



CIMME - CONCORRÊNCIA 01.2020

Análise da conformidade das planilhas/propostas

OBJETO: Construção Aterro Sanitário Intermunicipal



PLANILHA DE
Obra
Local

PENASCAL (BDI no final)

TOTAL

R\$ 7.848.950,63
CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
1							
1.1	#N/D	#N/D	#N/D	#N/D		#N/D	FALTA ITEM 1
1.2	12,00	OK	228,79	R\$ 2.745,43	OK	25,44%	
1.3	6,00	OK	228,79	R\$ 1.372,72	OK	25,44%	
1.4	140.800,00	OK	0,18	R\$ 25.361,42	OK	53,81%	
1.5	370,00	OK	4,81	R\$ 1.781,00	OK	25,37%	
1.6	1,00	OK	3.576,83	R\$ 3.576,83	OK	25,44%	
1.7	1,00	OK	934,27	R\$ 934,27	OK	25,44%	
1.8	30,00	OK	443,35	R\$ 13.300,51	OK	25,44%	
1.9	30,00	OK	554,74	R\$ 16.642,26	OK	25,44%	
1.10	1,00	OK	20.763,29	R\$ 20.763,29	OK	25,44%	
1.11	25,00	OK	135,80	R\$ 3.395,07	OK	25,44%	
1.12	25,00	OK	219,97	R\$ 5.499,33	OK	25,44%	
1.13	10,00	OK	49.052,30	R\$ 490.522,98	OK	41,07%	
2							
2.1	147.254,00	OK	0,24	R\$ 34.852,30	OK	26,04%	
2.2	323,00	OK	20,21	R\$ 6.529,13	OK	25,44%	
2.3	125,00	OK	28,86	R\$ 3.607,67	OK	25,46%	
2.4	29.450,80	OK	2,51	R\$ 73.965,62	OK	25,47%	



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2.5	38.286,04	OK	3,24	R\$ 124.001,28	OK	25,37%	
2.6	279.555,00	OK	4,59	R\$ 1.282.665,94	OK	25,52%	
2.7	108.810,00	OK	4,12	R\$ 448.184,69	OK	25,52%	
2.8	164.761,00	OK	4,12	R\$ 678.644,96	OK	25,52%	
3							
3.1	56,00	OK	4,50	R\$ 252,22	OK	25,43%	
3.2	56,00	OK	17,54	R\$ 982,06	OK	25,44%	
3.3	1.985,00	OK	1,50	R\$ 2.984,65	OK	25,56%	
3.4	1.985,00	OK	3,43	R\$ 6.814,03	OK	25,54%	
3.5	5.929,00	OK	26,48	R\$ 157.016,85	OK	25,44%	
3.6	5.929,00	OK	2,23	R\$ 13.238,01	OK	25,57%	
3.7	208,20	OK	12,67	R\$ 2.638,80	OK	25,45%	
3.8	1.653,75	OK	0,62	R\$ 1.029,92	OK	25,86%	
3.9	1.323,00	OK	3,44	R\$ 4.548,13	OK	25,43%	



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ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
4							
4.1	492,00	OK	88,51	R\$ 43.545,69	OK	25,45%	
4.2	368,00	OK	131,35	R\$ 48.338,34	OK	25,44%	
4.3	275,00	OK	142,39	R\$ 39.156,08	OK	25,44%	
4.4	1,00	OK	715,67	R\$ 715,67	OK	25,44%	
4.5	2,00	OK	463,64	R\$ 927,28	OK	25,44%	
4.6	78,00	OK	955,83	R\$ 74.554,63	OK	25,44%	
4.7	275,00	OK	0,62	R\$ 171,26	OK	25,86%	
4.8	220,00	OK	3,44	R\$ 756,30	OK	25,43%	
4.9	5,00	OK	466,88	R\$ 2.334,42	OK	25,44%	
4.10	10,00	OK	314,08	R\$ 3.140,83	OK	25,44%	
5							
5.1	94,00	OK	4,50	R\$ 423,37	OK	25,43%	
5.2	94,00	OK	17,54	R\$ 1.648,46	OK	25,44%	
5.3	474,00	OK	1,50	R\$ 712,71	OK	25,56%	



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5.4	474,00	OK	3,43	R\$ 1.627,13	OK	25,54%	
5.5	2.076,80	OK	21,82	R\$ 45.321,70	OK	25,44%	
5.6	2.076,80	OK	21,82	R\$ 45.321,70	OK	-627,43%	VALOR ACIMA DO PERMITIDO
5.7	7,00	OK	743,99	R\$ 5.207,94	OK	25,44%	
5.8	1,00	OK	656,88	R\$ 656,88	OK	25,44%	
5.9	40,00	OK	207,64	R\$ 8.305,40	OK	25,44%	
5.10	1,00	OK	860,36	R\$ 860,36	OK	25,44%	
5.11	281,00	OK	204,43	R\$ 57.443,76	OK	25,44%	
5.12	1,00	OK	431,60	R\$ 431,60	OK	25,44%	
5.13	1,00	OK	74,59	R\$ 74,59	OK	25,44%	
6							
6.1	100,00	OK	574,34	R\$ 57.433,57	OK	25,44%	
6.2	1.760,00	OK	3,39	R\$ 5.974,44	OK	25,39%	
6.3	2.000,00	OK	3,40	R\$ 6.790,92	OK	25,70%	
6.4	32,00	OK	8,77	R\$ 280,56	OK	25,45%	
6.5	16,00	OK	8,12	R\$ 129,96	OK	25,42%	
6.6	390,00	OK	8,01	R\$ 3.123,02	OK	25,44%	
6.7	20,00	OK	223,68	R\$ 4.473,60	OK	25,44%	



