

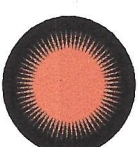


PREFEITURA MUNICIPAL DE SANTA TEREZA
AV. ITALIA, 474, SANTA TEREZA-RS

Obra: Construção de rede de baixa tensão e iluminação no parque de rodeios
Local: PARQUE DE RODEIOS

LISTA DE PREÇOS ORÇAMENTO

Bento Gonçalves, 22 de Agosto de 2014



ZENITH
Engenharia e Automação Ltda.

ITEM	DESCRIÇÃO	UNI	QUANTD.	UNITÁRIO MATERIAL	UNITÁRIO MÃO DE OBRA	TOTAL MATERIAL	TOTAL MÃO DE OBRA	TOTAL
1	ALCA P/CABO 2 CAA DG 4542	PC	2	R\$ 5,26	R\$ 4,37	R\$ 10,52	R\$ 8,73	R\$ 19,25
2	ALCA RAMAL SERVICO 10MM SG 4400	PC	4	R\$ 2,54	R\$ 2,11	R\$ 10,16	R\$ 8,43	R\$ 18,59
3	ARMACAO SECUN 1 ESTR 0.8KG(L/8)14X150MM	PC	11	R\$ 13,97	R\$ 11,60	R\$ 153,67	R\$ 127,55	R\$ 281,22
4	BALDE ATERRAMENTO PVC 250X220MM	PC	2	R\$ 8,03	R\$ 6,66	R\$ 16,06	R\$ 13,33	R\$ 29,39
5	BASE CONCRETADA	UM	5	R\$ 218,50	R\$ 181,36	R\$ 1.092,50	R\$ 906,78	R\$ 1.999,28
6	BRACO CISNE 2MX31.7X1.5MM GALVA FOGO	PC	10	R\$ 47,23	R\$ 39,20	R\$ 472,30	R\$ 392,01	R\$ 864,31
7	CABO FLEXIVEL 50MM 1KV	MT	300	R\$ 23,40	R\$ 19,42	R\$ 7.020,00	R\$ 5.826,60	R\$ 12.846,60
8	CABO FLEXIVEL 120MM 1KV	MT	20	R\$ 47,14	R\$ 39,13	R\$ 942,80	R\$ 782,52	R\$ 1.725,32
9	CABO MULTIP DUPLEX 2X10MM	MT	140	R\$ 3,32	R\$ 2,76	R\$ 464,80	R\$ 385,78	R\$ 850,58
10	CABO MULTIP QUADRI 4X35MM PTO.VERM.CZA	MT	170	R\$ 15,06	R\$ 12,50	R\$ 2.560,20	R\$ 2.124,97	R\$ 4.685,17
11	CABO PLASTICHUMBO 2X1.5MM 750V	MT	54	R\$ 1,86	R\$ 1,54	R\$ 100,44	R\$ 83,37	R\$ 183,81
12	CAIXA PASSAGEM ALVENARIA 600X600X600MM	PC	4	R\$ 383,88	R\$ 318,62	R\$ 1.535,52	R\$ 1.274,48	R\$ 2.810,00
