



MEMORIAL DE CÁLCULO DOS SERVIÇOS

PROPOSITOR: PREFEITURA MUNICIPAL DE OROCÓ

EMPREENHIMENTO: PAVIMENTAÇÃO EM PARALELEPÍEDO DE VIAS URBANAS

MUNICÍPIO: OROCÓ/PE

UF: PERNAMBUCO

ENDEREÇO: ÁREA URBANA

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 ESTRUTURA DE MADEIRA. AF_03/2022_PS	M2	---	1,50	---	3,00	---	---	---	---	---	4,50	---
2	MOVIMENTAÇÃO DE TERRA												
2.1	CARGA, MANOBRA E DESCARGA DE SOLOS E MATERIAIS GRANULARES EM CAMINHÃO BASCULANTE 10 M³ - CARGA COM PÁ CARREGADEIRA (CAÇAMBA DE 1,7 A 2,8 M³ / 128 HP) E DESCARGA LIVRE (UNIDADE: M3). AF_07/2020	M3	---	---	---	0,12	---	15549,28	---	1865,91	---	1865,91	---
	RUA 01		---	---	---	0,12	---	2603,30	---	312,40	---	---	---
	RUA 02		---	---	---	0,12	---	1329,30	---	159,52	---	---	---
	RUA 03		---	---	---	0,12	---	1398,60	---	167,83	---	---	---
	RUA 04		---	---	---	0,12	---	1775,69	---	213,08	---	---	---
	RUA 05		---	---	---	0,12	---	277,41	---	33,29	---	---	---
	RUA 06		---	---	---	0,12	---	296,60	---	35,59	---	---	---
	RUA 07		---	---	---	0,12	---	277,41	---	33,29	---	---	---
	RUA 08		---	---	---	0,12	---	1670,83	---	200,50	---	---	---
	RUA 09		---	---	---	0,12	---	1428,00	---	171,36	---	---	---
	RUA 10		---	---	---	0,12	---	2494,10	---	299,29	---	---	---
	RUA 11		---	---	---	0,12	---	1171,20	---	140,54	---	---	---
	RUA 17		---	---	---	0,12	---	399,04	---	47,88	---	---	---
	RUA 18		---	---	---	0,12	---	427,80	---	51,34	---	---	---
2.2	CORTE E ATERRO COMPENSADO	M3	---	---	---	0,12	---	15549,28	---	1865,91	---	1865,91	---
	RUA 01		---	---	---	0,12	---	2603,30	---	312,40	---	---	---
	RUA 02		---	---	---	0,12	---	1329,30	---	159,52	---	---	---
	RUA 03		---	---	---	0,12	---	1398,60	---	167,83	---	---	---
	RUA 04		---	---	---	0,12	---	1775,69	---	213,08	---	---	---
	RUA 05		---	---	---	0,12	---	277,41	---	33,29	---	---	---
	RUA 06		---	---	---	0,12	---	296,60	---	35,59	---	---	---
	RUA 07		---	---	---	0,12	---	277,41	---	33,29	---	---	---
	RUA 08		---	---	---	0,12	---	1670,83	---	200,50	---	---	---
	RUA 09		---	---	---	0,12	---	1428,00	---	171,36	---	---	---
	RUA 10		---	---	---	0,12	---	2494,10	---	299,29	---	---	---
	RUA 11		---	---	---	0,12	---	1171,20	---	140,54	---	---	---
	RUA 17		---	---	---	0,12	---	399,04	---	47,88	---	---	---
	RUA 18		---	---	---	0,12	---	427,80	---	51,34	---	---	---
3	RUA 01												
3.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	371,90	7,00	---	---	---	---	---	---	2603,30	---
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	371,90	---	---	---	---	---	---	---	743,80	---
3.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	371,90	7,00	---	---	---	---	---	---	2603,30	---
3.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	371,90	---	---	---	---	---	---	---	743,80	---
3.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
4	RUA 02												



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ENDEREÇO: ÁREA URBANA

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
4.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	189,90	7,00	---	---	---	---	---	---	1329,30	---
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	189,90	---	---	---	---	---	---	---	379,80	---
4.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	189,90	7,00	---	---	---	---	---	---	1329,30	---
4.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	189,90	---	---	---	---	---	---	---	379,80	---
4.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---

5	RUA 03												
5.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	199,80	7,00	---	---	---	---	---	---	1398,60	---
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	199,80	---	---	---	---	---	---	---	399,60	---
5.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	199,80	7,00	---	---	---	---	---	---	1398,60	---
5.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	199,80	---	---	---	---	---	---	---	399,60	---
5.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---

6	RUA 04												
6.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	253,67	7,00	---	---	---	---	---	---	1775,69	---
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	253,67	---	---	---	---	---	---	---	507,34	---
6.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	253,67	7,00	---	---	---	---	---	---	1775,69	---
6.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	253,67	---	---	---	---	---	---	---	507,34	---
6.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---

