding VAT and other taxes.

Travel costs are excluded, and invoiced in accordance with "Statens Reiseregulativ" topped by 10% handling fee.

Price changes are due to changes of cost for labor and material. Contractor shall issue price changes with no less than four months written prior notice.

**Invoicing:** Annual fees are invoiced in the beginning of each contract period.




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