

<div>ESTADO DO RIO DE JANEIRO</div> <div>PREFEITURA MUNICIPAL DE SAQUAREMA</div> <div>Secretaria Municipal de Educação</div>		<div><div><div><div></div></div><div><div></div></div></div><div><div>PREFEITURA</div><div>SAQUAREMA</div><div>TRABALHO E RESPEITO</div></div></div>		<div>MUNICIPAL DE SAQUAREMA</div> <div>Nº PROCESSO:</div> <div>FOLHA:</div> <div>RUBRICA:</div>		COMPOSIÇÃO E MEMÓRIA DE CÁLCULO																													
OBRA: Reforma e Ampliação da Escola Municipal Vilatur		PRAZO 17 MESES		TIPO DE CONTUIÇÃO PREVIDENCIÁRIA:		FONTES: EMOP / SCO / SINAPI		MÊS/ANO DE REFERÊNCIA: 04/2025		SEM DESONERAÇÃO																									
LOCAL: R. Praia de Maranduba - Vilatur, Saquarema - RJ, 28990-000		CRONOGRAMA FISICO-FINANCEIRO																																	
		Período de Execução Mensal																																	
ITEM	DISCRIMINAÇÃO	1 MÊS	2 MÊSES	3 MÊSES	4 MÊSES	5 MÊSES	6 MÊSES	7 MÊSES	8 MÊSES	9 MÊSES	10 MÊSES	11 MÊSES	12 MÊSES	13 MÊSES	14 MÊSES	15 MÊSES	16 MÊSES	17 MÊSES	TOTAL																
1.0	SERVIÇOS DE ESCRIT. LABORAT. E CAMPO	R\$ 110.932,72 70,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 47.542,60 30,00%	R\$ 158.475,32 100,00%																
1.1	SERVIÇOS PRELIMINARES	R\$ 75.307,42 70,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 32.274,61 30,00%	R\$ 107.582,03 100,00%																
1.2	DEMOLIÇÕES E ARRANCAMENTOS	R\$ 50.893,29 100,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 50.893,29 100,00%																
2.0	CANTEIRO DE OBRA	R\$ 43.145,33 44,00%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 3.432,01 3,50%	R\$ 98.057,56 100,00%																
3.0	MOVIMENTO DE TERRA	R\$ 193.446,68 40,00%	R\$ 145.085,01 30,00%	R\$ 145.085,01 30,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 483.616,70 100,00%																
4.0	TRANSPORTES	R\$ 13.822,16 7,00%	R\$ 13.822,16 7,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 11.847,57 6,00%	R\$ 9.872,97 5,00%	R\$ 9.872,97 5,00%	R\$ 9.872,97 5,00%	R\$ 9.872,97 5,00%	R\$ 197.459,42 100,00%																
5.0	SERVIÇOS COMPLEMENTARES	R\$ 38.804,45 7,00%	R\$ 38.804,45 7,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 33.260,96 6,00%	R\$ 27.717,47 5,00%	R\$ 27.717,47 5,00%	R\$ 27.717,47 5,00%	R\$ 27.717,47 5,00%	R\$ 554.349,30 100,00%																
6.0	GALERIAS, DRENOS E CONEXÕES	R\$ -	R\$ -	R\$ -	R\$ 57.214,77 25,00%	R\$ 57.214,77 25,00%	R\$ 57.214,77 25,00%	R\$ 57.214,77 25,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 228.859,07 100,00%																
9.0	SERVIÇOS DE PARQUES E JARDINS	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 321.311,35 100,00%	R\$ 321.311,35 100,00%																