7	RUA 05												
7.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	39,63	7,00	---	---	---	---	---	---	277,41	---
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	39,63	---	---	---	---	---	---	---	79,26	---
7.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	39,63	7,00	---	---	---	---	---	---	277,41	---
7.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	39,63	---	---	---	---	---	---	---	79,26	---
7.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---



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ENDEREÇO: ÁREA URBANA

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
8	RUA 06												
8.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	45,63	6,50	---	---	---	---	---	---	296,60	---
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	45,63	---	---	---	---	---	---	---	91,26	---
8.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	45,63	6,50	---	---	---	---	---	---	296,60	---
8.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	45,63	---	---	---	---	---	---	---	91,26	---
8.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
9	RUA 07												
9.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	294,86	6,00	---	---	---	---	---	---	1769,16	---
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	294,86	---	---	---	---	---	---	---	589,72	---
9.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	294,86	6,00	---	---	---	---	---	---	1769,16	---
9.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	294,86	---	---	---	---	---	---	---	589,72	---
9.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
10	RUA 08												
10.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	238,69	7,00	---	---	---	---	---	---	1670,83	---
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	238,69	---	---	---	---	---	---	---	477,38	---
10.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	238,69	7,00	---	---	---	---	---	---	1670,83	---
10.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	238,69	---	---	---	---	---	---	---	477,38	---
10.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
11	RUA 09												
11.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	204,00	7,00	---	---	---	---	---	---	1428,00	---
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	204,00	---	---	---	---	---	---	---	408,00	---
11.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	204,00	7,00	---	---	---	---	---	---	1428,00	---
11.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	204,00	---	---	---	---	---	---	---	408,00	---
11.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---



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MUNICÍPIO: OROCÓ/PE

UF: PERNAMBUCO

ENDEREÇO: ÁREA URBANA

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
12	RUA 10												
12.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	356,30	7,00	---	---	---	---	---	---	2494,10	---
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	356,30	---	---	---	---	---	---	---	712,60	---
12.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	356,30	7,00	---	---	---	---	---	---	2494,10	---
12.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	356,30	---	---	---	---	---	---	---	712,60	---
12.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
13	RUA 11												
13.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	195,20	6,00	---	---	---	---	---	---	1171,20	---
13.2	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	195,20	---	---	---	---	---	---	---	390,40	---
13.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	195,20	6,00	---	---	---	---	---	---	1171,20	---
13.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	195,20	---	---	---	---	---	---	---	390,40	---
13.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
19	RUA 17												
19.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	68,80	5,80	---	---	---	---	---	---	399,04	---
19.2	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	68,80	---	---	---	---	---	---	---	137,60	---
19.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	68,80	5,80	---	---	---	---	---	---	399,04	---
19.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	68,80	---	---	---	---	---	---	---	137,60	---
19.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
20	RUA 18												
20.1	REGULARIZAÇÃO E COMPACTAÇÃO DE SUBLEITO DE SOLO PREDOMINANTEMENTE ARGILOSO, PARA OBRAS DE CONSTRUÇÃO DE PAVIMENTOS. AF_09/2024	M2	---	71,30	6,00	---	---	---	---	---	---	427,80	---
20.2	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	71,30	---	---	---	---	---	---	---	142,60	---
20.3	EXECUÇÃO DE PAVIMENTO EM PARALELEPÍEDOS, REJUNTAMENTO COM ARGAMASSA TRAÇO 1:3 (CIMENTO E AREIA). AF_05/2020	M2	---	71,30	6,00	---	---	---	---	---	---	427,80	---
20.4	PINTURA DE MEIO-FIO COM TINTA BRANCA A BASE DE CAL (CAIAÇÃO). AF_05/2021	M	2,00	71,30	---	---	---	---	---	---	---	142,60	---



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PROPOSANTE: PREFEITURA MUNICIPAL DE OROCÓ	EMPREENDIMENTO: PAVIMENTAÇÃO EM PARALELEPÍPEDO DE VIAS URBANAS
MUNICÍPIO: OROCÓ/PE	UF: PERNAMBUCO
ENDEREÇO: ÁREA URBANA	

ITEM	SERVIÇOS	UND	QUANT	COMP (m)	LAR (m)	ALT (m)	PESO (KG)	ÁREA (m²)	HORAS	VOLUME (M³)	SUBTRAIR	TOTAL	TOTAL ÍTEM
20.5	PLACA ESMALTADA PARA IDENTIFICAÇÃO NR DE RUA, DIMENSÕES 45X25CM	UN	2,00	---	---	---	---	---	---	---	---	2,00	---
26	ADMINISTRAÇÃO LOCAL												
26.1	ENGENHEIRO CIVIL DE OBRA JUNIOR COM ENCARGOS COMPLEMENTARES	MÊS	3,00										
26.2	ENCARREGADO GERAL DE OBRAS COM ENCARGOS COMPLEMENTARES	MÊS	3,00	---	---	---	---	---	---	---	---	---	---

Observações:

Local
OROCÓ-PE

Data
25 DE OUTUBRO DE 2025

Responsavel Técnico
Nome: JOABE CÉSAR COSTA CAVALCANTE
CREA: 182143367-0
ART: PE20261501921