

PREFEITURA MUNICIPAL DE MARAU

Proprietário: PREFEITURA MUNICIPAL DE MARAU

PLANILHA ORÇAMENTÁRIA GLOBAL - PARTE ELETRICA

Local: LOT. FREIO ADELAR

Obra: Eletrificação do loteamento Residencial Morada do Sol

EXTENSÃO: ver projetos

20/02/2024

MARAU RS			QUANT.	CUSTO UNITÁRIO		CUSTO TOTAL				TOTAL R\$	BDI
ITEM	DISCRIMINAÇÃO	UN.		material	mão-de-obra	material	BDI	mão-de-obra	BDI		
1	Poste de concreto T.C. 09 metros 4 KN	pç	16	R\$1.288,00	R\$450,80	R\$20.608,00	R\$ 4.993,32	R\$7.212,80	R\$1.747,66	R\$34.561,78	24,23%
2	Poste de concreto T.C. 12 metros 6 KN	pç	2	R\$2.145,00	R\$750,75	R\$4.290,00	R\$ 1.039,47	R\$1.501,50	R\$363,81	R\$7.194,78	24,23%
3	Armação secundária de um estribo	br	36	R\$26,80	R\$2,55	R\$964,80	R\$ 233,77	R\$91,66	R\$22,21	R\$1.312,44	24,23%
4	Isolador roldana de dois leitos	pç	36	R\$17,40	R\$1,65	R\$626,40	R\$ 151,78	R\$59,51	R\$14,42	R\$852,10	24,23%
5	Cintas circular de 170 mm	m	18	R\$65,60	R\$6,23	R\$1.180,80	R\$ 286,11	R\$112,18	R\$27,18	R\$1.606,26	24,23%
6	Hastes de terra cobreadas de 2.000 mm	m	24	R\$48,40	R\$4,60	R\$1.161,60	R\$ 281,46	R\$110,35	R\$26,74	R\$1.580,15	24,23%
7	Arame zincado de 4 AWG	m	40	R\$33,40	R\$3,17	R\$1.336,00	R\$ 323,71	R\$126,92	R\$30,75	R\$1.817,39	24,23%
8	Conector c unha de 4 x 4 AWG	m	8	R\$36,00	R\$3,42	R\$288,00	R\$ 69,78	R\$27,36	R\$6,63	R\$391,77	24,23%
9	Massa de calafetar	pç	3	R\$29,80	R\$2,83	R\$89,40	R\$ 21,66	R\$8,49	R\$2,06	R\$121,61	24,23%
10	Concretagem BC10	pç	10	R\$135,00	R\$12,83	R\$1.350,00	R\$ 327,11	R\$128,25	R\$31,07	R\$1.836,43	24,23%
11	Alça preformada XLPE 50 mm	pç	8	R\$9,60	R\$0,91	R\$76,80	R\$ 18,61	R\$7,30	R\$1,77	R\$104,47	24,23%
12	Laço preformado Lateral	pç	11	R\$17,40	R\$1,65	R\$191,40	R\$ 46,38	R\$18,18	R\$4,41	R\$260,36	24,23%
13	Cabo de alumínio XLPE 3 x 1 x 50 + 50 mm	pç	405	R\$33,40	R\$10,02	R\$13.527,00	R\$ 3.277,59	R\$4.058,10	R\$983,28	R\$21.845,97	24,23%
14	Conector de quatro derivações	pç	63	R\$92,60	R\$8,80	R\$5.833,80	R\$ 1.413,53	R\$554,21	R\$134,29	R\$7.935,83	24,23%
15	Conector cunha estribo lateral	pç	21	R\$54,60	R\$5,19	R\$1.146,60	R\$ 277,82	R\$108,93	R\$26,39	R\$1.559,74	24,23%
16	Luminaria LED de 150W	pç	26	R\$985,00	R\$93,58	R\$25.610,00	R\$ 6.205,30	R\$2.432,95	R\$589,50	R\$34.837,76	24,23%
17	Braço cisne de 2" x 3,0 metros	pç	26	R\$265,00	R\$25,18	R\$6.890,00	R\$ 1.669,45	R\$654,55	R\$158,60	R\$9.372,59	24,23%
18	Fio Singelo 1,5 mm 750 V	pç	260	R\$4,60	R\$0,44	R\$1.196,00	R\$ 289,79	R\$113,62	R\$27,53	R\$1.626,94	24,23%
19	Conector cunha Para ligação	pç	26	R\$11,20	R\$1,06	R\$291,20	R\$ 70,56	R\$27,66	R\$6,70	R\$396,12	24,23%
20	Parafuso frances de 16 x 45 mm	pç	68	R\$9,80	R\$0,93	R\$666,40	R\$ 161,47	R\$63,31	R\$15,34	R\$906,52	24,23%