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6.8	3.900,00	OK	8,01	R\$ 31.230,20	OK	25,44%	
6.9	42,00	OK	89,36	R\$ 3.753,13	OK	25,44%	
6.10	1.950,00	OK	8,01	R\$ 15.615,10	OK	25,44%	
6.11	192,00	OK	65,61	R\$ 12.597,66	OK	25,44%	
6.12	9,00	OK	703,21	R\$ 6.328,85	OK	25,44%	
7							
7.1	3.647,00	OK	59,53	R\$ 217.092,10	OK	25,44%	
7.2	836,00	OK	77,76	R\$ 65.004,45	OK	25,44%	
7.3	1.202,00	OK	143,50	R\$ 172.486,73	OK	25,44%	
7.4	298,00	OK	171,42	R\$ 51.083,52	OK	25,44%	
7.5	1,00	OK	712,06	R\$ 712,06	OK	25,44%	
7.6	4,00	OK	1.437,30	R\$ 5.749,21	OK	25,44%	
7.7	9,00	OK	1.437,30	R\$ 12.935,73	OK	25,44%	
7.8	5,00	OK	1.437,30	R\$ 7.186,52	OK	25,44%	
7.9	4,00	OK	1.437,30	R\$ 5.749,21	OK	25,44%	
7.11	2,00	OK	712,06	R\$ 1.424,13	OK	25,44%	
7.12	60,00	OK	144,26	R\$ 8.655,59	OK	25,44%	
7.13	36,00	OK	146,68	R\$ 5.280,59	OK	25,44%	



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7.14	83,00	OK	170,61	R\$ 14.160,23	OK	25,44%	
7.15	10,00	OK	530,68	R\$ 5.306,80	OK	25,44%	
7.16	1,00	OK	1.048,06	R\$ 1.048,06	OK	25,48%	
7.17	1,00	OK	2.529,12	R\$ 2.529,12	OK	25,44%	
7.18	9,00	OK	183,86	R\$ 1.654,74	OK	25,44%	
7.19	1.932,00	OK	130,13	R\$ 251.419,38	OK	25,44%	
7.20	6,00	OK	1.500,69	R\$ 9.004,12	OK	25,44%	
8							
8.1	12.691,00	OK	0,96	R\$ 12.185,69	OK	25,57%	
8.2	1.904,00	OK	72,24	R\$ 137.544,09	OK	25,44%	
8.3	635,00	OK	72,17	R\$ 45.829,50	OK	25,44%	
9							
9.1	1,00	OK	114.577,06	R\$ 114.577,06	OK	25,47%	
9.2	1,00	OK	56.664,02	R\$ 56.664,02	OK	25,44%	
9.3	1,00	OK	14.051,23	R\$ 14.051,23	OK	25,44%	
9.4	1,00	OK	74.757,35	R\$ 74.757,35	OK	25,44%	
9.5	7,40	OK	518,83	R\$ 3.839,33	OK	25,45%	



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9.6	1.788,00	OK	20,19	R\$ 36.096,72	OK	25,44%	
9.7	1.400,00	OK	10,06	R\$ 14.085,79	OK	25,43%	
10							
10.1	1,00	OK	24.944,30	R\$ 24.944,30	OK	25,44%	
10.2	1,00	OK	154.080,05	R\$ 154.080,05	OK	25,44%	
10.3	1,00	OK	154.641,62	R\$ 154.641,62	OK	25,44%	
11							
11.1	100,00	OK	26,39	R\$ 2.639,41	OK	25,44%	
11.2	10,50	OK	381,79	R\$ 4.008,76	OK	25,44%	
11.3	15.570,00	OK	0,96	R\$ 14.950,06	OK	25,57%	
11.4	329,00	OK	72,17	R\$ 23.744,73	OK	25,44%	
11.5	56.259,00	OK	9,38	R\$ 527.713,43	OK	25,44%	

TOTAL



TOTAL
R\$ 8.838.857,83
 CORREÇÃO

VINA (BDI no final)

R\$

PLAVIL
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ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
1							
1.1	1,36%	N	7.643.866,15	R\$ 103.918,06	OK	32,03%	
1.2	12,00	OK	306,81	R\$ 3.681,72	OK	0,01%	
1.3	6,00	OK	306,81	R\$ 1.840,86	OK	0,01%	
1.4	140.800,00	OK	0,39	R\$ 54.912,00	OK	0,00%	
1.5	370,00	OK	6,32	R\$ 2.338,40	OK	2,02%	
1.6	1,00	OK	4.851,23	R\$ 4.851,23	OK	-1,13%	VALOR ACIMA DO PERMITIDO
1.7	1,00	OK	1.290,24	R\$ 1.290,24	OK	-2,97%	VALOR ACIMA DO PERMITIDO
1.8	30,00	OK	346,77	R\$ 10.403,10	OK	41,68%	
1.9	30,00	OK	346,77	R\$ 10.403,10	OK	53,39%	
1.10	1,00	OK	27.276,86	R\$ 27.276,86	OK	2,05%	
1.11	25,00	OK	295,03	R\$ 7.375,75	OK	-61,98%	VALOR ACIMA DO PERMITIDO
1.12	25,00	OK	295,03	R\$ 7.375,75	OK	0,00%	
1.13	10,00	OK	82.735,25	R\$ 827.352,50	OK	0,61%	
2							
2.1	147.254,00	OK	0,31	R\$ 45.648,74	OK	3,13%	
2.2	323,00	OK	26,48	R\$ 8.553,04	OK	2,32%	
2.3	125,00	OK	37,82	R\$ 4.727,50	OK	2,32%	
2.4	29.450,80	OK	3,09	R\$ 91.002,97	N	8,31%	



