Base Load Power Hub (BLPH)

HVAC System

Commissioning and Start-Up and 2 Year Spares List

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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO Sheet 3 of 4 Date : 26/02/2025 Rev: 0
Document Title:	**HVAC System** **Commissioning and Start-Up and 2 Year Spares List**	**Commissioning**

Pos	Codice/Code	Descrizione/Description	Rif./Ref.	Qtà/Qty	Costo unit./Unit price	Costo tot./Tot. price
	B100					
1	592x592x48	Air filter G4		2	€ 84.36	€ 168.72
2	592x592x48	Air filter F7		2	€ 252.08	€ 504.16
	B200					
3	592x592x48	Air filter G4		2	€ 84.36	€ 168.72
4	592x592x48	Air filter F7		2	€ 252.08	€ 504.16
	B300					
5	592x592x48	Air filter G4		2	€ 84.36	€ 168.72
6	288x593x48	Air filter G4		2	€ 84.36	€ 168.72
7	592x592x48	Air filter F7		2	€ 252.08	€ 504.16
8	288x593x48	Air filter F7		2	€ 199.53	€ 399.06
9	A47	Fan belt		2	€ 84.36	€ 168.72
	B400					
10	592x592x48	Air filter G4		2	€ 84.36	€ 168.72
11	288x593x48	Air filter G4		2	€ 84.36	€ 168.72
12	592x592x48	Air filter F7		2	€ 252.08	€ 504.16
13	288x593x48	Air filter F7		2	€ 199.53	€ 399.06
14	A47	Fan belt		2	€ 84.36	€ 168.72
					TOTAL PAGE €	***€ 2.586.42***

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CROSSWIND	HOLLANDSE KUST NOORD WIND PARK Project Contract No. CW-I-WP4-2023-05	ROSETTI MARINO Sheet 4 of 4 Date : 26/02/2025 Rev: 0
Document Title:	HVAC System Commissioning and Start-Up and 2 Year Spares List	2 Year Spare Parts

