

SCHEDULE 4 : RESERVOIRS - PIPE FITTINGS						
ITEM NO.	REF	DESCRIPTION	UNIT	QUANT	RATE	AMOUNT
4	SABS	<b>MEDIUM PRESSURE PIPELINES</b>				
	1200 L	<b>STEEL PIPES, SPECIALS AND FITTINGS</b>				
	8.2.5	Supply, fabricate, deliver to site, install and test the following pipes and specials. Refer also PSL 2.1:				
	PSL 2.1	Wall thickness of steel pipe to be 4,5 mm minimum. Flanges to be drilled to SANS 1123 Table as indicated on drawing.				
	PSL4.1	<b>Raw water Reservoir: Inlet Pipework (dwg - N/3110/M/7/001RA-003RA)</b>				
4.1		a) Pipe item number 7.1.1 : 500mm Ø 45° Flanged MS elbow	no	1		
4.2		b) Pipe item number 7.1.2 : 500mm Ø 90° Flanged MS elbow extended with puddle flange	no	1		
4.3		c) Pipe item number 7.1.3 : 500mm Ø Flanged MS pipe	no	1		
4.4		d) Pipe item number 7.1.4 : 500mm Ø Flanged MS pipe	no	1		
4.5		e) Pipe item number 7.1.5 : 500mm Ø 90° Flanged MS elbow	no	1		
4.6		f) Pipe item number 7.1.6 : 500mm Ø MS pipe piece flanged one end & other end suitable for flexible coupling	no	1		
4.7		g) Pipe item number 7.1.7 : 500mm Ø Flexible coupling	no	1		
4.8		h) Pipe item number 7.1.8 : 500mm Ø MS pipe piece, flanged one end & other end suitable for flexible coupling. restraining flange in position as indicated restraining flange class 25.	no	1		
4.9		i) Pipe item number 7.1.9 : 500mm Ø x 400mmØ, GMS concentric reducer flanged both ends and drilled to SABS 1123, TABLE 2500/3.	no	1		
4.10		j) Pipe item number 7.1.10 : 400mm Ø Flanged Altitude valve	no	1		
4.11		k) Pipe item number 7.1.11 : 500mm Ø MS pipe piece, flanged one end & other end suitable for flange adaptor	no	1		
4.12		l) Pipe item number 7.1.12 : 450mm Ø Battery operated Electro magnetic flow meter.	no	1		
4.13		m) Pipe item number 7.1.13 : 500mm Ø Flanged MS pipe	no	1		
4.14		n) Pipe item number 7.1.14 : 400mm Ø, RSV gate valve. flanged both ends and drilled to SABS 1123, TABLE 2500/3.	no	1		
4.15		o) Pipe item number 7.1.15 : 600mm Ø MS pipe piece, flanged one end & other end suitable for flexible coupling. paddle flange in position as indicated.	no	1		
4.16		p) Pipe item number 7.1.16 : 400mm Ø Flange adaptor. bolts to suit length of restraining flange.	no	1		
4.17		q) Pipe item number 7.1.17 : 600mm Ø Flexible coupling	no	1		
4.18		r) Pipe item number 7.1.18 : 600mm Ø x 400mmØ, GMS concentric reducer. Flanged both ends and drilled to sabs 1123, table 2500/3.	no	1		
TOTAL CARRIED FORWARD						

ITEM NO.	REF	DESCRIPTION	UNIT	QUANT	RATE	AMOUNT
<b>TOTAL BROUGHT FORWARD</b>						
4.19	PSL4.1	<b><u>Raw Reservoir: Scour Pipework (dwg - N/3110/M/7/001RA-003RA)</u></b> a) Pipe item number 7.2.1 : 700mm Ø TO 500mm Ø MS reducing pipe piece flanged one end.	no	1		
4.20		b) Pipe item number 7.2.2 : 500mm Ø Flanged MS pipe	no	2		
4.21		c) Pipe item number 7.2.3 : 500mm Ø 90° Flanged MS elbow	no	2		
4.22		d) Pipe item number 7.2.4 : 500mm Ø MS pipe piece, flanged one end & other end suitable for flexible coupling.	no	1		
4.23		e) Pipe item number 7.2.5 : 500mm Ø Flexible coupling	no	1		
4.24		f) Pipe item number 7.2.6 : 500mm Ø MS pipe piece, flanged one end & other end suitable for flexible coupling.	no	1		
4.25		g) Pipe item number 7.2.7 : 500mm Ø MS flanged pipe piece. puddle	no	1		
	PSL4.1	<b><u>Raw Reservoir: overflow Pipework (dwg - N/3110/M/7/001RA-003RA)</u></b>				
4.26		a) Pipe item number 7.3.1 : 500mm Ø MS pipe piece. both ends plain with puddle flange in position as indicated.	no	1		
4.27		b) Pipe item number 7.3.2 : 500mm Ø Flexible coupling	no	2		
4.28		c) Pipe item number 7.3.3 : 500mm Ø MS pipe piece. both ends plain with puddle flange in position as indicated.	no	1		
4.29		d) Pipe item number 7.3.4 : 500mm Ø Flange adaptor	no	1		
4.30		e) Pipe item number 7.3.5 : 500mm Ø, RSV gate valve. flanged both ends and drilled to SABS 1123, TABLE 2500/3.	no	1		
4.31		f) Pipe item number 7.3.6 : 500Ø x 500Ø Flanged MS tee-piece	no	1		
4.32		g) Pipe item number 7.3.7 : 500mm Ø MS pipe piece, flanged one end & other end suitable for flexible coupling.	no	1		
	PSL4.1	<b><u>Raw Reservoir: Outlet Pipework (dwg - N/3110/M/7/001RA-003RA)</u></b>				
4.33		a) Pipe item number 7.4.1 : 800mm Ø Flange adaptor	no	2		
4.34		b) Pipe item number 7.4.2 : 800mm Ø Flanged GMS pipe piece, with position of puddle flange as indicated.	no	1		
4.35		c) Pipe item number 7.4.3 : 800mm Ø Flanged GMS pipe piece, with position of puddle flange as indicated.	no	1		
4.36		d) Pipe item number 7.4.4 : 800mm Ø, RSV gate valve. flanged both ends and drilled to SABS 1123, TABLE 2500/3	no	1		
<b>TOTAL SCHEDULE 4 CARRIED FORWARD TO SUMMARY</b>						