

UPGRADING OF THE TWEEFONTEIN K WASTE WATER TREATMENT WORKS - PACKAGE 1

ITEM No	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3	SANS 1200DB	SECTION 3: EARTHWORKS (PIPE TRENCHES)				
3.1	8.3.2 PSDB 5.7	a) Excavate in all materials for trenches, backfill, compact and dispose of surplus material				
3.1.1		i) 0m up to 1,5m	m³	13438		
3.1.2		ii) More than 1,5m up to 2,0m	m³	1780		
3.1.3		iii) More than 2,0m up to 2,5m	m³	1190		
3.1.4		iv) More than 2,5m up to 3,0m	m³	689		
3.1.5		v) More than 3,0m up to 3,5m	m³	337		
3.1.6		vi) More than 3,5m	m³	142		
		b) Extra-over item (a) above for				
3.1.7		(i) Intermediate excavation	m³	3578		
3.1.8		(ii) hard excavation	m³	2541		
3.1.9		(iii) boulder excavation, Class A	m³	100		
3.1.10		(iv) boulder excavation, Class B	m³	100		
3.1.11		c) Excavate and dispose of unsuitable material from trench bottom and backfill	m³	2741		
3.2.	8.3.3	EXCAVATION ANCILLARIES				
	8.3.3.1	Make up deficiency in backfill material				
		c) By importation from commercial or off-site sources selected by the Contractor				
3.2.1		i) Granular backfill	m³	1332		
	8.3.3.4	Overhaul				
3.2.2		b) Long overhaul	m³.km	25406		
3.3	8.3.4 PSDB 5.8	PARTICULAR ITEMS				
3.3.1		a) Shore trench opposite structure or service	m	300		
3.3.2		b) Shoring of trenches where required (both sides included)	m	200		
3,4	8.3.5	EXISTING SERVICES THAT INTERSECT OR ADJOIN A PIPE TRENCH				
		a) Services that intersect a trench				
3.4.1		i) Cables	No.	30		
SUBTOTAL CARRIED FORWARD						

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ITEM No	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SUBTOTAL BROUGHT FORWARD						
3.4.2	8.3.5.3	ii) Pipes up to 300mm dia	No.	20		
3.4.3		iii) Pipes more than 300mm dia	No.	10		
		b) Services that adjoin a trench				
3.4.4	8.3.5.4 PSDB 8.3.5	i) Cables	m	300		
3.4.5		ii) Pipes up to 300mm dia	m	100		
3.4.6		iii) Pipes more than 300mm dia	m	100		
3.4.7		c) Structures to be protected during excavation such as electrical poles, telkom poles, lamp posts, anchor blocks and stays	No.	20		
TOTAL OF SECTION 3 CARRIED TO SUMMARY PAGE						