10.0	FUNDAÇÃO	R\$ 226.460,62 20,00%	R\$ 452.921,23 40,00%	R\$ 452.921,23 40,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 1.132.303,08 100,00%																
11.0	ESTRUTURAS EM GERAL	R\$ -	R\$ -	R\$ 478.080,48 20,00%	R\$ 717.120,72 30,00%	R\$ 717.120,72 30,00%	R\$ 478.080,48 20,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 2.390.402,41 100,00%																
12.0	ALVENARIA E PAREDES DIVISÓRIAS	R\$ -	R\$ -	R\$ -	R\$ 130.609,49 20,00%	R\$ 130.609,49 20,00%	R\$ 130.609,49 20,00%	R\$ 130.609,49 20,00%	R\$ 130.609,49 20,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 653.047,44 100,00%																
13.0	REVESTIMENTO DE PISOS, PAREDES E TETOS	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 262.581,42 10,00%	R\$ 262.581,42 10,00%	R\$ 262.581,42 10,00%	R\$ 393.872,13 15,00%	R\$ 393.872,13 15,00%	R\$ 393.872,13 15,00%	R\$ 131.290,71 5,00%	R\$ 131.290,71 5,00%	R\$ 131.290,71 5,00%	R\$ 131.290,71 5,00%	R\$ 131.290,71 5,00%	R\$ 2.625.814,21 100,00%																
13.01	PAREDE	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 78.463,30 10,00%	R\$ 78.463,30 10,00%	R\$ 78.463,30 10,00%	R\$ 117.694,95 15,00%	R\$ 117.694,95 15,00%	R\$ 117.694,95 15,00%	R\$ 39.231,65 5,00%	R\$ 39.231,65 5,00%	R\$ 39.231,65 5,00%	R\$ 39.231,65 5,00%	R\$ 39.231,65 5,00%	R\$ 784.633,00 100,00%																
13.02	PISO	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 151.035,48 10,00%	R\$ 151.035,48 10,00%	R\$ 151.035,48 10,00%	R\$ 226.553,22 15,00%	R\$ 226.553,22 15,00%	R\$ 226.553,22 15,00%	R\$ 75.517,74 5,00%	R\$ 75.517,74 5,00%	R\$ 75.517,74 5,00%	R\$ 75.517,74 5,00%	R\$ 75.517,74 5,00%	R\$ 1.510.354,79 100,00%																
13.03	TETO	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 33.082,64 10,00%	R\$ 33.082,64 10,00%	R\$ 33.082,64 10,00%	R\$ 49.623,96 15,00%	R\$ 49.623,96 15,00%	R\$ 49.623,96 15,00%	R\$ 16.541,32 5,00%	R\$ 16.541,32 5,00%	R\$ 16.541,32 5,00%	R\$ 16.541,32 5,00%	R\$ 16.541,32 5,00%	R\$ 330.826,42 100,00%																
14.0	ESQUADRIAS, SERRALHERIAS, FERRAGENS E VIDROS	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 36.642,77 5,00%	R\$ 36.642,77 5,00%	R\$ 36.642,77 5,00%	R\$ 36.642,77 5,00%	R\$ 73.285,54 10,00%	R\$ 73.285,54 10,00%	R\$ 73.285,54 10,00%	R\$ 73.285,54 10,00%	R\$ 73.285,54 10,00%	R\$ 219.856,63 30,00%	R\$ 732.855,43 100,00%																
14.01	JANELAS	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 23.864,05 5,00%	R\$ 23.864,05 5,00%	R\$ 23.864,05 5,00%	R\$ 23.864,05 5,00%	R\$ 47.728,09 10,00%	R\$ 47.728,09 10,00%	R\$ 47.728,09 10,00%	R\$ 47.728,09 10,00%	R\$ 47.728,09 10,00%	R\$ 143.184,27 30,00%	R\$ 477.280,91 100,00%																
