

# **CENTRO DE CONVENÇÕES DO MINISTÉRIO PÚBLICO DE MINAS GERAIS**



## **CRONOGRAMA FÍSICO-FINANCEIRO**

**OBJETO: CONTRATAÇÃO DE EMPRESA ESPECIALIZADA PARA A EXECUÇÃO DE OBRA VISANDO À  
IMPLANTAÇÃO DO CENTRO DE CONVENÇÕES DO MINISTÉRIO PÚBLICO DO ESTADO DE MINAS  
GERAIS, NA CIDADE DE BELO HORIZONTE – MG**



Obra  
CENTRO DE CONVENÇÕES DO MINISTÉRIO PÚBLICO DE MINAS GERAIS

Bancos  
SINAPI - 07/2023 - Minas Gerais  
SICRO3 - 04/2023 - Minas Gerais  
ORSE - 05/2023 - Sergipe  
SETOP - 04/2023 - Minas Gerais  
IOPES - 05/2023 - Espírito Santo  
SIURB - 01/2023 - São Paulo  
SUDECAP - 04/2023 - Minas Gerais  
CPOS/CDHU - 05/2023 - São Paulo  
FDE - 04/2023 - São Paulo  
EMOP - 07/2023 - Rio de Janeiro

B.D.I.  
Padrão - 24,2%  
Equipamento para Aquisição  
Permanente - 15,28%

Encargos Sociais  
Não Desonerado:  
Horista: 116,63%  
Mensalista: 73,68%

DATA DO  
ORÇAMENTO: 11/09/2023

Cronograma Físico e Financeiro												
Item	Descrição	Total Por Etapa	30 DIAS	60 DIAS	90 DIAS	120 DIAS	150 DIAS	180 DIAS	210 DIAS	240 DIAS	270 DIAS	300 DIAS
1	IMPLANTAÇÃO E ADMINISTRAÇÃO	100,00%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%
2	PRELIMINARES	3.178.361,18	105.944,31	105.944,31	105.944,31	105.944,31	105.944,31	105.944,31	105.944,31	105.944,31	105.944,31	105.944,31
3	DEMOLIÇÃO CIVIL	217.423,77	54.355,94	54.355,94	5.435,59	5.435,59	5.435,59	5.435,59	5.435,59	5.435,59	5.435,59	5.435,59
4	FUNDAÇÃO	237.481,33	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
5	ESTRUTURA	234.346,73	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%	25,00%
6	ALVENARIA E OUTRAS VEDAÇÕES	2.411.370,80	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
7	IMPERMEABILIZAÇÃO	1.846.743,14	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
8	PISOS	121.085,34	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
9	SOLEIRAS E RODAPÉS	2.254.106,05	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
10	PINTURA	148.082,92	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
11	REVESTIMENTOS	320.044,65	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
12	FORROS, DIVISÓRIAS E BANCADAS	4.362.153,15	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
13	CARPINTARIA E MARCENARIA	2.613.886,37	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
14	SERRALHARIA	495.675,77	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
15	SAÚDE/ SEGURANÇA DO TRABALHO	574.884,77	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
16	VIDRAÇARIA	52.847,55	1.761,57	1.761,57	1.761,57	1.761,57	1.761,57	1.761,57	1.761,57	1.761,57	1.761,57	1.761,57
17	LOUÇAS METAIS E ACESSÓRIOS	188.613,46	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
18	CLIMATIZAÇÃO	284.816,47	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
19	INST. ELÉTRICAS, TELECOMUNICAÇÕES E SEGURANÇA ELETRÔNICA	2.438.510,18	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
20	INSTALAÇÕES HIDROSANITÁRIAS	4.744.792,79	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
21	INSTALAÇÕES CONTRA INCÊNDIO	138.566,26	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
22	PROGRAMAÇÃO VISUAL	308.276,37	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
23	MOBILIÁRIO	217.413,12	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
24	AUTOMAÇÃO	1.380.549,46	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
25	ÁUDIO E VIDEO	89.566,62	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
26	EQUIPAMENTOS DIVERSOS	332.763,73	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
27	PAISAGISMO	153.432,69	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
28	DIVERSOS	162.491,82	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
29	LIMPEZA E VERIFICAÇÃO FINAL	420.601,44	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%	100,00%
Porcentagem		215.401,52	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%
Custo			5.988,16	5.988,16	5.988,16	5.988,16	5.988,16	5.988,16	5.988,16	5.988,16	5.988,16	5.988,16
Porcentagem Acumulado			0,56%	0,75%	0,59%	0,83%	0,86%	1,47%	2,04%	2,78%	3,18%	3,07%
Custo Acumulado			168.049,98	227.420,32	178.499,97	248.803,99	260.364,60	442.444,80	613.512,33	838.526,56	959.095,10	924.011,68