TOTAL R\$ 8.838.857,83
CORREÇÃO

VINA (BDI no final)

PLANILHA DE
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Local

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
2.5	38.286,04	OK	3,82	R\$ 146.252,67	N	11,98%	
2.6	279.555,00	OK	5,23	R\$ 1.462.072,65	OK	15,10%	
2.7	108.810,00	OK	2,72	R\$ 295.963,20	OK	50,81%	
2.8	164.761,00	OK	2,72	R\$ 448.149,92	OK	50,81%	
3							
3.1	56,00	OK	5,41	R\$ 302,96	OK	10,43%	
3.2	56,00	OK	20,57	R\$ 1.151,92	OK	12,54%	
3.3	1.985,00	OK	2,02	R\$ 4.009,70	OK	0,00%	
3.4	1.985,00	OK	3,07	R\$ 6.093,95	OK	33,41%	
3.5	5.929,00	OK	32,50	R\$ 192.692,50	OK	8,50%	
3.6	5.929,00	OK	3,00	R\$ 17.787,00	OK	0,00%	
3.7	208,20	OK	16,81	R\$ 3.499,84	N	1,12%	
3.8	1.653,75	OK	0,84	R\$ 1.389,15	OK	0,00%	
3.9	1.323,00	OK	3,70	R\$ 4.895,10	OK	19,74%	



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ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
4							
4.1	492,00	OK	99,06	R\$ 48.737,52	OK	16,56%	
4.2	368,00	OK	175,47	R\$ 64.572,96	OK	0,40%	
4.3	275,00	OK	190,96	R\$ 52.514,00	OK	0,00%	
4.4	1,00	OK	794,84	R\$ 794,84	OK	17,19%	
4.5	2,00	OK	615,57	R\$ 1.231,14	OK	1,01%	
					OK		
4.6	78,00	OK	1.207,27	R\$ 94.167,06	OK	5,83%	
					OK		
4.7	275,00	OK	0,84	R\$ 231,00	OK	0,00%	
4.8	220,00	OK	3,70	R\$ 814,00	OK	19,74%	
					OK		
4.9	5,00	OK	534,10	R\$ 2.670,50	OK	14,71%	
4.10	10,00	OK	401,62	R\$ 4.016,20	OK	4,66%	
5							
5.1	94,00	OK	5,41	R\$ 508,54	OK	10,43%	
5.2	94,00	OK	20,57	R\$ 1.933,58	OK	12,54%	
5.3	474,00	OK	2,02	R\$ 957,48	OK	0,00%	



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ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
5.4	474,00	OK	3,07	R\$ 1.455,18	OK	33,41%	
5.5	2.076,80	OK	26,00	R\$ 53.996,80	OK	11,17%	
5.6	2.076,80	OK	3,00	R\$ 6.230,40	OK	0,00%	
5.7	7,00	OK	996,96	R\$ 6.978,72	OK	0,09%	
5.8	1,00	OK	880,55	R\$ 880,55	OK	0,05%	
5.9	40,00	OK	278,46	R\$ 11.138,40	OK	0,01%	
5.10	1,00	OK	1.144,69	R\$ 1.144,69	OK	0,80%	
5.11	281,00	OK	273,27	R\$ 76.788,87	OK	0,33%	
5.12	1,00	OK	552,95	R\$ 552,95	OK	4,48%	
5.13	1,00	OK	100,00	R\$ 100,00	OK	0,04%	
6							
6.1	100,00	OK	770,30	R\$ 77.030,00	OK	0,00%	
6.2	1.760,00	OK	4,54	R\$ 7.990,40	OK	0,22%	
6.3	2.000,00	OK	4,31	R\$ 8.620,00	OK	5,69%	
6.4	32,00	OK	6,59	R\$ 210,88	OK	43,96%	
6.5	16,00	OK	5,90	R\$ 94,40	OK	45,82%	
6.6	390,00	OK	10,74	R\$ 4.188,60	OK	0,00%	
6.7	20,00	OK	300,00	R\$ 6.000,00	OK	0,00%	



