

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

ITEM No	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7	SANS 1200L	SECTION 7: WATER RETICULATION				
7,1		PIPELINES				
	8.2.1	i) uPVC as per SANS 966 Supply, handle, lay, disinfect, test and bed on Class C bedding Class 12 uPVC pipes with socketed ends:				
7.1.1		a) 63mm nominal diameter	m	4601		
7.1.2		b) 75mm nominal diameter	m	2578		
7.1.3		c) 110mm nominal diameter	m	102		
7.1.4		e) 160mm nominal diameter	m	181		
7,2	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:				
7.2.1		a) 63mm diameter x 11.25 degree	No	18		
7.2.2		b) 63mm diameter x 22.5 degree	No	5		
7.2.3		c) 63mm diameter x 45 degree	No	6		
7.2.4		d) 63mm diameter x 90 degree	No	4		
7.2.5		e) 75mm diameter x 11.25 degree	No	15		
7.2.6		f) 75mm diameter x 22.5 degree	No	2		
7.2.7		g) 75mm diameter x 45 degree	No	2		
7.2.8		h) 75mm diameter x 90 degree	No	1		
7.2.9		i) 110mm diameter x 11.25 degree	No	2		
7.2.10		j) 160mm diameter x 11.25 degree	No	2		
7.2.11		(ii) Cast Iron Reducers with socketed ends:				
7.2.12		a) 75mm diameter x 63mm diameter	No	2		
7.2.13		b) 90mm diameter x 75mm diameter	No	2		
7.2.14		c) 110mm diameter x 63mm diameter	No	1		
7.2.15		d) 110mm diameter x 90mm diameter	No	2		
SUBTOTAL CARRIED FORWARD						

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SUBTOTAL BROUGHT FORWARD						
7.2.16		(iii) Cast Iron Reducing T-pieces with socketed ends: a) 75mm diameter x 63mm diameter	No	8		
7.2.17		b) 160mm diameter x 110mm diameter	No	1		
7.2.18		(iv) Cast Iron Equal T-pieces with socketed ends: a) 63mm diameter	No	13		
7.2.19		b) 75mm diameter	No	1		
7.2.20		c) 110mm diameter	No	1		
7.2.21		(v) Cast Iron Hydrant T-pieces with socketed ends: a) 75mm diameter	No	8		
7.2.22		(viii) Cast Iron End Caps:				
7.2.23		a) 63mm diameter	No	2		
7.2.24		(ix) Fire hydrants as detailed on drawings	No	8		
	8.2.3	Extra-over 8.2.1 for the supplying, fixing and bedding of valves: (i) Cast Iron RSV Gate Valves (anti-clockwise closing and rated for 16 Bar work pressure):				
7.2.25		a) 63mm diameter	No	11		
7.2.26		b) 75mm diameter	No	5		
7.2.27		c) 110mm diameter	No	1		
7.2.28		d) 160mm diameter	No	1		
7,3	8.2.11	ANCHOR / THRUST BLOCKS AND PEDESTALS				
7.3.1		Concrete class 20 MPa/19mm	m ³	50		
7,4	8.2.13	VALVE AND HYDRANT CHAMBERS, ETC.				
7.4.1		a) Construct valve box complete: Type 3 pre-cast (heavy duty Salberg or similar approved with secure cover as per drawings	No	18		
7,5	8.2.15	Special wrapping in corrosive soils (each item to be wrapped in three layers Denso Tape)	m	50		
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ITEM No	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SUBTOTAL BROUGHT FORWARD						
7,6	PSL8.2.16	Supply and install hydrant and valve markers	No	26		
7,7	SABS 1200LF	ERF CONNECTIONS				
	8.2.2	Supply, Lay and Test Erf Connections				
		a) Supply and installation by open trench excavation				
7.7.1		(i) 25mm diameter, class 16 HDPE pipes	m	190		
7.7.2		(ii) 32mm diameter, class 16 HDPE pipes	m	20		
7.7.3		(ii) 40mm diameter, class 16 HDPE pipes	m	1050		
	8.2.3	Extra-over item 8.2.2 for specials:				
		(i) Cast Iron Saddles with 25mm tappings:				
7.7.4		a) 63mm diameter	No	15		
7.7.5		b) 75mm diameter	No	15		
7.7.6		c) 110mm diameter	No	10		
		(ii) Cast Iron Saddles with 40mm tappings:				
7.7.7		a) 63mm diameter	No	165		
7.7.8		b) 75mm diameter	No	35		
7.7.9		c) 110mm diameter	No	25		
		(iii) HDPE Reducing couplings				
7.7.10		a) 40mm x 32mm	No	450		
7.7.11		b) 32mm x 25mm	No	450		
		(iv) HDPE 90° Elbows				
7.7.12		a) 25mm x 25mm	No	80		
7.7.13		b) 40mm x 40mm	No	450		
		(v) HDPE 90° Tee				
7.7.14		a) 40mm x 40mm x 40mm	No	225		
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SUBTOTAL BROUGHT FORWARD						
7.7.15	8.2.4	Supply and Install Meter complete with couplings and meter box: a) Thermal plastic EZ3 above ground meter box, 15mm V110 KSMT plastic bodied water meter 114mm long with non-return valve and fixed on pulse per ½ litre output facility of the semi-positive rotary piston type and approved under the trade Metrology Act and Regulations and to SABS 1529-1:1994 class C specification, complete with unique high quality plastic three-way (open/closed/trickle flow) ball valve fitted upstream of the meter and a similar two-way (open/closed) consumer ball valve complete with 25mm HDPE internal piping and 20mm BSP glass nylon reinforced female connectors	No	490		
7.7.16	8.2.6	Supply and install stop taps: Brass ball valve (full bore) with male/female threaded ends (max 25 bar) for the following diameters i) 25 mm	No	490		
TOTAL OF SECTION 7 CARRIED TO SUMMARY PAGE						