

TENDER NO. 150Q/2024/25

TERM TENDER FOR LAYING OF NEW WATER MAINS, FIRE HYDRANTS AND VALVES

SCHEDULE D: MEDIUM-PRESSURE PIPELINES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
		Supply of HDPE Pressure Pipes to SANS 4427-1 earmarked for erf connections and Horizontal Directional Drilling (SAPPMA certified)		
D570		16 mm HDPE PE 100 PN 16	m	
D580		20 mm HDPE PE 100 PN 16	m	
D590		25 mm HDPE PE 100 PN 16	m	
D610		32 mm HDPE PE 100 PN 16	m	
D620		40 mm HDPE PE 100 PN 16	m	
D630		50 mm HDPE PE 100 PN 16	m	
D640		63 mm HDPE PE 100 PN 16	m	
D650		75 mm HDPE PE 100 PN 16	m	
D660		110mm HDPE PE 100 PN 16	m	
D670		160mm HDPE PE 100 PN 16	m	
D680		200mm HDPE PE 100 PN 16	m	
D690		250mm HDPE PE 100 PN 16	m	
D700		315mm HDPE PE 100 PN 16	m	
D710		355mm HDPE PE 100 PN 16	m	
D720		400mm HDPE PE 100 PN 16	m	
D730		450mm HDPE PE 100 PN 16	m	
D740		500mm HDPE PE 100 PN 16	m	
		Supply of Pex-Aluminium-Pex multi-layer pipe PN 16 only for erf connection OD dimensions		
D750		16 mm diam.	m	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D920		75 mm diam.	No.	
D930		90 mm diam.	No.	
D940		110 mm diam.	No.	
D950		160 mm diam.	No.	
D960		200 mm diam.	No.	
D970		250 mm diam.	No.	
D980		315 mm diam.	No.	
D990		355 mm diam.	No.	
D1000		400 mm diam.	No.	
D1010		450 mm diam.	No.	
D1020		500 mm diam.	No.	
	8.2.2	Supply, lay, bed, joint, incl. cut pipes to length where required, test and disinfect.		
		BENDS: All socket ends (PVC Class 16)		
		11.25 deg		
D1030		75 mm diam.	No.	
D1040		90 mm diam.	No.	
D1050		110 mm diam.	No.	
D1060		160 mm diam.	No.	
D1070		200 mm diam.	No.	
D1080		250 mm diam.	No.	
D1090		300 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
		22.5 deg		
D1140		75 mm diam.	No.	
D1150		90 mm diam.	No.	
D1160		110 mm diam.	No.	
D1170		160 mm diam.	No.	
D1180		200 mm diam.	No.	
D1190		250 mm diam.	No.	
D1200		300 mm diam.	No.	
		45 deg		
D1250		75 mm diam.	No.	
D1260		90 mm diam.	No.	
D1270		110 mm diam.	No.	
D1280		160 mm diam.	No.	
D1290		200 mm diam.	No.	
D1300		250 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D1310		300 mm diam.	No.	
		90 deg		
D1360		75 mm diam.	No.	
D1370		90 mm diam.	No.	
D1380		110 mm diam.	No.	
D1390		160 mm diam.	No.	
D1400		200 mm diam.	No.	
