

QUARTO REGISTRO APOSTILAR

Considerando que houve um erro material, registra-se a retificação do valor anual total estimado constante na Cláusula Segunda do 4º Termo Aditivo ao Contrato EBC/DOTEC/CONTRATO Nº 0113/2020, firmado com a empresa **LEISTUNG Comércio e Serviços de Sistemas de Energia Ltda**, item 2.1, conforme abaixo:

Onde se lê:

2.1. Registra-se, com fundamento no art. 81 da Lei Nº 13.303/2016 e Cláusula 10ª do Contrato original, o reajuste contratual no percentual de 4,42% (Quatro vírgula Quarenta e Dois por Cento), passando o valor estimado global contratual para **R\$ 1.542.083,38 (Um milhão, quinhentos e quarenta e dois mil, oitenta e três reais e trinta e oito centavos)**, conforme tabela constante do Anexo I.

Leia-se:

2.1. Registra-se, com fundamento no art. 81 da Lei Nº 13.303/2016 e Cláusula 10ª do Contrato original, o reajuste contratual no percentual de 4,42% (Quatro vírgula Quarenta e Dois por Cento), passando o valor estimado global contratual para **R\$ 1.542.069,03 (Um milhão, quinhentos e quarenta e dois mil, sessenta e nove reais e três centavos)**, conforme tabela constante do Anexo I.

Brasília, 16 de dezembro de 2024.


Bárbara F. Hoffmann Souza
Gerente de Gestão de Contratos e Parcerias -
Substituta



EMPRESA BRASIL
DE COMUNICAÇÃO

Cont. Quarto Registro Apostilar ao Contrato EBC/DOTEC/Contrato Nº 0113/2020

Item	UPS Model	UPS (KVA)	Component Category	Function	Description	Valor Unit. 2024
1	Module	25	Capacitor	PCB component	Capacitor 1500	R\$ 834,51
2	Module	25	Capacitor	Filter capacitor	Filter capacitor 220	R\$ 185,44
3	Module	25	Capacitor	Filter capacitor	Filter capacitor 25	R\$ 254,99
4	Module	25	Capacitor	Filter capacitor	Filter capacitor 40	R\$ 533,16
5	Module	25	Contactor	By-pass contactor	3 Poles contactor 32 A 400VAC	R\$ 1.305,51
6	Module	25	Contactor	Output contactor	3 Poles contactpr 35A 24VDC	R\$ 2.478,25
7	Module	25	FAN	FAN	Fan 24 VDV 330	R\$ 1.369,79
8	Module	25	Fuseholder	By-pass Fuse Holder	3 Poles Fuse holder	R\$ 1.478,32
9	Module	25	PCB	Main control	PCB Main control	R\$ 37.020,02
10	Module	25	PCB	Bosster Recrifier Batt Charger	PCB Booster	R\$ 75.940,90
11	Module	25	PCB	Inverter	PCB Inverter	R\$ 53.501,71
12	Module	25	PCB	RS 232 and Display management	PCB RS232 and display interface	R\$ 9.550,57
13	Module	25	PCB	By-pass	PCB Bypass	R\$ 24.363,21
14	Module	25	PCB	Imput filter	PCB INPUT FILTER	R\$ 25.568,62
15	Module	25	PCB	Output filter	PCB OUTPUT FILTER	R\$ 14.580,84
16	Module	25	PCB	Display	PCB LCD Panel	R\$ 6.467,50
17	Module	25	PCB	Parallel management	PCB Parallel management	R\$ 8.600,14
18	Module	25	PCB	Main control power supply	PCB eletronic power supply	R\$ 23.180,99
19	Module	25	Power Fuse	Bys-pass Fuses	Fuse 40A pronorm	R\$ 96,94
20	Module	25	Power Fuse	Imput rectifler Fuse	Fuse 40 A protistor blockFuse	R\$ 557,39
21	Module	25	Power Fuse	Battery Fuse	Fuse 50A protistor blockFuse	R\$ 339,29
22	Module	25	Power Fuse	Inverter output Fuse	Fuse 63 A protistor cyl blockFuse	R\$ 484,70
23	Module	25	Power Fuse	output Fuse	Fuse 63 A protistor cyl blockFuse	R\$ 484,70
24	Module	25	Power Fuse	Inverter imput Fuse	Fuse 80A protistor cyl blockFuse	R\$ 387,75
25	Module	25	Module 25 KVA	Module 25 KVA	Módulo 25 KVA	R\$ 155.568,02