Pos	Codice/Code	Descrizione/Description	Rif./Ref.	Qtà/Qty	Costo unit./Unit price	Costo tot./Tot. price
	B100					
1	592x592x48	Air filter G4		16	€ 84.36	€ 1.349.76
2	592x592x48	Air filter F7		16	€ 252.08	€ 4.033.28
3	DA03S220S	Damper actuator		1	€ 790.41	€ 790.41
4	PS 600	Pressure switch		2	€ 217.29	€ 434.58
5	RM280	Fan with motor		1	€ 2.156.96	€ 2.156.96
6	55340240040	Relay 24v DC		5	€ 84.36	€ 421.80
7	6SL3210-5BE22-2CV0	2,2 Kw Inverter		1	€ 1.540.96	€ 1.540.96
8	GRP-H-25-48-D-1-0000	Static power slave unit		1	€ 629.96	€ 629.96
9	GRM-H-25-48-AN-OL-00000	Static power master unit		1	€ 1.002.13	€ 1.002.13
10	6ES7155-6BH01-0BA0	Digital imput module		1	€ 447.55	€ 447.55
11	6ES7132-6BH01-0BA0	Digital output module		1	€ 494.07	€ 494.07
12	6ES7134-6HD01-0BA1	Analog input module		1	€ 804.76	€ 804.76
13	6ES7513-1RM03-0BA0	CPU 1513-R		1	€ 6.273.83	€ 6.273.83
14	5SY7410-7	Circuit braker 400v 15kA 10A		1	€ 319.34	€ 319.34
15	3RV2011-1EA10	Circuit braker for motor protection 2,8 / 4 A		1	€ 199.53	€ 199.53
	B200					
16	592x592x48	Air filter G4		16	€ 84.36	€ 1.349.76
17	592x592x48	Air filter F7		16	€ 252.08	€ 4.033.28
18	DA03S220S	Damper actuator		1	€ 790.41	€ 790.41
19	PS 600	Pressure switch		2	€ 217.29	€ 434.58
20	RM280	Fan with motor		1	€ 2.156.96	€ 2.156.96
21	55340240040	Relay 24v DC		5	€ 84.36	€ 421.80
22	6SL3210-5BE22-2CV0	2,2 Kw Inverter		1	€ 1.540.96	€ 1.540.96
23	GRP-H-25-48-D-1-0000	Static power slave unit		1	€ 629.96	€ 629.96
24	GRM-H-25-48-AN-OL-00000	Static power master unit		1	€ 1.002.13	€ 1.002.13
25	6ES7155-6BH01-0BA0	Digital imput module		1	€ 447.55	€ 447.55
26	6ES7132-6BH01-0BA0	Digital output module		1	€ 494.07	€ 494.07
27	6ES7134-6HD01-0BA1	Analog input module		1	€ 804.76	€ 804.76
28	6ES7513-1RM03-0BA0	CPU 1513-R		1	€ 6.273.83	€ 6.273.83
29	5SY7410-7	Circuit braker 400v 15kA 10A		1	€ 319.34	€ 319.34
30	3RV2011-1EA10	Circuit braker for motor protection 2,8 / 4 A		1	€ 199.53	€ 199.53
	B300					
31	592x592x48	Air filter G4		16	€ 84.36	€ 1.349.76
32	288x593x48	Air filter G4		16	€ 84.36	€ 1.349.76
33	592x592x48	Air filter F7		16	€ 252.08	€ 4.033.28
34	288x593x48	Air filter F7		16	€ 199.53	€ 3.192.48
35	DA03S220S	Damper actuator		2	€ 790.41	€ 1.580.82
36	PS 600	Pressure switch		4	€ 217.29	€ 869.16
37	55340240040	Relay 24v DC		5	€ 84.36	€ 421.80
38	5.53482E+11	Relay 230V AC		10	€ 84.36	€ 843.60
39	DTMSMM1	Temporrized relay		4	€ 163.08	€ 652.32
40	6SL3210-5BE15-5CV0	0,55kW Inverter		1	€ 1.112.48	€ 1.112.48
41	6SL3210-5BE21-1CV0	1,1kW Inverter		1	€ 1.275.33	€ 1.275.33
42	GRP-H-25-48-D-1-0000	Static power slave unit		1	€ 629.96	€ 629.96
43	GRM-H-25-48-AN-OL-00000	Static power master unit		1	€ 1.002.13	€ 1.002.13
44	6ES7155-6BH01-0BA0	Digital imput module		1	€ 447.55	€ 447.55
45	6ES7132-6BH01-0BA0	Digital output module		1	€ 494.07	€ 494.07
46	6ES7134-6HD01-0BA1	Analog input module		1	€ 804.76	€ 804.76
47	6ES7513-1RM03-0BA0	CPU 1513-R		1	€ 6.273.83	€ 6.273.83
48	5SY7410-7	Circuit braker 400v 15kA 10A		1	€ 319.34	€ 319.34
49	3RV2011-1AA10	Circuit braker for motor protection 1,1 / 1,6 A		1	€ 199.53	€ 199.53
50	3RV2011-1GA10	Circuit braker for motor protection 4,5 / 6,3 A		1	€ 199.53	€ 199.53
51	3RV2011-1JA10	Circuit braker for motor protection 7 / 10 A		1	€ 234.80	€ 234.80
52	3RT2015-1AP01	Power contactor 230V		1	€ 144.29	€ 144.29
53	A47	Fan belt		8	€ 84.36	€ 674.88
54	C-SBN453H8G	Compressor		1	€ 1.775.04	€ 1.775.04
55	T3A 100LB4	Supply fan motor		1	€ 1.194.28	€ 1.194.28
56	SR454T	Condenser fan		1	€ 2.727.31	€ 2.727.31
	B400					
57	592x592x48	Air filter G4		16	€ 84.36	€ 1.349.76
58	288x593x48	Air filter G4		16	€ 84.36	€ 1.349.76
59	592x592x48	Air filter F7		16	€ 252.08	€ 4.033.28
60	288x593x48	Air filter F7		16	€ 199.53	€ 3.192.48
61	DA03S220S	Damper actuator		2	€ 790.41	€ 1.580.82
62	PS 600	Pressure switch		4	€ 217.29	€ 869.16
63	55340240040	Relay 24v DC		5	€ 84.36	€ 421.80
64	5.53482E+11	Relay 230V AC		10	€ 84.36	€ 843.60
65	DTMSMM1	Temporrized relay		4	€ 163.08	€ 652.32
66	6SL3210-5BE15-5CV0	0,55kW Inverter		1	€ 1.112.48	€ 1.112.48
67	6SL3210-5BE21-1CV0	1,1kW Inverter		1	€ 1.275.33	€ 1.275.33
68	GRP-H-25-48-D-1-0000	Static power slave unit		1	€ 629.96	€ 629.96
69	GRM-H-25-48-AN-OL-00000	Static power master unit		1	€ 1.002.13	€ 1.002.13
70	6ES7155-6BH01-0BA0	Digital imput module		1	€ 447.55	€ 447.55
71	6ES7132-6BH01-0BA0	Digital output module		1	€ 494.07	€ 494.07
72	6ES7134-6HD01-0BA1	Analog input module		1	€ 804.76	€ 804.76
73	6ES7513-1RM03-0BA0	CPU 1513-R		1	€ 6.273.83	€ 6.273.83
74	5SY7410-7	Circuit braker 400v 15kA 10A		1	€ 319.34	€ 319.34
75	3RV2011-1AA10	Circuit braker for motor protection 1,1 / 1,6 A		1	€ 199.53	€ 199.53
76	3RV2011-1GA10	Circuit braker for motor protection 4,5 / 6,3 A		1	€ 199.53	€ 199.53
77	3RV2011-1BA10	Circuit braker for motor protection 14 / 20 A		1	€ 199.53	€ 199.53
78	3RT2015-1AP01	Power contactor 230V		1	€ 144.29	€ 144.29
79	A47	Fan belt		8	€ 84.36	€ 674.88
80	C-SBN753H8H	Compressor		1	€ 2.727.31	€ 2.727.31
81	T3A 100LB4	Supply fan motor		1	€ 1.194.28	€ 1.194.28
82	SR454T	Condenser fan		1	€ 2.727.31	€ 2.727.31
					TOTAL PAGE €	***€ 110.319.02***

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