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ITEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
6.8	3.900,00	OK	10,73	R\$ 41.847,00	OK	0,09%	
6.9	42,00	OK	119,80	R\$ 5.031,60	OK	0,04%	
6.10	1.950,00	OK	10,73	R\$ 20.923,50	OK	0,09%	
6.11	192,00	OK	87,99	R\$ 16.894,08	OK	0,01%	
6.12	9,00	OK	170,00	R\$ 1.530,00	OK	81,98%	
7							
7.1	3.647,00	OK	72,50	R\$ 264.407,50	OK	9,19%	
7.2	836,00	OK	103,39	R\$ 86.434,04	OK	0,86%	
7.3	1.202,00	OK	187,99	R\$ 225.963,98	OK	2,32%	
7.4	298,00	OK	226,49	R\$ 67.494,02	OK	1,49%	
7.5	1,00	OK	954,98	R\$ 954,98	OK	0,01%	
7.6	4,00	OK	1.861,56	R\$ 7.446,24	OK	3,44%	
7.7	9,00	OK	1.879,37	R\$ 16.914,33	OK	2,51%	
7.8	5,00	OK	1.844,05	R\$ 9.220,25	OK	4,35%	
7.9	4,00	OK	1.861,56	R\$ 7.446,24	OK	3,44%	
7.11	2,00	OK	915,27	R\$ 1.830,54	OK	4,16%	
7.12	60,00	OK	174,05	R\$ 10.443,00	OK	10,04%	
7.13	36,00	OK	180,05	R\$ 6.481,80	OK	8,48%	



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7.14	83,00	OK	228,35	R\$ 18.953,05	OK	0,21%	
7.15	10,00	OK	702,48	R\$ 7.024,80	OK	1,30%	
7.16	1,00	OK	1.217,15	R\$ 1.217,15	OK	13,46%	
7.17	1,00	OK	3.359,14	R\$ 3.359,14	OK	0,97%	
7.18	9,00	OK	225,79	R\$ 2.032,11	OK	8,44%	
7.19	1.932,00	OK	167,81	R\$ 324.208,92	OK	3,85%	
7.20	6,00	OK	1.729,94	R\$ 10.379,64	OK	14,05%	
8							
8.1	12.691,00	OK	1,28	R\$ 16.244,48	OK	0,78%	
8.2	1.904,00	OK	93,08	R\$ 177.224,32	OK	3,93%	
8.3	635,00	OK	96,80	R\$ 61.468,00	OK	0,00%	
9							
9.1	1,00	OK	153.734,53	R\$ 153.734,53	OK	0,00%	
9.2	1,00	OK	70.685,95	R\$ 70.685,95	OK	6,99%	
9.3	1,00	OK	17.464,34	R\$ 17.464,34	OK	7,33%	
9.4	1,00	OK	99.746,69	R\$ 99.746,69	OK	0,52%	
9.5	7,40	OK	688,49	R\$ 5.094,83	N	1,07%	



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R\$

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ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	CORREÇÃO
9.6	1.788,00	OK	26,35	R\$ 47.113,80	OK	2,68%	
9.7	1.400,00	OK	13,23	R\$ 18.522,00	OK	1,94%	
10							
10.1	1,00	OK	33.454,76	R\$ 33.454,76	N	0,00%	
10.2	1,00	OK	206.644,85	R\$ 206.644,85	N	0,00%	
10.3	1,00	OK	207.391,97	R\$ 207.391,97	N	0,00%	
11							
11.1	100,00	OK	33,93	R\$ 3.393,00	OK	4,15%	
11.2	10,50	OK	502,75	R\$ 5.278,88	N	1,82%	
11.3	15.570,00	OK	1,28	R\$ 19.929,60	OK	0,78%	
11.4	329,00	OK	96,80	R\$ 31.847,20	OK	0,00%	
11.5	56.259,00	OK	8,76	R\$ 492.828,84	OK	30,37%	

TOTAL



TOTAL

R\$ 9.150.324,36
CORREÇÃO

CONTORNO (BDI no final)

R\$

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ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
1							
1.1	2%	OK	6.820.256,69	R\$ 136.405,13	OK	10,77%	
1.2	12,00	OK	289,10	R\$ 3.469,20	OK	5,78%	
1.3	6,00	OK	289,10	R\$ 1.734,60	OK	5,78%	
1.4	140.800,00	OK	0,24	R\$ 33.792,00	OK	38,46%	
1.5	370,00	OK	6,23	R\$ 2.305,10	OK	3,41%	
1.6	1,00	OK	4.536,06	R\$ 4.536,06	OK	5,44%	
1.7	1,00	OK	1.171,45	R\$ 1.171,45	OK	6,51%	
1.8	30,00	OK	537,51	R\$ 16.125,30	OK	9,60%	
1.9	30,00	OK	679,55	R\$ 20.386,50	OK	8,67%	
1.10	1,00	OK	27.847,75	R\$ 27.847,75	OK	0,00%	
1.11	25,00	OK	164,37	R\$ 4.109,25	OK	9,76%	
1.12	25,00	OK	268,29	R\$ 6.707,25	OK	9,06%	
1.13	10,00	OK	57.692,52	R\$ 576.925,20	OK	30,00%	
2							
2.1	147.254,00	OK	0,27	R\$ 39.758,58	OK	15,63%	
2.2	323,00	OK	26,96	R\$ 8.708,08	OK	0,55%	
2.3	125,00	OK	38,69	R\$ 4.836,25	OK	0,08%	
2.4	29.450,80	OK	2,78	R\$ 81.873,22	OK	17,51%	



TOTAL

R\$ 9.150.324,36
CORREÇÃO

CONTORNO (BDI no final)