14.02	PORTAS / PORTÕES	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 12.675,75 5,00%	R\$ 12.675,75 5,00%	R\$ 12.675,75 5,00%	R\$ 12.675,75 5,00%	R\$ 25.351,50 10,00%	R\$ 25.351,50 10,00%	R\$ 25.351,50 10,00%	R\$ 25.351,50 10,00%	R\$ 25.351,50 10,00%	R\$ 76.054,50 30,00%	R\$ 253.514,99 100,00%																
14.03	GRADES / EQUIPAMENTOS DE APOIO	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 102,98 5,00%	R\$ 102,98 5,00%	R\$ 102,98 5,00%	R\$ 102,98 5,00%	R\$ 205,95 10,00%	R\$ 205,95 10,00%	R\$ 205,95 10,00%	R\$ 205,95 10,00%	R\$ 205,95 10,00%	R\$ 617,86 30,00%	R\$ 2.059,53 100,00%																
15.0	INSTALAÇÕES EM GERAL	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 186.230,09 10,00%	R\$ 279.345,14 15,00%	R\$ 279.345,14 15,00%	R\$ 279.345,14 15,00%	R\$ 279.345,14 15,00%	R\$ 279.345,14 15,00%	R\$ 186.230,09 10,00%	R\$ 186.230,09 10,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 93.115,05 5,00%	R\$ 1.862.300,90 100,00%																
15.01	REDE ELÉTRICA	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 55.826,93 10,00%	R\$ 83.740,39 15,00%	R\$ 83.740,39 15,00%	R\$ 83.740,39 15,00%	R\$ 83.740,39 15,00%	R\$ 83.740,39 15,00%	R\$ 55.826,93 10,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 27.913,46 5,00%	R\$ 558.269,26 100,00%																
15.02	REDE HIDRÁULICA	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 19.164,61 10,00%	R\$ 28.746,92 15,00%	R\$ 28.746,92 15,00%	R\$ 28.746,92 15,00%	R\$ 28.746,92 15,00%	R\$ 28.746,92 15,00%	R\$ 19.164,61 10,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 9.582,31 5,00%	R\$ 191.646,12 100,00%																
15.03	REDE SANITÁRIA E PLUVIAL	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 21.901,30 10,00%	R\$ 32.851,95 15,00%	R\$ 32.851,95 15,00%	R\$ 32.851,95 15,00%	R\$ 32.851,95 15,00%	R\$ 32.851,95 15,00%	R\$ 21.901,30 10,00%	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 10.950,65 5,00%	R\$ 219.013,02 100,00%																
15.04	COMBATE CONTRA-INCÊNDIO	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 13.852,43 10,00%	R\$ 20.778,64 15,00%	R\$ 20.778,64 15,00%	R\$ 20.778,64 15,00%	R\$ 20.77																									

20.03	INST. SANITARIAS	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 1.679,00	R\$ 1.679,00	R\$ 3.357,99
																		50,00%	50,00%	
20.05	INCENDIO	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 1.796,37	R\$ 1.796,37	R\$ 3.592,74
																		50,00%	50,00%	
20.06	TELEMATICA	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 909,14	R\$ 909,14	R\$ 1.818,27
																		50,00%	50,00%	
20.07	ELETRICA	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 5.563,80	R\$ 5.563,80	R\$ 11.127,60
																		50,00%	50,00%	