330 DIAS	360 DIAS	390 DIAS	420 DIAS	450 DIAS	480 DIAS	510 DIAS	540 DIAS	570 DIAS	600 DIAS	630 DIAS	660 DIAS	690 DIAS	720 DIAS	750 DIAS	780 DIAS	810 DIAS	840 DIAS	870 DIAS	900 DIAS
3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%
105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31	105.944.31
1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%	1,50%
3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36	3.261.36
5,00%																			
120.568.54																			
20,00%	20,00%	20,00%	5,00%	5,00%															
369.348.63	369.348.63	369.348.63	92.337.16	92.337.16															
15,00%	10,00%	5,00%																	
18.162.80	12.108.53	6.054.27																	
5,00%	5,00%	5,00%	2,00%	2,00%	2,00%	2,00%	2,00%	2,00%	5,00%	5,00%	5,00%	10,00%	10,00%	10,00%	10,00%	5,00%	5,00%	1,50%	1,50%
112.705.30	112.705.30	112.705.30	45.082.12	45.082.12	45.082.12	45.082.12	45.082.12	45.082.12	112.705.30	112.705.30	112.705.30	225.410.61	225.410.61	225.410.61	225.410.61	112.705.30	112.705.30	33.811.59	33.811.59
			1,00%	2,00%	2,00%	2,00%	2,00%	2,00%	5,00%	5,00%	12,00%	20,00%	20,00%	15,00%	10,00%	2,00%			
			1.480.83	2.961.66	2.961.66	2.961.66	2.961.66	2.961.66	7.404.15	7.404.15	17.769.95	29.616.58	29.616.58	22.212.44	14.808.29	2.961.66			
				5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	5,00%	10,00%	10,00%	10,00%	5,00%	5,00%	10,00%
			16.002.23	16.002.23	16.002.23	16.002.23	16.002.23	16.002.23	16.002.23	16.002.23	16.002.23	16.002.23	16.002.23	32.004.47	32.004.47	32.004.47	16.002.23	16.002.23	32.004.47
5,00%	5,00%	10,00%	10,00%	15,00%	10,00%	10,00%	10,00%	10,00%	10,00%	5,00%									
218.107.66	218.107.66	436.215.32	436.215.32	654.322.97	436.215.32	436.215.32	436.215.32	436.215.32	436.215.32	218.107.66									
		5,00%	15,00%	10,00%	15,00%	15,00%	10,00%	10,00%	5,00%	5,00%									
		130.694.32	392.082.96	261.388.64	392.082.96	261.388.64	261.388.64	261.388.64	130.694.32	130.694.32									
12,50%	12,50%	12,50%	12,50%	12,50%	12,50%	12,50%	12,50%	12,50%											
61.959.47	61.959.47	61.959.47	61.959.47	61.959.47	61.959.47	61.959.47	61.959.47	61.959.47											
10,00%	10,00%	15,00%	25,00%	25,00%	10,00%	5,00%													
57.488.48	57.488.48	86.232.72	143.721.19	143.721.19	57.488.48	28.744.24													
3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%	3,33%
1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57	1.761.57
									5,00%	10,00%	15,00%	20,00%	20,00%	10,00%	10,00%				10,00%
									9.430.67	18.861.35	28.292.02	37.722.69	37.722.69	18.861.35	18.861.35				18.861.35
				5,00%	10,00%	15,00%	20,00%	20,00%	20,00%	5,00%									
				14.240.82	28.481.65	42.722.47	56.963.29	56.963.29	56.963.29	14.240.82	14.240.82								
			2,00%	5,00%	5,00%	5,00%	5,00%	7,00%	7,00%	10,00%	10,00%	10,00%	5,00%	5,00%	10,00%	1,00%	1,00%	2,00%	10,00%
			48.770.20	121.925.51	121.925.51	121.925.51	121.925.51	170.695.71	170.695.71	243.851.02	243.851.02	243.851.02	121.925.51	121.925.51	243.851.02	24.385.10	24.385.10	48.770.20	243.851.02
