



# MEMORIAL DE CÁLCULO DOS SERVIÇOS

PROponente: Prefeitura Municipal de Orocó-PE	EMPREENDIMENTO: EXECUÇÃO DE PAVIMENTAÇÃO EM PARALELEPÍDEDO NAS RUAS DA ZONA URBANA E AGROVILA 04
MUNICÍPIO: OROCÓ-PE	UF: PERNAMBUCO
ENDEREÇO: MUNICÍPIO DE OROCÓ-PE	

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
1	SERVIÇOS PRELIMINARES												
1.1	FORNECIMENTO E INSTALAÇÃO DE PLACA DE OBRA COM CHAPA GALVANIZADA E	M2	---	1,50	---	3,00	---	---	---	---	---	4,50	---
2	MOVIMENTAÇÃO DE TERRA												
2.1	CARGA, MANOBRA E DESCARGA DE SOLOS E MATERIAIS GRANULARES EM CAMINHÃO	M3	---	---	---	---	---	10076,26	---	1813,73	---	1813,73	---
	RUA 12		---	---	---	---	---	525,00	---	---	---	---	---
	RUA 13		---	---	---	---	---	1767,50	---	---	---	---	---
	RUA 14		---	---	---	---	---	318,00	---	---	---	---	---
	RUA 15		---	---	---	---	---	297,50	---	---	---	---	---
	RUA 16		---	---	---	---	---	837,90	---	---	---	---	---
	RUA 17		---	---	---	---	---	916,40	---	---	---	---	---
	RUA 18		---	---	---	---	---	381,48	---	---	---	---	---
	RUA 19		---	---	---	---	---	4200,00	---	---	---	---	---
	RUA 20		---	---	---	---	---	356,16	---	---	---	---	---
	RUA 21		---	---	---	---	---	476,32	---	---	---	---	---
2.2	CORTE E ATERRO COMPENSADO	M3	---	---	---	---	---	10076,26	---	1813,73	---	1813,73	---
	RUA 12		---	---	---	---	---	525,00	---	---	---	---	---
	RUA 13		---	---	---	---	---	1767,50	---	---	---	---	---
	RUA 14		---	---	---	---	---	318,00	---	---	---	---	---
	RUA 15		---	---	---	---	---	297,50	---	---	---	---	---
	RUA 16		---	---	---	---	---	837,90	---	---	---	---	---
	RUA 17		---	---	---	---	---	916,40	---	---	---	---	---
	RUA 18		---	---	---	---	---	381,48	---	---	---	---	---
	RUA 19		---	---	---	---	---	4200,00	---	---	---	---	---
	RUA 20		---	---	---	---	---	356,16	---	---	---	---	---
	RUA 21		---	---	---	---	---	476,32	---	---	---	---	---
3	RUA 12 - RUA PROJETADA												
3.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	87,50	6,00	---	---	---	---	---	---	525,00	---
3.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF_01/2024	M	2,00	87,50	---	---	---	---	---	---	---	175,00	---
3.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	87,50	6,00	---	---	---	---	---	---	525,00	---
3.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	87,50	---	---	---	---	---	---	---	175,00	---
3.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
4	RUA 13 - RUA PROJETADA												
4.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	252,50	7,00	---	---	---	---	---	---	1767,50	---
4.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF_01/2024	M	2,00	252,50	---	---	---	---	---	---	---	505,00	---

# MEMORIAL DE CÁLCULO DOS SERVIÇOS

PROPOSITOR: PREFEITURA MUNICIPAL DE OROCÓ-PE	EMPREENDIMENTO: EXECUÇÃO DE PAVIMENTAÇÃO EM PARALELEPÍDEDO NAS RUAS DA ZONA URBANA E AGROVILA 04
MUNICÍPIO: OROCÓ-PE	UF: PERNAMBUCO
ENDEREÇO: MUNICÍPIO DE OROCÓ-PE	

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
4.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	252,50	7,00	---	---	---	---	---	---	1767,50	---
4.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	252,50	---	---	---	---	---	---	---	505,00	---
4.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
5	RUA 14 - RUA PROJETADA												
5.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	53,00	6,00	---	---	---	---	---	---	318,00	---
5.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF_01/2024	M	2,00	53,00	---	---	---	---	---	---	---	106,00	---
5.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	53,00	6,00	---	---	---	---	---	---	318,00	---
5.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	53,00	---	---	---	---	---	---	---	106,00	---
5.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
6	RUA 15 - RUA PROJETADA												
6.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	35,00	8,50	---	---	---	---	---	---	297,50	---
6.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF_01/2024	M	2,00	35,00	---	---	---	---	---	---	---	70,00	---
6.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	35,00	8,50	---	---	---	---	---	---	297,50	---
6.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	35,00	---	---	---	---	---	---	---	70,00	---
6.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
7	RUA 16 - RUA PROJETADA												
7.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	119,70	7,00	---	---	---	---	---	---	837,90	---
7.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF_01/2024	M	2,00	119,70	---	---	---	---	---	---	---	239,40	---
7.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	119,70	7,00	---	---	---	---	---	---	837,90	---
7.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	119,70	---	---	---	---	---	---	---	239,40	---
7.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
8	RUA 17 - RUA PROJETADA (TRAVESSA DO ESTÁDIO)												
8.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	158,00	5,80	---	---	---	---	---	---	916,40	---
8.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF_01/2024	M	2,00	158,00	---	---	---	---	---	---	---	316,00	---
8.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	158,00	5,80	---	---	---	---	---	---	916,40	---



