

**Components to be supplied for NPP Bilibino in the framework of Tacis Project R1.08/95
Contracted on 11.3.2004 to Schneider Electric**

Part 1: Emergency Diesel Generator Switchboards

DIVISION n° 1 - GR. 1 & 2 EMERGENCY MAIN SWITCHBOARD - 1E

Section 1

Cubicle Number	Cubicle Type	In (A)	Description	Rated Power	Absorbed Current (A)
1AC-2	N	1000	Incoming from "1B" switchboard	500 KVA	760

Section 2

1E	E	1000	Incoming from "DG1"	500 KVA	760
1ME	ME	-	Metering cubicle	-	-

DIVISION n° 2 - GR. 1 & 2 EMERGENCY STAND BY SWITCHBOARD - 2E

Section 1

Cubicle Number	Cubicle Type	In (A)	Description	Rated Power	Absorbed Current (A)
2AC-2	N	1000	Incoming from "2B" switchboard	500 KVA	760

Section 2

2E	E	1000	Incoming from "DG2"	500 KVA	760
2ME	ME	-	Metering cubicle	-	-

DIVISION n° 1 - GR. 3 & 4 EMERGENCY MAIN SWITCHBOARD - 3E

Section 1

Cubicle Number	Cubicle Type	In (A)	Description	Rated Power	Absorbed Current (A)
3AC-2	N	1000	Incoming from "3B" switchboard	500 KVA	760

Section 2

3E	E	1000	Incoming from "DG3"	500 KVA	760
3ME	ME	-	Metering cubicle	-	-

DIVISION n° 2 - GR. 3 & 4 EMERGENCY STAND BY SWITCHBOARD - 4E

Section 1

Cubicle Number	Cubicle Type	In (A)	Description	Rated Power	Absorbed Current (A)
4AC-2	N	1000	Incoming from "4B" switchboard	500 KVA	760

Section 2

4E	E	1000	Incoming from "DG4"	500 KVA	760
4ME	ME	-	Metering cubicle	-	-

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Part 2: Emergency Circuit Breakers

No.	Description
1.	Seventy (70) Circuit Breakers, 400 V, 3-phase, 3-wires, 50 Hz
2.	Spare parts, special tools and accessories
3.	Scope of supply includes the following services: 1. Sampling tests 2. Training of Russian End User personnel 3. Supervision of the equipment installation

Part 3: Telephone Exchange

1. 1 PABX telephone station (Private Automatic Branch Exchange) for communications internal to power plant complete with all accessory supply required
2. 1 Interface panels with the internal (Exchanger switchboard) complete of wires to connected PABX
3. 220 desk telephone sets
4. 155 wall telephone sets
5. 25 wall waterproof telephone sets
6. Spare part for commissioning and for the first five years of operation.
7. Special tools for maintenance.