21	Cintas circular de 180 mm	pç	30	R\$69,80	R\$6,63	R\$2.094,00	R\$ 507,38	R\$198,93	R\$48,20	R\$2.848,51	24,23%
22	Cintas circular de 260 mm	pç	18	R\$77,00	R\$7,32	R\$1.386,00	R\$ 335,83	R\$131,67	R\$31,90	R\$1.885,40	24,23%
23	Fotocelula com base	m	26	R\$36,80	R\$9,50	R\$956,80	R\$ 231,83	R\$247,00	R\$59,85	R\$1.495,48	24,23%
24	Sapatilha para cabo de aço	m	2	R\$6,60	R\$0,63	R\$13,20	R\$ 3,20	R\$1,25	R\$0,30	R\$17,96	24,23%
25	Cintas circular de 190 mm	pç	2	R\$79,00	R\$7,51	R\$158,00	R\$ 38,28	R\$15,01	R\$3,64	R\$214,93	24,23%
26	Mão francesa plana de 619 mm	pç	2	R\$26,20	R\$2,49	R\$52,40	R\$ 12,70	R\$4,98	R\$1,21	R\$71,28	24,23%
27	Manilha sapatilha	pç	6	R\$24,70	R\$2,35	R\$148,20	R\$ 35,91	R\$14,08	R\$3,41	R\$201,60	24,23%
28	Parafuso de maquina de 16 x 45 mm	pç	2	R\$11,20	R\$1,06	R\$22,40	R\$ 5,43	R\$2,13	R\$0,52	R\$30,47	24,23%
29	Porca olhal	pç	8	R\$28,90	R\$2,75	R\$231,20	R\$ 56,02	R\$21,96	R\$5,32	R\$314,51	24,23%
30	Isolador de suspensão polimerica 25 KV	pç	6	R\$106,80	R\$10,15	R\$640,80	R\$ 155,27	R\$60,88	R\$14,75	R\$871,69	24,23%
31	Alça preformada para estai 9,53 mm	pç	2	R\$26,40	R\$2,51	R\$52,80	R\$ 12,79	R\$5,02	R\$1,22	R\$71,82	24,23%
32	Grampos de ancoragem	pç	6	R\$65,00	R\$6,18	R\$390,00	R\$ 94,50	R\$37,05	R\$8,98	R\$530,52	24,23%
33	Perfil U	pç	2	R\$285,60	R\$27,13	R\$571,20	R\$ 138,40	R\$54,26	R\$13,15	R\$777,01	24,23%
34	Arruela quadrada 48 x 48 x 18	pç	4	R\$4,40	R\$0,42	R\$17,60	R\$ 4,26	R\$1,67	R\$0,41	R\$23,94	24,23%
35	Mão francesa parfilada de 993 mm	pç	2	R\$143,00	R\$13,59	R\$286,00	R\$ 69,30	R\$27,17	R\$6,58	R\$389,05	24,23%
36	Parafuso frances de 16 x 150 mm	pç	2	R\$14,20	R\$1,35	R\$28,40	R\$ 6,88	R\$2,70	R\$0,65	R\$38,63	24,23%
37	Cruzeta de fibra de vidro de 2000 mm	pç	2	R\$285,00	R\$27,08	R\$570,00	R\$ 138,11	R\$54,15	R\$13,12	R\$775,38	24,23%
38	Para-raios polimericos 21 KV 5 KA	pç	6	R\$405,20	R\$81,04	R\$2.431,20	R\$ 589,08	R\$486,24	R\$117,82	R\$3.624,34	24,23%
39	Conecto cunha estribo para AT	pç	6	R\$82,30	R\$7,82	R\$493,80	R\$ 119,65	R\$46,91	R\$11,37	R\$671,73	24,23%
40	Grampos de linha viva	br	6	R\$78,00	R\$7,41	R\$468,00	R\$ 113,40	R\$44,46	R\$10,77	R\$636,63	24,23%
41	Chave fusivel de 100 A , 25 kv, base C	pç	6	R\$395,20	R\$79,04	R\$2.371,20	R\$ 574,54	R\$474,24	R\$114,91	R\$3.534,89	24,23%
42	Cabo de cobre coberto 16 mm² - 15 KV	pç	24	R\$33,40	R\$3,17	R\$801,60	R\$ 194,23	R\$76,15	R\$18,45	R\$1.090,43	24,23%
43	Suporte para para-raios e chave fusivel	pç	6	R\$112,20	R\$10,66	R\$673,20	R\$ 163,12	R\$63,95	R\$15,50	R\$915,77	24,23%
44	Fio de cobre nú 6 AWG	pç	5	R\$104,50	R\$9,93	R\$522,50	R\$ 126,60	R\$49,64	R\$12,03	R\$710,77	24,23%