1,00%	2,00%	2,00%	2,00%	2,00%	2,00%	3,00%	7,00%	7,00%	7,00%	7,00%	7,00%	7,00%	7,00%	7,00%	5,00%	5,00%	5,00%	5,00%	10,00%
47.447.93	94.895.86	94.895.86	94.895.86	94.895.86	94.895.86	142.343.78	332.135.50	332.135.50	332.135.50	332.135.50	332.135.50	332.135.50	332.135.50	332.135.50	237.239.64	237.239.64	237.239.64	237.239.64	474.479.28
5,00%	10,00%	10,00%	10,00%	10,00%	10,00%	10,00%	5,00%	5,00%	5,00%	5,00%									10,00%
6.928.31	13.856.63	13.856.63	13.856.63	13.856.63	13.856.63	13.856.63	6.928.31	6.928.31	6.928.31	6.928.31									13.856.63
5,00%	5,00%	10,00%	10,00%	10,00%	10,00%	10,00%	5,00%	5,00%	5,00%	5,00%									10,00%
15.413.82	15.413.82	30.827.64	30.827.64	30.827.64	30.827.64	30.827.64	15.413.82	15.413.82	15.413.82	15.413.82									30.827.64
									5,00%	5,00%	5,00%	10,00%	10,00%	10,00%	15,00%	15,00%	10,00%	5,00%	10,00%
									10.870.66	10.870.66	10.870.66	21.741.31	21.741.31	21.741.31	32.611.97	32.611.97	21.741.31	10.870.66	21.741.31
												5,00%	5,00%	5,00%	5,00%	15,00%	25,00%	25,00%	10,00%
									69.027.47	69.027.47	69.027.47	69.027.47	69.027.47	69.027.47	207.082.42	345.137.37	345.137.37	138.054.95	
			2,00%	2,00%	2,00%	2,00%	5,00%	5,00%	7,00%	7,00%	10,00%	7,00%	7,00%	7,00%	7,00%	5,00%	5,00%	5,00%	10,00%
			1.791.33	1.791.33	1.791.33	1.791.33	4.478.33	4.478.33	4.478.33	6.269.66	6.269.66	8.956.66	6.269.66	6.269.66	6.269.66	4.478.33	4.478.33	4.478.33	8.956.66
			2,00%	2,00%	2,00%	2,00%	7,00%	7,00%	7,00%	7,00%	7,00%	7,00%	7,00%	7,00%	7,00%	5,00%	5,00%	7,00%	10,00%
			6.655.27	6.655.27	6.655.27	6.655.27	6.655.27	23.293.46	23.293.46	23.293.46	23.293.46	23.293.46	23.293.46	23.293.46	23.293.46	16.638.19	16.638.19	23.293.46	33.276.37
																		1,00%	98,00%
																		1.534.33	150.364.04
																		20,00%	50,00%
																		32.498.36	81.245.91
10,00%	10,00%	10,00%	35,00%	5,00%	10,00%	10,00%													
42.060.14	42.060.14	42.060.14	147.210.50	21.030.07	42.060.14	42.060.14													
2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	2,78%	19,38%
5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	5.988.16	41.744.81
3,94%	3,7%	5,01%	5,42%	5,64%	4,87%	4,99%	4,98%	4,94%	5,25%	4,23%	3,81%	3,72%	3,32%	3,28%	3,38%	2,61%	3,08%	2,94%	4,76%
1.187.146,48	1.114.899,91	1.510.252,29	1.633.841,87	1.699.953,97	1.469.241,66	1.504.873,17	1.501.703,06	1.488.513,79	1.582.672,12	1.273.733,65	1.147.136,94	1.122.025,94	1.000.100,43	989.837,17	1.020.333,33	787.062,47	929.315,56	886.840,75	1.434.043,25
20,06%	23,76%	28,77%	34,19%	39,83%	44,71%	49,7%	54,68%	59,62%	64,87%	69,09%	72,9%	76,62%	79,94%	83,22%	86,61%	89,22%	92,3%	95,24%	100,0%
6.047.875,81	7.162.775,72	8.673.028,01	10.306.869,88	12.006.823,85	13.476.065,51	14.980.938,68	16.482.641,73	17.971.155,52	19.553.827,64	20.827.561,29	21.974.698,24	23.096.724,17	24.096.824,60	25.086.661,77	26.106.995,10	26.894.057,57	27.823.373,13	28.710.213,8	30.144.289,45