Cont. Quarto Registro Apostilar ao Contrato EBC/DOTEC/Contrato Nº 0113/2020

26	Module	40	Aux. Contact	Inverter aux. Contact	Aux. Contact CAL5- 11 for 24 VDC contactor	R\$ 927,24
27	Module	40	Capacitor	PCB component	Capacitor 1500	R\$ 834,51
28	Module	40	Capacitor	PCB component	Capacitor 1500	R\$ 788,15
29	Module	40	Capacitor	Filter capacitor	Filter capacitor 40	R\$ 533,16
30	Module	40	Contactor	Input contactor	3 Poles contactor 60A 230VAC	R\$ 3.164,20
31	Module	40	Contactor	Output contactor	3 Poles contactor 60A 24VDC	R\$ 3.296,97
32	Module	40	Contactor	By-pass contactor	3 Poles contactor 60A 400VAC	R\$ 3.651,00
33	Module	40	FAN	FAN	Fa 24 VDC 330	R\$ 1.369,79
34	Module	40	FAN	FAN	Fan 48 VDC 600	R\$ 4.446,54
35	Module	40	Fuseholder	By-pass Fuse Holder	3 Poles Fuse holder	R\$ 2.859,70
36	Module	40	PCB	Main control	PCB Two pack	R\$ 36.301,42
37	Module	40	PCB	Booster Rectifier Datt Charger	PCB Booster	R\$ 85.723,28
38	Module	40	PCB	Inverter power	PCB Inverter	R\$ 36.301,42
39	Module	40	PCB	inverter driver	PCB inverter driver	R\$ 20.538,35
40	Module	40	PCB	RS 232 and Display management	PCB RS232 and display interface	R\$ 9.550,57
41	Module	40	PCB	By-pass	PCB Bypass	R\$ 26.264,06
42	Module	40	PCB	Input filter	PCB INPUT FILTER	R\$ 24.363,21
43	Module	40	PCB	Output filter	PCB OUTPUT FILTER	R\$ 16.249,87
44	Module	40	PCB	Inverter current sensor	PCB current sensor	R\$ 10.987,79
45	Module	40	PCB	Display	PCB LCD Panel	R\$ 6.467,50
46	Module	40	PCB	Parallel management	PCB Parallel management	R\$ 8.600,14
47	Module	40	PCB	Main control power supply	PCB electronic power supply	R\$ 16.713,49
48	Module	40	Power Fuse	Battery Fuse	Fuse 100A protistor blockFuse	R\$ 387,75
49	Module	40	Power Fuse	Output Fuse	Fuse 100 A protistor blockFuse	R\$ 387,75
50	Module	40	Power Fuse	By pass Fuses	Fuse 63A pronorm	R\$ 169,64
51	Module	40	Power Fuse	Inverter output Fuse	Fuse 63 A protistor cyl blockFuse	R\$ 484,70

Cont. Quarto Registro Apostilar ao Contrato EBC/DOTEC/Contrato Nº 0113/2020

52	Module	40	Power Fuse	Inverter input Fuse	Fuse 63 A protistor cyl blockFuse	R\$ 484,70
53	Module	40	Power Fuse	Input rectifier Fuse	Fuse 80A protistor cyl blockFuse	R\$ 387,75
54	Module	40	Semiconductor	Inverter IGBT	IGBT 150A	R\$ 6.985,90
55	Module	40	Module 40 KVA	Module 40 KVA	Módulo 40 KVA	R\$ 226.510,70
56	Module	50	Aux. Contact	Inverter aux contact	Aux. Contact CAL5-11 for 24 VDC contactor	R\$ 927,24
57	Module	50	Capacitor	PCB component	Capacitor 2200	R\$ 1.019,97
58	Module	50	Capacitor	Filter capacitor	Filter capacitor 40	R\$ 533,16
59	Module	50	Contactor	Input contactor	3 Poles contactor 60A 230VAC	R\$ 3.164,20
60	Module	50	Contactor	Output contactor	3 Poles contactor 60A 24VDC	R\$ 3.296,97
61	Module	50	Contactor	By-pass contactor	3 Poles contactor 60A 400VAC	R\$ 3.651,00
62	Module	50	FAN	FAN	Fan 24 VDV 330	R\$ 1.369,79
63	Module	50	FAN	FAN	Fan 48 VDC 600	R\$ 4.446,54
64	Module	50	Fuseholder	By-pass Fuse Holder	3 Poles Fuse holder	R\$ 2.859,70
65	Module	50	PCB	Main control	PCB Two pack	R\$ 36.301,42
66	Module	50	PCB	Booster Rectifier Batt Charger	PCB Booster	R\$ 85.723,28
67	Module	50	PCB	Inverter power	PCB NW 8031x inverter 45 KVA	R\$ 39.407,67
68	Module	50	PCB	Inverter driver	PCB inverter driver	R\$ 20.538,35
69	Module	50	PCB	RS 232 and Display management	PCB RS232 and display interface	R\$ 9.550,57
70	Module	50	PCB	By-pass	PCB Bypass	R\$ 26.264,06
71	Module	50	PCB	Input filter	PCB INPUT FILTER	R\$ 24.363,21
72	Module	50	PCB	Output filter	PCB OUTPUT FILTER	R\$ 18.150,71
73	Module	50	PCB	Inverter current sensor	PCB current sensor	R\$ 10.987,79
74	Module	50	PCB	Display	PCB LCD Panel	R\$ 6.507,92
75	Module	50	PCB	Parallel management	PCB Parallel management	R\$ 8.600,14
76	Module	50	PCB	Main control power supply	PCB electronic power supply	R\$ 16.713,49
77	Module	50	PCB	Main control	PCB Main control 1	R\$ 36.301,42
78	Module	50	PCB	Main control	PCB Main control	R\$ 36.301,42

