

CJR

CÂNDIDO JOSÉ RODRIGUES, SA

PLANO DE MÃO-DE-OBRA POR TAREFA

CLIENTE: Município de Vila do Conde

OBRA: "REQUALIFICAÇÃO DOS ARRUAMENTOS E LARGO DA URBANIZAÇÃO 25 DE ABRIL - UNIÃO DE FREGUESIAS DE BAGUNTE, FERREIRÓ, OUTEIRO MAIOR E PARADA"

Prazo de execução: 270 dias

ID	Código	Designação da Tarefa / Recurso Atribuído	Quantidade	Início	Conclusão	Rend./Dia	Frentes de trabalho																																										
								M1				M2				M3				M4				M5				M6				M7				M8				M9									
								S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20	S21	S22	S23	S24	S25	S26	S27	S28	S29	S30	S31	S32	S33	S34	S35	S36	S37	S38	S39	S40		
		Motorista	1	Qui 01-10-20	Qui 15-10-20	0																			1	1	1																						
		Servente	1	Qui 01-10-20	Qui 15-10-20	0																			1	1	1																						
		Oficial	2	Qui 01-10-20	Qui 15-10-20	0																			2	2	2																						
		Cimenteiro	1	Qui 01-10-20	Qui 15-10-20	0																			1	1	1																						
174	10.3	Movimento de Terras		Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
175	10.3.1	Escavação em abertura de valas, para assentamento de tubagens e execução de caixas e sumidouros, incluindo entivação e rebalçamento do nível freático, se necessário, em zona de agrícola de qualquer natureza.		Qua 30-09-20	Qua 14-10-20	0																																											
176		a) - 90% em terra		Qua 30-09-20	Qua 14-10-20	31,83	Eq.Movimento Terras																																										
		Manobrador	2	Qua 30-09-20	Qua 14-10-20	0																			2	2	2																						
		Motorista	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
		Servente	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
		Oficial	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
177		b) - 10% em rocha dura		Qua 30-09-20	Qua 14-10-20	3,57	Eq.Movimento Terras																																										
		Manobrador	2	Qua 30-09-20	Qua 14-10-20	0																			2	2	2																						
		Motorista	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
		Servente	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
		Oficial	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
178	10.3.2	Fornecimento e colocação de almofada de areia ou terra		Qua 30-09-20	Qua 14-10-20	8,7	Eq.Movimento Terras																																										
		Manobrador	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
		Motorista	2	Qua 30-09-20	Qua 14-10-20	0																			2	2	2																						
		Servente	2	Qua 30-09-20	Qua 14-10-20	0																			2	2	2																						
		Oficial	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
179	10.3.3	Aterro com terras provenientes da escavação ou de empréstimo, isentos de pedras, torrões compactos e raízes em camadas bem compactadas de espessura não superior a 0,20 m, incluindo carga, transporte, descarga, rega e compactação mecânica.		Qua 30-09-20	Qua 14-10-20	25	Eq.Movimento Terras																																										
		Manobrador	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
		Motorista	2	Qua 30-09-20	Qua 14-10-20	0																			2	2	2																						
		Servente	2	Qua 30-09-20	Qua 14-10-20	0																			2	2	2																						
		Oficial	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
180	10.3.4	Remoção e transporte a depósito do empreiteiro dos produtos sobranes, considerando um coeficiente de empolamento médio de 15%.		Qua 30-09-20	Qua 14-10-20	11,93	Eq.Movimento Terras																																										
		Manobrador	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						
		Motorista	2	Qua 30-09-20	Qua 14-10-20	0																			2	2	2																						
		Servente	1	Qua 30-09-20	Qua 14-10-20	0																			1	1	1																						

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CARGA DE MÃO-DE-OBRA MENSAL

PESSOAL	Unidades Máx.	M1	M2	M3	M4	M5	M6	M7	M8	M9
Manobrador	42	12,0	16,0	18,0	16,0	42,0	42,0	18,0	16,0	22,0
Motorista	27	16,0	19,0	20,0	25,0	17,0	27,0	19,0	14,0	18,0
Servente	24	11,0	15,0	17,0	16,0	14,0	24,0	13,0	12,0	8,0
Trolha	12	1,0	3,0	4,0	4,0	8,0	8,0	12,0	12,0	2,0
Marteleiro	3	3,0								
Carpinteiro	2					1,0	2,0			
Electricista	6	6,0	1,0	3,0	3,0	3,0	1,0	1,0	1,0	1,0
Espalhador de Misturas Betuminosas	4									4,0
Espalhador de Emulsão	1									1,0
Serralheiro	11	1,0	1,0	1,0	1,0	1,0	4,0	11,0	11,0	1,0
Jardineiro	40	2,0					40,0			16,0
Técnico de Laboratório	1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Gestor sistema de segurança e saúde	2	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Pedreiro	9							9,0	9,0	
Oficial	33	9,0	15,0	15,0	13,0	13,0	10,0	33,0	33,0	12,0
Cimenteiro	16	2,0	6,0	6,0	5,0	9,0	9,0	16,0	16,0	1,0
Equipa de Pintura rodoviária	5									5,0
Gestor do sistema de Qualidade	1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Gestor Ambiental	1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Encarregado geral Obra	2	1,0	1,0	2,0	2,0	2,0	2,0	2,0	2,0	2,0
Equipa de Jardinagem / Plantações	8									8,0
Equipa de impermeabilizações	1	1,0	1,0	1,0						
Equipa de ensaios	2							2,0		
Montador de Tubo / Picheleiro	3	2,0	3,0	3,0		2,0				
Engenheiro Eletrotécnico	5	1,0	1,0	5,0	5,0	2,0	1,0	1,0	1,0	1,0
Equipa de Topografia	1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
encarregado instalações eléctricas	4			4,0	4,0	1,0				
Técnico responsável gestão resíduos	1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Equipa de limpezas diversas	1	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0	1,0
Ajudante eletricista	5	5,0		3,0	3,0	1,0				
Técnico de rede de rega	20						20,0			
Ajudante jardineiro	60						60,0			
Montador de tubo e acessórios de rega	20						20,0			
Montador de Tubo	3			3,0	3,0	1,0				
Técnico de telecomunicações	4					4,0				
Montador de tubo e acessórios de rega	3						3,0			
Quantidade mão-de-obra/mês		111	158	121	116	137	289	154	148	119
Quantidade mão de obra/mês	150									