45	Conector fendido 35 mm²	pç	10	R\$33,00	R\$3,14	R\$330,00	R\$ 79,96	R\$31,35	R\$7,60	R\$448,91	24,23%
46	Cinta circular de 210 mm	pç	4	R\$68,80	R\$6,54	R\$275,20	R\$ 66,68	R\$26,14	R\$6,33	R\$374,36	24,23%
47	Parafuso frances de 16 x 150 mm	pç	2	R\$14,90	R\$1,42	R\$29,80	R\$ 7,22	R\$2,83	R\$0,69	R\$40,54	24,23%
48	Sela para cruzetas	m	2	R\$26,20	R\$2,49	R\$52,40	R\$ 12,70	R\$4,98	R\$1,21	R\$71,28	24,23%
49	Parafuso de maquina de 16 x 50 mm	pç	8	R\$11,40	R\$1,08	R\$91,20	R\$ 22,10	R\$8,66	R\$2,10	R\$124,06	24,23%
50	Suporte circular de 250 mm	pç	2	R\$298,00	R\$28,31	R\$596,00	R\$ 144,41	R\$56,62	R\$13,72	R\$810,75	24,23%
51	Suporte circular de 260 mm	pç	2	R\$325,00	R\$30,88	R\$650,00	R\$ 157,50	R\$61,75	R\$14,96	R\$884,21	24,23%
52	Conector cunha de 1/0 x 1/0 AWG	pç	6	R\$44,80	R\$4,26	R\$268,80	R\$ 65,13	R\$25,54	R\$6,19	R\$365,65	24,23%
53	Elos fusivel de 3H	pç	6	R\$16,00	R\$1,52	R\$96,00	R\$ 23,26	R\$9,12	R\$2,21	R\$130,59	24,23%
54	Trasforador trifásico de 75 KVA, 25 KV, 380/220V	pç	2	R\$19.890,00	R\$1.889,55	R\$39.780,00	R\$ 9.638,69	R\$3.779,10	R\$915,68	R\$54.113,47	24,23%
55	Terminal klok para cabo 70 mm completo	pç	16	R\$48,00	R\$4,56	R\$768,00	R\$ 186,09	R\$72,96	R\$17,68	R\$1.044,72	24,23%
56	Placa de identificação de TR	pç	2	R\$65,00	R\$6,18	R\$130,00	R\$ 31,50	R\$12,35	R\$2,99	R\$176,84	24,23%
57	Numeros de PM	pç	14	R\$74,40	R\$7,07	R\$1.041,60	R\$ 252,38	R\$98,95	R\$23,98	R\$1.416,91	24,23%
58	Protetor de buchas	pç	12	R\$28,90	R\$2,75	R\$346,80	R\$ 84,03	R\$32,95	R\$7,98	R\$471,76	24,23%
SUB TOTAL						R\$147.160,50	R\$35.656,99	R\$23.762,63	R\$5.757,68	R\$212.337,80	

Rangel Girardelo Vidmar

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