R\$

PLANILHA DE
Obra
Local

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
2.5	38.286,04	OK	3,78	R\$ 144.721,23	OK	12,90%	
2.6	279.555,00	OK	5,25	R\$ 1.467.663,75	OK	14,77%	
2.7	108.810,00	OK	4,37	R\$ 475.499,70	OK	20,98%	
2.8	164.761,00	OK	4,37	R\$ 720.005,57	OK	20,98%	
3							
3.1	56,00	OK	4,61	R\$ 258,16	OK	23,68%	
3.2	56,00	OK	16,81	R\$ 941,36	OK	28,53%	
3.3	1.985,00	OK	1,74	R\$ 3.453,90	OK	13,86%	
3.4	1.985,00	OK	3,70	R\$ 7.344,50	OK	19,74%	
3.5	5.929,00	OK	26,00	R\$ 154.154,00	OK	26,80%	
3.6	5.929,00	OK	3,00	R\$ 17.787,00	OK	0,00%	
3.7	208,20	OK	16,73	R\$ 3.483,19	OK	1,59%	
3.8	1.653,75	OK	0,73	R\$ 1.207,24	OK	13,10%	
3.9	1.323,00	OK	3,67	R\$ 4.855,41	OK	20,39%	



TOTAL

9.150.324,36
CORREÇÃO

CONTORNO (BDI no final)

R\$

PLAVIL
HA DE
Obra
Local

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
4							
4.1	492,00	OK	115,81	R\$ 56.978,52	OK	2,45%	
4.2	368,00	OK	173,14	R\$ 63.715,52	OK	1,72%	
4.3	275,00	OK	187,94	R\$ 51.683,50	OK	1,59%	
4.4	1,00	OK	947,42	R\$ 947,42	OK	1,30%	
4.5	2,00	OK	604,33	R\$ 1.208,66	OK	2,82%	
4.6	78,00	OK	1.280,53	R\$ 99.881,34	OK	0,11%	
4.7	275,00	OK	0,73	R\$ 200,75	OK	13,10%	
4.8	220,00	OK	3,67	R\$ 807,40	OK	20,39%	
4.9	5,00	OK	624,77	R\$ 3.123,85	OK	0,23%	
4.10	10,00	OK	325,55	R\$ 3.255,50	OK	22,72%	
5							
5.1	94,00	OK	4,61	R\$ 433,34	OK	23,68%	
5.2	94,00	OK	16,81	R\$ 1.580,14	OK	28,53%	
5.3	474,00	OK	1,74	R\$ 824,76	OK	13,86%	



PLANILHA DE
Obra
Local

CONTORNO (BDI no final)

TOTAL

R\$

9.150.324,36
CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
5.4	474,00	OK	3,70	R\$ 1.753,80	OK	19,74%	
5.5	2.076,80	OK	29,27	R\$ 60.787,94	OK	0,00%	
5.6	2.076,80	OK	3,00	R\$ 6.230,40	OK	0,00%	
5.7	7,00	OK	997,85	R\$ 6.984,92	OK	0,00%	
5.8	1,00	OK	846,68	R\$ 846,68	OK	3,90%	
5.9	40,00	OK	277,28	R\$ 11.091,20	OK	0,43%	
5.10	1,00	OK	1.084,80	R\$ 1.084,80	OK	5,99%	
5.11	281,00	OK	273,89	R\$ 76.963,09	OK	0,10%	
5.12	1,00	OK	468,51	R\$ 468,51	OK	19,06%	
5.13	1,00	OK	100,04	R\$ 100,04	OK	0,00%	
6							
6.1	100,00	OK	770,30	R\$ 77.030,00	OK	0,00%	
6.2	1.760,00	OK	4,54	R\$ 7.990,40	OK	0,22%	
6.3	2.000,00	OK	4,56	R\$ 9.120,00	OK	0,22%	
6.4	32,00	OK	11,75	R\$ 376,00	OK	0,09%	
6.5	16,00	OK	10,23	R\$ 163,68	OK	6,06%	
6.6	390,00	OK	10,74	R\$ 4.188,60	OK	0,00%	
6.7	20,00	OK	300,00	R\$ 6.000,00	OK	0,00%	



PLANILHA DE
Obra
Local

CONTORNO (BDI no final)

TOTAL

R\$

9.150.324,36
CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
6.8	3.900,00	OK	10,74	R\$ 41.886,00	OK	0,00%	
6.9	42,00	OK	119,85	R\$ 5.033,70	OK	0,00%	
6.10	1.950,00	OK	10,74	R\$ 20.943,00	OK	0,00%	
6.11	192,00	OK	88,00	R\$ 16.896,00	OK	0,00%	
6.12	9,00	OK	943,14	R\$ 8.488,26	OK	0,00%	
7							
7.1	3.647,00	OK	62,68	R\$ 228.593,96	OK	21,49%	
7.2	836,00	OK	86,92	R\$ 72.665,12	OK	16,66%	
7.3	1.202,00	OK	192,46	R\$ 231.336,92	OK	0,00%	
7.4	298,00	OK	229,92	R\$ 68.516,16	OK	0,00%	
7.5	1,00	OK	816,33	R\$ 816,33	OK	14,52%	
7.6	4,00	OK	1.789,12	R\$ 7.156,48	OK	7,19%	
7.7	9,00	OK	1.789,12	R\$ 16.102,08	OK	7,19%	
7.8	5,00	OK	1.789,12	R\$ 8.945,60	OK	7,19%	
7.9	4,00	OK	1.789,12	R\$ 7.156,48	OK	7,19%	
7.11	2,00	OK	816,33	R\$ 1.632,66	OK	14,52%	
7.12	60,00	OK	184,61	R\$ 11.076,60	OK	4,58%	
7.13	36,00	OK	188,61	R\$ 6.789,96	OK	4,13%	