D1410		250 mm diam.	No.	
D1420		300 mm diam.	No.	
		BENDS: All socket ends (Ductile Iron PN 16)		
		11.25 deg		
D1470		75 mm diam.	No.	
D1480		90 mm diam.	No.	
D1490		110 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D1500		160 mm diam.	No.	
D1510		200 mm diam.	No.	
D1520		250 mm diam.	No.	
D1530		300 mm diam.	No.	
		22.5 deg		
D1580		75 mm diam.	No.	
D1590		90 mm diam.	No.	
D1600		110 mm diam.	No.	
D1610		160 mm diam.	No.	
D1620		200 mm diam.	No.	
D1630		250 mm diam.	No.	
D1640		300 mm diam.	No.	
		45 deg		
D1690		75 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D1700		90 mm diam.	No.	
D1710		110 mm diam.	No.	
D1720		160 mm diam.	No.	
D1730		200 mm diam.	No.	
D1740		250 mm diam.	No.	
D1750		300 mm diam.	No.	
		90 deg		
D1800		75 mm diam.	No.	
D1810		90 mm diam.	No.	
D1820		110 mm diam.	No.	
D1830		160 mm diam.	No.	
D1840		200 mm diam.	No.	
D1850		250 mm diam.	No.	
D1860		300 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
		BENDS: All plain ended (Type 1: Mild Steel hot dipped galvanized with Plascoat or Carboline coating or equivalent) inclusive of ranger couplings		
		11.25 deg		
D1910		75 mm diam.	No.	
D1920		90 mm diam.	No.	
D1930		110 mm diam.	No.	
D1940		160 mm diam.	No.	
D1950		200 mm diam.	No.	
D1960		250 mm diam.	No.	
D1970		300 mm diam.	No.	
D1980		350 mm diam.	No.	
D1990		400 mm diam.	No.	
D2000		450 mm diam.	No.	
D2010		500 mm diam.	No.	
		22.5 deg		
D2020		75 mm diam.	No.	
D2030		90 mm diam.	No.	
D2040		110 mm diam.	No.	
D2050		160 mm diam.	No.	
D2060		200 mm diam.	No.	
D2070		250 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D2280		200 mm diam.	No.	
D2290		250 mm diam.	No.	
D2300		300 mm diam.	No.	
D2310		350 mm diam.	No.	
D2320		400 mm diam.	No.	
D2330		450 mm diam.	No.	
D2340		500 mm diam.	No.	
		BENDS: All plain ended (Type 2: Mild Steel with Corrocoat Polyglass VE corrosion protection or equivalent) inclusive of ranger couplings		
		11.25 deg		
D2350		75 mm diam.	No.	
D2360		90 mm diam.	No.	
D2370		110 mm diam.	No.	
D2380		160 mm diam.	No.	
D2390		200 mm diam.	No.	
D2400		250 mm diam.	No.	
D2410		300 mm diam.	No.	
D2420		350 mm diam.	No.	
D2430		400 mm diam.	No.	
D2440		450 mm diam.	No.	
D2450		500 mm diam.	No.	