13	CARTUCHO VERMELHO METALICO 55985/025	PC	9	R\$ 1,86	R\$ 1,54	R\$ 16,74	R\$ 13,89	R\$ 30,63
14	CINTA POSTE CONCRETO CIRCULAR 150MM	PC	4	R\$ 26,31	R\$ 21,84	R\$ 105,24	R\$ 87,35	R\$ 192,59
15	CINTA POSTE CONCRETO CIRCULAR 160MM	PC	4	R\$ 26,37	R\$ 21,89	R\$ 105,48	R\$ 87,55	R\$ 193,03
16	CINTA POSTE CONCRETO CIRCULAR 170MM	PC	9	R\$ 26,60	R\$ 22,08	R\$ 239,40	R\$ 198,70	R\$ 438,10
17	CINTA POSTE CONCRETO CIRCULAR 180MM	PC	12	R\$ 27,79	R\$ 23,07	R\$ 333,48	R\$ 276,79	R\$ 610,27
18	CONNECT 1 FUR 2 COMPRESSAO TML 50MM	PC	16	R\$ 5,43	R\$ 4,51	R\$ 86,88	R\$ 72,11	R\$ 158,99
19	CONNECT 1 FUR 2 COMPRESSAO TML 120MM	PC	8	R\$ 10,10	R\$ 8,38	R\$ 80,80	R\$ 67,06	R\$ 147,86
20	CONNECT CUNHA P/RAMAL CDC III-IV-V	PC	10	R\$ 4,55	R\$ 3,78	R\$ 45,50	R\$ 37,77	R\$ 83,27
21	CONNECT CUNHA P/RAMAL CDC-II-VERDE	PC	12	R\$ 4,87	R\$ 4,04	R\$ 58,44	R\$ 48,51	R\$ 106,95
22	CONNECT CUNHA VERMELHO CN13 PT1003	PC	9	R\$ 3,64	R\$ 3,02	R\$ 32,76	R\$ 27,19	R\$ 59,95
23	CONNECT P/HASTE COBRE REFOR 5/8 TH58	PC	7	R\$ 4,33	R\$ 3,59	R\$ 30,31	R\$ 25,16	R\$ 55,47
24	CONNECT PERFURA CDP-120 (25-120-25-120)	PC	27	R\$ 10,42	R\$ 8,65	R\$ 281,34	R\$ 233,51	R\$ 514,85
25	CONNECT PERFURA CDP-70 (10-70-1-5-10)	PC	10	R\$ 5,40	R\$ 4,48	R\$ 54,00	R\$ 44,82	R\$ 98,82
26	CONNECT SAPATA TA 50MM	PC	1	R\$ 4,72	R\$ 3,92	R\$ 4,72	R\$ 3,92	R\$ 8,64
27	CURVA GF F/F 90º 4" LONGA	PC	2	R\$ 320,02	R\$ 265,62	R\$ 640,04	R\$ 531,23	R\$ 1.171,27
28	DSIJ TERMO DSIJ-B100A CABO 1X185MM	PC	1	R\$ 257,37	R\$ 213,62	R\$ 257,37	R\$ 213,62	R\$ 470,99
29	DSIJ TERMO DSIJ-B225A CABO 1X185MM	PC	1	R\$ 435,00	R\$ 361,05	R\$ 435,00	R\$ 361,05	R\$ 796,05