TOTAL R\$ 9.150.324,36
CORREÇÃO

CONTORNO (BDI no final)

PLANILHA DE
Obra
Local

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
7.14	83,00	OK	227,65	R\$ 18.894,95	OK	0,51%	
7.15	10,00	OK	635,10	R\$ 6.351,00	OK	10,77%	
7.16	1,00	OK	1.154,92	R\$ 1.154,92	OK	17,88%	
7.17	1,00	OK	3.392,16	R\$ 3.392,16	OK	0,00%	
7.18	9,00	OK	246,60	R\$ 2.219,40	OK	0,00%	
7.19	1.932,00	OK	156,19	R\$ 301.759,08	OK	10,51%	
7.20	6,00	OK	2.004,54	R\$ 12.027,24	OK	0,41%	
8							
8.1	12.691,00	OK	1,08	R\$ 13.706,28	OK	16,28%	
8.2	1.904,00	OK	96,59	R\$ 183.907,36	OK	0,31%	
8.3	635,00	OK	96,59	R\$ 61.334,65	OK	0,22%	
9							
9.1	1,00	OK	153.734,53	R\$ 153.734,53	OK	0,00%	
9.2	1,00	OK	75.997,88	R\$ 75.997,88	OK	0,00%	
9.3	1,00	OK	18.845,54	R\$ 18.845,54	OK	0,00%	
9.4	1,00	OK	90.264,69	R\$ 90.264,69	OK	9,97%	
9.5	7,40	OK	548,87	R\$ 4.061,64	OK	21,13%	



PLANILHA DE
Obra
Local

CONTORNO (BDI no final)

R\$

TOTAL

9.150.324,36

CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
9.6	1.788,00	OK	22,12	R\$ 39.550,56	OK	18,30%	
9.7	1.400,00	OK	11,39	R\$ 15.946,00	OK	15,58%	
10							
10.1	1,00	OK	33.454,76	R\$ 33.454,76	OK	0,00%	
10.2	1,00	OK	206.644,85	R\$ 206.644,85	OK	0,00%	
10.3	1,00	OK	207.391,97	R\$ 207.391,97	OK	0,00%	
11							
11.1	100,00	OK	28,92	R\$ 2.892,00	OK	18,31%	
11.2	10,50	OK	498,43	R\$ 5.233,52	OK	2,66%	
11.3	15.570,00	OK	1,08	R\$ 16.815,60	OK	16,28%	
11.4	329,00	OK	96,59	R\$ 31.778,11	OK	0,22%	
11.5	56.259,00	OK	10,88	R\$ 612.097,92	OK	13,51%	

TOTAL



PLANILHA DE
Obra
Local

GM ENGENHARIA (BDI no final)

R\$

TOTAL

9.174.535,39
CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
1							
1.1	2,00%	OK	6.867.483,49	R\$ 137.349,67	OK	10,16%	
1.2	12,00	OK	306,62	R\$ 3.679,44	OK	0,07%	
1.3	6,00	OK	306,62	R\$ 1.839,72	OK	0,07%	
1.4	140.800,00	OK	0,30	R\$ 42.240,00	OK	23,08%	
1.5	370,00	OK	6,45	R\$ 2.386,50	OK	0,00%	
1.6	1,00	OK	4.797,25	R\$ 4.797,25	OK	0,00%	
1.7	1,00	OK	1.253,04	R\$ 1.253,04	OK	0,00%	
1.8	30,00	OK	594,62	R\$ 17.838,60	OK	0,00%	
1.9	30,00	OK	400,00	R\$ 12.000,00	OK	46,24%	
1.10	1,00	OK	12.847,75	R\$ 12.847,75	OK	53,86%	
1.11	25,00	OK	182,14	R\$ 4.553,50	OK	0,00%	
1.12	25,00	OK	295,03	R\$ 7.375,75	OK	0,00%	
1.13	10,00	OK	49.683,56	R\$ 496.835,60	OK	40,31%	
2							
2.1	147.254,00	OK	0,32	R\$ 47.121,28	OK	0,00%	
2.2	323,00	OK	27,11	R\$ 8.756,53	OK	0,00%	
2.3	125,00	OK	38,71	R\$ 4.838,75	OK	0,03%	
2.4	29.450,80	OK	2,94	R\$ 86.585,35	OK	12,76%	



PLANO
 HA DE
 Obra
 Local

GM ENGENHARIA (BDI no final)

R\$

TOTAL

9.174.535,39

CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
2.5	38.286,04	OK	3,30	R\$ 126.343,93	OK	23,96%	
2.6	279.555,00	OK	5,30	R\$ 1.481.641,50	OK	13,96%	
2.7	108.810,00	OK	4,65	R\$ 505.966,50	OK	15,91%	
2.8	164.761,00	OK	4,40	R\$ 724.948,40	OK	20,43%	
3							
3.1	56,00	OK	6,04	R\$ 338,24	OK	0,00%	
3.2	56,00	OK	23,52	R\$ 1.317,12	OK	0,00%	
3.3	1.985,00	OK	2,02	R\$ 4.009,70	OK	0,00%	
3.4	1.985,00	OK	4,61	R\$ 9.150,85	OK	0,00%	
3.5	5.929,00	OK	35,52	R\$ 210.598,08	OK	0,00%	
3.6	5.929,00	OK	3,00	R\$ 17.787,00	OK	0,00%	
3.7	208,20	OK	17,00	R\$ 3.539,40	OK	0,00%	
3.8	1.653,75	OK	0,84	R\$ 1.389,15	OK	0,00%	
3.9	1.323,00	OK	4,61	R\$ 6.099,03	OK	0,00%	



