

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

ITEM No	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5	SANS 1200L	SECTION 5: SEWER RISING MAIN				
5,1		PIPELINE				
	8.2.1	i) uPVC as per SANS 966 Supply, handle, lay, disinfect, test and bed on Class B bedding Class 16 uPVC pipes with socketed ends:				
5.1.1		a) 110mm nominal diameter	m	820		
5,2	8.2.2	SPECIALS AND FITTINGS Extra over 8.2.1 for the Supply, Laying and Bedding of Specials Complete with Couplings: (i) uPVC Bends - Class 16 with socketed ends:				
5.2.1		a) 110mm diameter x 11.25 degree	No.	5		
5.2.2		b) 110mm diameter x 22.5 degree	No.	1		
5.2.3		c) 110mm diameter x 45 degree	No.	1		
		ii) Cast Iron Flanged Adaptors:				
5.2.4		a) 110mm diameter	No.	4		
		iii) Valves				
	PSL 5.6	a) Non-return valves, rated for 16 Bar work pressure (including valve box):				
5.2.5		a) 110mm diameter - flanged ends	No.	2		
5.2.6	8.2.15	iv) Special wrapping in corrosive soils (each item to be wrapped in three layers Denso Tape)	m	30		
5.3	8.2.4	ANCHOR/THRUST BLOCKS				
5.3.1		Concrete class 20 MPa/19mm	m³	5		
5.4		ANCILLARIES				
5.4.1		a) Construction of the pump station building and sump as detailed in drawings	Prov Sum	1	300000,00	300 000,00
5.4.2		b) Handling costs & profit in respect of subitems a) above	%	300000		
5.4.3		b) Lump sum for the supply and installation of 800m long x 1.8m high concrete palisade fencing with extended posts for razor wire (inclusive of the razor wire), 5m wide x 1.8m high security gate and 1.8m high pedestrian gate complete with all incidentals required	Sum	1		
SUBTOTAL CARRIED FORWARD						

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SUBTOTAL BROUGHT FORWARD						
5.4.4	8.2.11	c) Provisional sum for the supply and installation of pumpstation equipment (inclusive of 2 Gorman Rupp pump sets, all piping and valves, motor control centre, 100kVA generator, electrical fittings on entire pumpstation site and buildings, issuing of an electrical Certificate of Compliance, testing, commissioning and documentation)	Prov Sum	1	2000000,00	2 000 000,00
5.4.5		d) Handling costs & profit in respect of subitems c) above	%	2000000		
5.4.6		a) Connection chamber / manhole to outfall sewer pipeline as detailed in drawings	Prov Sum	1	50000,00	50 000,00
5.4.7		b) Handling costs & profit in respect of subitems a) above	%	50000		
TOTAL OF SECTION 5 CARRIED TO SUMMARY PAGE						