Cont. Quarto Registro Apostilar ao Contrato EBC/DOTEC/Contrato Nº 0113/2020

79	Module	50	Power Fuse	Battery Fuse	Fuse 100 A protistor blockFuse	R\$ 387,75
80	Module	50	Power Fuse	Output Fuse	Fuse 100 A protistor blockFuse	R\$ 387,75
81	Module	50	Power Fuse	By-pass Fuses	Fuse 63 A pronorm	R\$ 169,64
82	Module	50	Power Fuse	Input rectifier Fuse	Fuse 80A protistor cyl blockFuse	R\$ 387,75
83	Module	50	Power Fuse	Inverter output Fuse	Fuse 80A protistor cyl blockFuse	R\$ 387,75
84	Module	50	Power Fuse	Inverter input Fuse	Fuse 80A protistor cyl blockFuse	R\$ 387,75
85	Module	50	Semiconductor	Inverter IGBT	IGBT 150A	R\$ 6.985,90
86	Module	50	Semiconductor	Inverter IGTB	IGBT 195 A	R\$ 7.241,89
87	Module	50	Module 50 KVA	Module 50KVA	Modulo 50 KVA	R\$ 249.938,38
88	Bateria VRLA	26AH1 2VCC	Bateria	Bateria VRLA 12V	Bateria VRLA 12V 26 AH	R\$ 762,04
89	Bateria VRLA	55AH1 2VCC	Bateria	Bateria VRLA 12V	Bateria VRLA 12V 55 AH	R\$ 1.587,91

Valor Mensal (A)	R\$ 98.850,57
Valor Anual (B)	R\$ 1.186.206,80
Demanda (C) (30% de B)	R\$ 355.862,08
Valor anual (B+C)	R\$ 1.542.069,03

Controle das Manutenções Preventivas e Corretivas

Item	Equipamento	KVA	Baterias Quant.	Cidade	Localização	TA nº 04 Valor Mensal (4,42%)	Valor anual 2024
1	DPA-CONCEPT-POWER-Leistung UPS System - DPP 1020	3X50	126	Brasília/DF	Sede - RANAC	R\$ 5.713,91	R\$ 68.566,92
2	DPA-CONCEPT-POWER-Leistung UPS System - DPP 1282	3X50	126	Brasília/DF	Sede - RANAC	R\$ 5.713,91	R\$ 68.566,92
3	DPA-CONCEPT-POWER-Leistung UPS System - DPP1283	3X50	126	Brasília/DF	Sede - RANAC	R\$ 5.713,91	R\$ 68.566,92
4	DPA-CONCEPT-POWER-Leistung UPS System - DPP 1041	3X50	126	Brasília/DF	Sede - RANAC	R\$ 5.713,91	R\$ 68.566,92
5	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0846	3X50	120	Brasília/DF	701 Sul	R\$ 5.713,91	R\$ 68.566,92
6	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0847	3X50	120	Brasília/DF	701 Sul	R\$ 5.713,91	R\$ 68.566,92
7	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0735	3X50	120	Brasília/DF	701 Sul	R\$ 5.713,91	R\$ 68.566,92
8	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0844	3X50	120	Brasília/DF	701 Sul	R\$ 5.713,91	R\$ 68.566,92
9	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0823	3X50	184	Brasília/DF	SMAS-SAI	R\$ 7.618,54	R\$ 91.422,45
10	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0564	3X50	126	Brasília/DF	Torre TV Central	R\$ 5.713,91	R\$ 68.566,87
11	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0731	3X40	126	Brasília/DF	Torre TV Central	R\$ 5.713,91	R\$ 68.566,87
12	DPA-CONCEPT-POWER-Leistung UPS System - DPT 0106	3X50	126	Brasília/DF	Torre TV Digital	R\$ 4.571,11	R\$ 54.853,31
13	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0643	3X50	126	Rio de Janeiro/RJ	Sumaré	R\$ 5.713,91	R\$ 68.566,87
14	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0729	3X50	126	Rio de Janeiro/RJ	Sumaré	R\$ 5.713,91	R\$ 68.566,87
15	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0906	4X50	184	Rio de Janeiro/RJ	Rua da Relação	R\$ 7.618,54	R\$ 91.422,45
16	DPA-CONCEPT-POWER-Leistung UPS System - DPT 0094	3X50	126	Rio de Janeiro/RJ	Gomes Freire	R\$ 5.713,91	R\$ 68.566,87
17	DPA-CONCEPT-POWER-Leistung UPS System - DPP 0151	5X25	200	São Paulo/SP	Mofarrej	R\$ 4.761,57	R\$ 57.138,88
Subtotal 01						R\$ 98.850,57	R\$ 1.186.206,80
Despesas com serviço de oficina, partes, peças e componentes empregados sob demanda (30% do subtotal 01)							R\$ 355.862,08
Subtotal 02							R\$ 1.542.069,03
Valor total global anual estimado							R\$ 1.542.069,03