

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

ITEM No	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
8	PSLH	SECTION 8: HORIZONTAL DIRECTIONAL DRILLING (TRENCHLESS PIPE CROSSINGS)				
8,1	8.2.1	Horizontal Directional Drilling (HDD) Establishment on Site				
8.1.1		HDD establishment on site	Sum	1		
8,2	8.2.2	HDD Installation Setup				
8.2.1		HDD installation setup	Sum	1		
8,3	8.2.3	Excavation of Drilling Pits				
8.3.1		(a) Excavation of drilling pits	m ³	108		
		(b) Extra-over item 8.2.3 (a) above for:				
8.3.2		(i) intermediate excavation	m ³	22		
8.3.3		(ii) hard excavation	m ³	11		
8,4	8.2.5	HDD Installation of Pipes				
		HDD installation of pipes				
8.4.1		a) 110mm diameter, class 16 uPVC pipes	m	40		
8.4.2		b) 160mm diameter, class 16 uPVC pipes	m	40		
8.4.3		c) 110mm diameter, class 34 uPVC pipes	m	40		
8.4.4		d) 160mm diameter, class 34 uPVC pipes	m	40		
8,5	8.2.6	HDD Installation of Pipes in Rock				
		Extra-over HDD installation of pipes in rock				
8.5.1		a) 110mm diameter, class 16 uPVC pipes	m	10		
8.5.2		b) 160mm diameter, class 16 uPVC pipes	m	10		
8.5.3		c) 110mm diameter, class 34 uPVC pipes	m	10		
8.5.4		d) 160mm diameter, class 34 uPVC pipes	m	10		
TOTAL OF SECTION 8 CARRIED TO SUMMARY PAGE						