# MEMORIAL DE CÁLCULO DOS SERVIÇOS

PROPOSTANTE: PREFEITURA MUNICIPAL DE OROCÓ-PE	EMPREENDIMENTO: EXECUÇÃO DE PAVIMENTAÇÃO EM PARALELEPÍDEDO NAS RUAS DA ZONA URBANA E AGROVILA 04
MUNICÍPIO: OROCÓ-PE	UF: PERNAMBUCO
ENDEREÇO: MUNICÍPIO DE OROCÓ-PE	

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
8.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF. 05/2021	M	2,00	158,00	---	---	---	---	---	---	---	316,00	---
8.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
9	RUA 18 - RUA JOAQUIM DANTAS (ETAPA FINAL)												
9.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF. 09/2024	M2	---	37,40	10,20	---	---	---	---	---	---	381,48	---
9.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF. 01/2024	M	2,00	37,40	---	---	---	---	---	---	---	74,80	---
9.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF. 05/2020	M2	---	37,40	10,20	---	---	---	---	---	---	381,48	---
9.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF. 05/2021	M	2,00	37,40	---	---	---	---	---	---	---	74,80	---
9.5	DESMONTE DE MATERIAL DE 3ª CATEGORIA (BLOCOS DE ROCHAS OU MATAÇOS), EM VALA, COM MARTELETE PNEUMÁTICO MANUAL - EXCLUSIVE RETIRADA, CARGA E TRANSPORTE. AF. 03/2021	M3	---	4,90	4,90	0,40	---	---	---	9,60	---	9,60	---
9.6	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
10	RUA 19 - AGROVILA 04												
10.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF. 09/2024	M2	---	600,00	7,00	---	---	---	---	---	---	4200,00	---
10.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF. 01/2024	M	2,00	600,00	---	---	---	---	---	---	---	1200,00	---
10.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF. 05/2020	M2	---	600,00	7,00	---	---	---	---	---	---	4200,00	---
10.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF. 05/2021	M	2,00	600,00	---	---	---	---	---	---	---	1200,00	---
10.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
11	RUA 20 - RUA PROJETADA (TRAVESSA DOS ABILOS)												
11.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF. 09/2024	M2	---	59,36	6,00	---	---	---	---	---	---	356,16	---
11.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF. 01/2024	M	2,00	59,36	---	---	---	---	---	---	---	118,72	---
11.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF. 05/2020	M2	---	59,36	6,00	---	---	---	---	---	---	356,16	---
11.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF. 05/2021	M	2,00	59,36	---	---	---	---	---	---	---	118,72	---
11.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
12	RUA 21 - RUA DO CONDOMÍNIO DE GALEGO DE ABILIO (CONTINUAÇÃO)												
12.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF. 09/2024	M2	---	59,54	8,00	---	---	---	---	---	---	476,32	---
12.2	ASSENTAMENTO DE GUIA (MEIO-FIO) EM TRECHO RETO, CONFECCIONADA EM CONCRETO PRÉ-FABRICADO, DIMENSÕES 100X15X13X30 CM (COMPRIMENTO X BASE INFERIOR X BASE SUPERIOR X ALTURA). AF. 01/2024	M	2,00	59,54	---	---	---	---	---	---	---	119,08	---



# MEMORIAL DE CÁLCULO DOS SERVIÇOS

PROPONENTE: PREFEITURA MUNICIPAL DE OROCÓ-PE	EMPREENDIMENTO: EXECUÇÃO DE PAVIMENTAÇÃO EM PARALELEPÍDEDO NAS RUAS DA ZONA URBANA E AGROVILA 04
MUNICÍPIO: OROCÓ-PE	UF: PERNAMBUCO
ENDEREÇO: MUNICÍPIO DE OROCÓ-PE	

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
12.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍDEDO, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	59,54	8,00	---	---	---	---	---	---	476,32	---
12.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	59,54	---	---	---	---	---	---	---	119,08	---
12.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
13	ADMINISTRAÇÃO LOCAL												
13.1	ENGENHEIRO CIVIL DE OBRA JUNIOR COM ENCARGOS COMPLEMENTARES	MÊS	3,00	---	---	---	---	---	---	---	---	3,00	---
13.2	ENCARREGADO GERAL DE OBRAS COM ENCARGOS COMPLEMENTARES	MÊS	3,00	---	---	---	---	---	---	---	---	3,00	---

Observações:

Local \_\_\_\_\_ OROCÓ-PE

Data \_\_\_\_\_ 25 DE SETEMBRO DE 2025

Responsavel Técnico  
Nome: JÚLIO CÉSAR ALVES BARROS  
CREA: 181963652-6  
ART: PE20261525499