Enivalter José Zeni
Engº Eletricista - CREA 53.714
CONFEA 120617602-5

30	ESTRIBO P/LIGACAO EQUIPAMENTO BT 68253-5	PC	9	R\$ 12,34	R\$	10,24	R\$ 111,06	R\$	92,18	R\$ 203,24
31	FIO COBRE NU 6AWG DURO	KG	4,5	R\$ 51,05	R\$	42,37	R\$ 229,73	R\$ 190,68	R\$ 420,41	
32	FITA AUTO FUSAO 10M	PC	3	R\$ 22,82	R\$	18,94	R\$ 68,46	R\$ 56,82	R\$ 125,28	
33	FITA GALV PERFURADA 20X1,2X25M	MT	35	R\$ 6,87	R\$	5,70	R\$ 240,45	R\$ 199,57	R\$ 440,02	
34	FITA ISOLANTE 20M 54502559	PC	6	R\$ 8,47	R\$	7,03	R\$ 50,82	R\$ 42,18	R\$ 93,00	
35	FITA PERIGO ALTA TENSÃO	MT	100	R\$ 0,83	R\$	0,69	R\$ 83,00	R\$ 68,89	R\$ 151,89	
36	HASTE COBREADA P/ATER 5/8 1M	PC	3	R\$ 12,59	R\$	10,45	R\$ 37,77	R\$ 31,35	R\$ 69,12	
37	HASTE COBREADA P/ATER 5/8 2,4M IH858	PC	4	R\$ 25,89	R\$	21,49	R\$ 103,56	R\$ 85,95	R\$ 189,51	
38	ISOLADOR ROLDANA 76X79MM 1 LETTO	PC	11	R\$ 6,04	R\$	5,01	R\$ 66,44	R\$ 55,15	R\$ 121,59	
39	LAMPADA VAPOR SODIO 150W TUBULAR	PC	10	R\$ 34,11	R\$	28,31	R\$ 341,10	R\$ 283,11	R\$ 624,21	
40	LUMI E40 IP219/33G BCO1A1,1/4C/GRADE GDI BENT	PC	10	R\$ 65,70	R\$	66,13	R\$ 657,00	R\$ 661,30	R\$ 1.318,30	
41	LUVA GF C/ROSCA 4" TUPY	PC	2	R\$ 80,47	R\$	66,79	R\$ 160,94	R\$ 133,58	R\$ 294,52	
42	MASSA CALAFETAR 1018 1KG CZA	KG	2	R\$ 21,17	R\$	17,57	R\$ 42,34	R\$ 35,14	R\$ 77,48	
43	PARAF CAB SEXT 1/4X7/8X8,8 ZB	PC	30	R\$ 0,30	R\$	0,25	R\$ 9,00	R\$ 7,47	R\$ 16,47	
44	PARAF FRANCES 16X 45MM GF	PC	42	R\$ 4,00	R\$	3,32	R\$ 168,00	R\$ 139,44	R\$ 307,44	
45	PLACA PERIGO DE MORTE	PC	1	R\$ 15,09	R\$	12,52	R\$ 15,09	R\$ 12,52	R\$ 27,61	
46	PORCA SEXT 1/4X8,8 ZB	PC	30	R\$ 0,05	R\$	0,04	R\$ 1,50	R\$ 1,25	R\$ 2,75	
47	POSTE CONCRETO TC 9M 2KN 650KG	PC	4	R\$ 769,23	R\$	638,46	R\$ 3.076,92	R\$ 2.553,84	R\$ 5.630,76	
48	POSTE CONCRETO TC 9M 4KN 735KG	PC	5	R\$ 948,88	R\$	787,57	R\$ 4.744,40	R\$ 3.937,85	R\$ 8.682,25	
49	QUADRO COMANDO CS 950X600X220 902138 COM BARRAMENTO	PC	1	R\$ 755,00	R\$	626,65	R\$ 755,00	R\$ 626,65	R\$ 1.381,65	
50	RABIC BT MULT 35MM 60CM CZA	PC	9	R\$ 9,14	R\$	7,59	R\$ 82,26	R\$ 68,28	R\$ 150,54	
51	RABIC BT MULT 35MM 60CM PTO	PC	9	R\$ 9,14	R\$	7,59	R\$ 82,26	R\$ 68,28	R\$ 150,54	
52	RABIC BT MULT 35MM 60CM VERM	PC	9	R\$ 9,14	R\$	7,59	R\$ 82,26	R\$ 68,28	R\$ 150,54	
53	REATOR V S 150W AFP C/BASE EXTERNA	PC	10	R\$ 119,43	R\$	99,13	R\$ 1.194,30	R\$ 991,27	R\$ 2.185,57	
54	RELE FOTOEL STIELETR RFM/12 220V	PC	10	R\$ 20,92	R\$	17,36	R\$ 209,20	R\$ 173,64	R\$ 382,84	
55	TUBO CANAFLEX CZA 4"	MT	50	R\$ 9,45	R\$	7,84	R\$ 472,50	R\$ 392,18	R\$ 864,68	
56	TUBO GAL C/ ROSC 4"X3,75MM (3M BARR	MT	6	R\$ 146,22	R\$	121,36	R\$ 877,32	R\$ 728,18	R\$ 1.605,50	
SOMA TOTAL							R\$ 31.149,15	R\$ 25.969,78	R\$ 57.118,93	

OBS: NÃO ESTÃO INCLUIDOS NO ORÇAMENTO OBRAS CIVIS, ABERTURA DE VALAS E ABERTURA DE CAVAS EM ROCHA
ART: 6800445


Eng. Enivar José Zeni
CREA-RS/ 53714