PLANILHA DE
Obra
Local

GM ENGENHARIA (BDI no final)

R\$

TOTAL

9.174.535,39

CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
4							
4.1	492,00	OK	118,72	R\$ 58.408,17	OK	0,00%	
4.2	368,00	OK	176,17	R\$ 64.829,59	OK	0,00%	
4.3	275,00	OK	190,97	R\$ 52.516,03	OK	0,00%	
4.4	1,00	OK	959,86	R\$ 959,86	OK	0,00%	
4.5	2,00	OK	621,84	R\$ 1.243,67	OK	0,00%	
					OK		
4.6	78,00	OK	1.144,62	R\$ 89.280,17	OK	10,71%	
					OK		
4.7	275,00	OK	0,84	R\$ 231,00	OK	0,00%	
4.8	220,00	OK	4,61	R\$ 1.014,20	OK	0,00%	
					OK		
4.9	5,00	OK	626,19	R\$ 3.130,96	OK	0,00%	
4.10	10,00	OK	421,25	R\$ 4.212,46	OK	0,00%	
5							
5.1	94,00	OK	6,04	R\$ 567,76	OK	0,00%	
5.2	94,00	OK	23,52	R\$ 2.210,88	OK	0,00%	
5.3	474,00	OK	2,02	R\$ 957,48	OK	0,00%	



PLANILHA DE
Obra
Local

GM ENGENHARIA (BDI no final)

R\$

TOTAL

9.174.535,39
CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
5.4	474,00	OK	4,61	R\$ 2.185,14	OK	0,00%	
5.5	2.076,80	OK	29,27	R\$ 60.787,94	OK	0,00%	
5.6	2.076,80	OK	3,00	R\$ 6.230,40	OK	0,00%	
5.7	7,00	OK	997,85	R\$ 6.984,92	OK	0,00%	
5.8	1,00	OK	881,00	R\$ 881,00	OK	0,00%	
5.9	40,00	OK	278,48	R\$ 11.139,20	OK	0,00%	
5.10	1,00	OK	1.153,92	R\$ 1.153,92	OK	0,00%	
5.11	281,00	OK	274,18	R\$ 77.043,46	OK	0,00%	
5.12	1,00	OK	578,86	R\$ 578,86	OK	0,00%	
5.13	1,00	OK	100,04	R\$ 100,04	OK	0,00%	
6							
6.1	100,00	OK	770,30	R\$ 77.030,00	OK	0,00%	
6.2	1.760,00	OK	4,55	R\$ 8.008,00	OK	0,00%	
6.3	2.000,00	OK	4,57	R\$ 9.140,00	OK	0,00%	
6.4	32,00	OK	10,35	R\$ 331,20	OK	11,99%	
6.5	16,00	OK	10,07	R\$ 161,12	OK	7,53%	
6.6	390,00	OK	10,74	R\$ 4.188,60	OK	0,00%	
6.7	20,00	OK	300,00	R\$ 6.000,00	OK	0,00%	



PLAVIL
HA DE
Obra
Local

GM ENGENHARIA (BDI no final)

R\$

TOTAL

9.174.535,39

CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
6.8	3.900,00	OK	10,74	R\$ 41.886,00	OK	0,00%	
6.9	42,00	OK	119,85	R\$ 5.033,70	OK	0,00%	
6.10	1.950,00	OK	10,74	R\$ 20.943,00	OK	0,00%	
6.11	192,00	OK	88,00	R\$ 16.896,00	OK	0,00%	
6.12	9,00	OK	943,14	R\$ 8.488,26	OK	0,00%	
7							
7.1	3.647,00	OK	70,00	R\$ 255.290,00	OK	12,32%	
7.2	836,00	OK	64,06	R\$ 53.554,16	OK	38,58%	
7.3	1.202,00	OK	192,46	R\$ 231.341,45	OK	0,00%	
7.4	298,00	OK	229,92	R\$ 68.515,06	OK	0,00%	
7.5	1,00	OK	955,03	R\$ 955,03	OK	0,00%	
7.6	4,00	OK	1.927,82	R\$ 7.711,28	OK	0,00%	
7.7	9,00	OK	1.927,82	R\$ 17.350,39	OK	0,00%	
7.8	5,00	OK	1.927,82	R\$ 9.639,10	OK	0,00%	
7.9	4,00	OK	1.927,82	R\$ 7.711,28	OK	0,00%	
7.11	2,00	OK	955,03	R\$ 1.910,06	OK	0,00%	
7.12	60,00	OK	193,48	R\$ 11.608,80	OK	0,00%	
7.13	36,00	OK	196,73	R\$ 7.082,28	OK	0,00%	



PLANILHA DE
Obra
Local

GM ENGENHARIA (BDI no final)