20.08	HIDRAULICA	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 1.993,27	R\$ 1.993,27	R\$ 3.986,54
																		50,00%	50,00%	
20.09	CLIMATIZAÇÃO	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ -	R\$ 2.384,98	R\$ 2.384,98	R\$ 4.769,95
																		50,00%	50,00%	
21.0	ADMINISTRAÇÃO	R\$ 84.683,41	R\$ 88.393,53	R\$ 151.987,64	R\$ 128.858,70	R\$ 154.026,75	R\$ 134.305,71	R\$ 132.026,03	R\$ 156.089,76	R\$ 138.438,55	R\$ 183.025,75	R\$ 143.597,80	R\$ 69.693,98	R\$ 34.207,44	R\$ 33.191,41	R\$ 59.576,24	R\$ 59.576,24	R\$ 59.576,24	R\$ 238.561,71	R\$ 1.990.240,67
		4,25%	4,44%	7,64%	6,47%	7,74%	6,75%	6,63%	7,84%	6,96%	9,20%	7,22%	3,50%	1,72%	1,67%	2,99%	2,99%	11,99%		100,00%
21.01	Itens de Consumo	R\$ 3.821,96	R\$ 4.490,80	R\$ 8.424,19	R\$ 7.449,32	R\$ 9.374,93	R\$ 8.357,24	R\$ 8.343,88	R\$ 9.819,82	R\$ 8.953,92	R\$ 11.783,01	R\$ 9.109,66	R\$ 3.978,95	R\$ 1.741,87	R\$ 1.714,27	R\$ 3.149,52	R\$ 3.149,52	R\$ 3.149,52	R\$ 11.178,61	R\$ 114.841,47
		3,33%	3,91%	7,34%	6,49%	8,16%	7,28%	7,27%	8,55%	7,80%	10,26%	7,93%	3,46%	1,52%	1,49%	2,74%	2,74%	9,73%	100,00%	
21.02	Administração Local	R\$ 62.413,89	R\$ 73.336,27	R\$ 137.569,76	R\$ 121.649,81	R\$ 153.095,69	R\$ 136.476,52	R\$ 136.258,34	R\$ 160.360,96	R\$ 146.220,51	R\$ 192.420,46	R\$ 148.763,68	R\$ 64.977,58	R\$ 28.445,35	R\$ 27.994,62	R\$ 51.432,68	R\$ 51.432,68	R\$ 182.550,39	R\$ 1.875.399,20	
		3,33%	3,91%	7,34%	6,49%	8,16%	7,28%	7,27%	8,55%	7,80%	10,26%	7,93%	3,46%	1,52%	1,49%	2,74%	2,74%	9,73%	100,00%	
SUBTOTAL (R\$)		R\$ 869.432,40	R\$ 900.595,43	R\$ 1.276.614,90	R\$ 1.082.344,22	R\$ 1.293.742,36	R\$ 1.128.096,12	R\$ 1.108.948,09	R\$ 1.311.070,53	R\$ 1.162.809,83	R\$ 1.537.318,44	R\$ 1.206.144,74	R\$ 585.392,20	R\$ 287.324,23	R\$ 278.790,12	R\$ 500.408,58	R\$ 584.075,55	R\$ 2.087.457,74	R\$ 17.200.565,47	
TOTAL GERAL (R\$)		R\$ 869.432,40	R\$ 900.595,43	R\$ 1.276.614,90	R\$ 1.082.344,22	R\$ 1.293.742,36	R\$ 1.128.096,12	R\$ 1.108.948,09	R\$ 1.311.070,53	R\$ 1.162.809,83	R\$ 1.537.318,44	R\$ 1.206.144,74	R\$ 585.392,20	R\$ 287.324,23	R\$ 278.790,12	R\$ 500.408,58	R\$ 584.075,55	R\$ 2.087.457,74	R\$ 17.200.565,47	
PERCENTUAL DAS ETAPAS (%)		5,05%	5,24%	7,42%	6,29%	7,52%	6,56%	6,45%	7,62%	6,76%	8,94%	7,01%	3,40%	1,67%	1,62%	2,91%	3,40%	12,14%	100,00%	
TOTAL ACUMULADO (R\$)		R\$ 869.432,40	R\$ 1.770.027,83	R\$ 3.046.642,73	R\$ 4.128.986,95	R\$ 5.422.729,30	R\$ 6.550.825,42	R\$ 7.659.773,51	R\$ 8.970.844,04	R\$ 10.133.653,87	R\$ 11.670.972,31	R\$ 12.877.117,05	R\$ 13.462.509,25	R\$ 13.749.833,48	R\$ 14.028.623,60	R\$ 14.529.032,18	R\$ 15.113.107,73	R\$ 17.200.565,47		
PERCENTUAL ACUMULADO (%)		5,05%	10,29%	17,71%	24,00%	31,53%	38,08%	44,53%	52,15%	58,91%	67,85%	74,86%	78,27%	79,94%	81,56%	84,47%	87,86%	100,00%		