R\$

TOTAL

9.174.535,39

CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
7.14	83,00	OK	228,82	R\$ 18.992,06	OK	0,00%	
7.15	10,00	OK	711,75	R\$ 7.117,50	OK	0,00%	
7.16	1,00	OK	1.406,38	R\$ 1.406,38	OK	0,00%	
7.17	1,00	OK	3.392,17	R\$ 3.392,17	OK	0,00%	
7.18	9,00	OK	246,60	R\$ 2.219,40	OK	0,00%	
7.19	1.932,00	OK	174,53	R\$ 337.191,96	OK	0,00%	
7.20	6,00	OK	2.012,73	R\$ 12.076,37	OK	0,00%	
8							
8.1	12.691,00	OK	1,29	R\$ 16.371,39	OK	0,00%	
8.2	1.904,00	OK	96,89	R\$ 184.473,24	OK	0,00%	
8.3	635,00	OK	96,80	R\$ 61.470,63	OK	0,00%	
9							
9.1	1,00	OK	153.734,53	R\$ 153.734,53	OK	0,00%	
9.2	1,00	OK	75.997,88	R\$ 75.997,88	OK	0,00%	
9.3	1,00	OK	18.845,54	R\$ 18.845,54	OK	0,00%	
9.4	1,00	OK	100.264,69	R\$ 100.264,69	OK	0,00%	
9.5	7,40	OK	695,91	R\$ 5.149,73	OK	0,00%	



PLANILHA DE
Obra
Local

GM ENGENHARIA (BDI no final)

R\$

TOTAL

9.174.535,39

CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
9.6	1.788,00	OK	27,08	R\$ 48.410,32	OK	0,00%	
9.7	1.400,00	OK	13,49	R\$ 18.888,47	OK	0,00%	
10							
10.1	1,00	OK	33.454,76	R\$ 33.454,76	OK	0,00%	
10.2	1,00	OK	206.644,85	R\$ 206.644,85	OK	0,00%	
10.3	1,00	OK	207.391,97	R\$ 207.391,97	OK	0,00%	
11							
11.1	100,00	OK	35,40	R\$ 3.540,00	OK	0,00%	
11.2	10,50	OK	512,06	R\$ 5.376,63	OK	0,00%	
11.3	15.570,00	OK	1,29	R\$ 20.085,30	OK	0,00%	
11.4	329,00	OK	96,80	R\$ 31.848,56	OK	0,00%	
11.5	56.259,00	OK	11,10	R\$ 624.474,90	OK	11,76%	

TOTAL



FLANIL
HA DE
Obra
Local

IBIZA (BDI no final)

TOTAL

R\$

9.083.011,96
CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
1							
1.1	2,00%	OK	6.462.657,14	R\$ 129.253,14	OK	15,45%	
1.2	12,00	OK	298,90	R\$ 3.586,80	OK	2,59%	
1.3	6,00	OK	298,90	R\$ 1.793,40	OK	2,59%	
1.4	140.800,00	OK	0,31	R\$ 43.648,00	OK	20,51%	
1.5	370,00	OK	6,45	R\$ 2.386,50	OK	0,00%	
1.6	1,00	OK	3.756,62	R\$ 3.756,62	OK	21,69%	
1.7	1,00	OK	1.228,14	R\$ 1.228,14	OK	1,99%	
1.8	30,00	OK	529,40	R\$ 15.882,00	OK	10,97%	
1.9	30,00	OK	666,92	R\$ 20.007,60	OK	10,36%	
1.10	1,00	OK	27.847,75	R\$ 27.847,75	OK	0,00%	
1.11	25,00	OK	169,94	R\$ 4.248,50	OK	6,70%	
1.12	25,00	OK	287,20	R\$ 7.180,00	OK	2,65%	
1.13	10,00	OK	73.241,70	R\$ 732.417,00	OK	12,01%	
2							
2.1	147.254,00	OK	0,30	R\$ 44.176,20	OK	6,25%	
2.2	323,00	OK	27,11	R\$ 8.756,53	OK	0,00%	
2.3	125,00	OK	38,72	R\$ 4.840,00	OK	0,00%	
2.4	29.450,80	OK	2,90	R\$ 85.407,32	OK	13,95%	



PLANILHA DE
Obra
Local

IBIZA (BDI no final)

TOTAL

R\$

9.083.011,96

CORREÇÃO

ÍTEM	QTDE	AVAL QTDE	VALOR	TOTAL	AVAL PR.	DESCONTO	
2.5	38.286,04	OK	3,58	R\$ 137.064,02	OK	17,51%	
2.6	279.555,00	OK	4,70	R\$ 1.313.908,50	OK	23,70%	
2.7	108.810,00	OK	4,18	R\$ 454.825,80	OK	24,41%	
2.8	164.761,00	OK	4,18	R\$ 688.700,98	OK	24,41%	
3							
3.1	56,00	OK	5,59	R\$ 313,04	OK	7,45%	
3.2	56,00	OK	19,35	R\$ 1.083,60	OK	17,73%	
3.3	1.985,00	OK	1,82	R\$ 3.612,70	OK	9,90%	
3.4	1.985,00	OK	4,17	R\$ 8.277,45	OK	9,54%	
3.5	5.929,00	OK	30,00	R\$ 177.870,00	OK	15,54%	
3.6	5.929,00	OK	3,00	R\$ 17.787,00	OK	0,00%	
3.7	208,20	OK	16,61	R\$ 3.458,20	OK	2,29%	
3.8	1.653,75	OK	0,69	R\$ 1.141,09	OK	17,86%	
3.9	1.323,00	OK	4,07	R\$ 5.384,61	OK	11,71%	