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SCHEDULE D: MEDIUM-PRESSURE PIPELINES

[illegible]

TERM TENDER FOR LAYING OF NEW WATER MAINS, FIRE HYDRANTS AND VALVES

[illegible]

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SCHEDULE D: MEDIUM-PRESSURE PIPELINES

[illegible]

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[illegible]

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SCHEDULE D: MEDIUM-PRESSURE PIPELINES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D5330		400 x 350 mm	No.	
D5340		400 x 400 mm	No.	
D5350		450 x 110 mm	No.	
D5360		450 x 160 mm	No.	
D5370		450 x 200 mm	No.	
D5380		450 x 250 mm	No.	
D5390		450 x 300 mm	No.	
D5400		450 x 350 mm	No.	
D5410		450 x 400 mm	No.	
D5420		450 x 450 mm	No.	
D5430		500 x 110 mm	No.	
D5440		500 x 160 mm	No.	
D5450		500 x 200 mm	No.	
D5460		500 x 250 mm	No.	
D5470		500 x 300 mm	No.	
D5480		500 x 350 mm	No.	
D5490		500 x 400 mm	No.	
D5500		500 x 450 mm	No.	
D5510		500 x 500 mm	No.	
		TEES: All plain ended (Type 2: Mild Steel with Corrocoat Polyglass VE corrosion protection or equivalent) inclusive of ranger couplings		
D5520		75 x 75 mm	No.	
D5530		110 x 75 mm	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D7310		500 x 110 mm	No.	
D7320		500 x 160 mm	No.	
D7330		500 x 200 mm	No.	
D7340		500 x 250 mm	No.	
D7350		500 x 300 mm	No.	
D7360		500 x 350 mm	No.	
D7370		500 x 400 mm	No.	
D7380		500 x 450 mm	No.	
D7390		500 x 500 mm	No.	
		HYDRANT TEES: Double socket tees with with 100mm diameter flanged branch (Ductile Iron PN 16)		
D7400		110 mm diam.	No.	
D7410		160 mm diam.	No.	
D7420		200 mm diam.	No.	
D7430		250 mm diam.	No.	
D7440		300 mm diam.	No.	
		HYDRANT TEES: Double plain ended tees with with 100mm diameter flanged branch (Type 1: Mild Steel hot dipped galvanized with Plascoat or Carboline coating or equivalent) inclusive of ranger couplings		
D7490		110 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D7500		160 mm diam.	No.	
D7510		200 mm diam.	No.	
D7520		250 mm diam.	No.	
D7530		300 mm diam.	No.	
D7540		350 mm diam.	No.	
D7550		400 mm diam.	No.	
D7560		450 mm diam.	No.	
D7570		500 mm diam.	No.	
		HYDRANT TEES: Double plain ended tees with with 100mm diameter flanged branch (Type 2: Mild Steel with Corrocoat Polyglass VE corrosion protection or equivalent) inclusive of ranger couplings		
D7580		110 mm diam.	No.	
D7590		160 mm diam.	No.	
D7600		200 mm diam.	No.	
D7610		250 mm diam.	No.	
D7620		300 mm diam.	No.	
D7630		350 mm diam.	No.	
D7640		400 mm diam.	No.	
D7650		450 mm diam.	No.	
D7660		500 mm diam.	No.	
		HYDRANT TEES: All flanged tees with with 100mm diameter branch (Ductile Iron PN 16)		
D7670		110 mm diam.	No.	
D7680		160 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
		CROSSES: All plain ended (Type 2: Mild Steel with Corrocoat Polyglass VE corrosion protection or equivalent) inclusive of ranger couplings		
D8970		75 x 75 mm	No.	
D8980		110 x 75 mm	No.	
D8990		110 x 110 mm	No.	
D9000		160 x 110 mm	No.	
D9010		160 x 160 mm	No.	
D9020		200 x 110 mm	No.	
D9030		200 x 160 mm	No.	
D9040		200 x 200 mm	No.	
D9050		250 x 110 mm	No.	
D9060		250 x 160 mm	No.	
D9070		250 x 200 mm	No.	
D9080		250 x 250 mm	No.	
D9090		300 x 110 mm	No.	
D9100		300 x 160 mm	No.	
D9110		300 x 200 mm	No.	
D9120		300 x 250 mm	No.	
D9130		300 x 300 mm	No.	
D9140		350 x 110 mm	No.	
D9150		350 x 160 mm	No.	
D9160		350 x 200 mm	No.	
D9170		350 x 250 mm	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
		REDUCERS: All plain ended (Type 2: Mild Steel with Corrocoat Polyglass VE corrosion protection or equivalent) inclusive of ranger couplings with stainless steel bolts and nuts		
D11370		110 x 75 mm diam.	No.	
D11380		160 x 75 mm diam.	No.	
D11390		160 x 110 mm diam.	No.	
D11400		200 x 110 mm diam.	No.	
D11410		200 x 160 mm diam.	No.	
D11420		250 x 160 mm diam.	No.	
D11430		250 x 200 mm diam.	No.	
D11440		300 x 160 mm diam.	No.	
D11450		300 x 200 mm diam.	No.	
D11460		300 x 250 mm diam.	No.	
D11470		350 x 200 mm diam.	No.	
D11480		350 x 250 mm diam.	No.	
D11490		350 x 300 mm diam.	No.	
D11500		400 x 200 mm diam.	No.	
D11510		400 x 250 mm diam.	No.	
D11520		400 x 300 mm diam.	No.	
D11530		400 x 350 mm diam.	No.	
D11540		450 x 250 mm diam.	No.	
D11550		450 x 300 mm diam.	No.	
D11560		450 x 350 mm diam.	No.	
D11570		450 x 400 mm diam.	No.	

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	RATE
D12840		300 mm diam.	No.	
		Mild Steel flanged socket adaptor with corrosion protection (PN25)		
D12890		75 mm diam.	No.	
D12900		90 mm diam.	No.	
D12910		110 mm diam.	No.	
D12920		160 mm diam.	No.	
D12930		200 mm diam.	No.	
D12940		250 mm diam.	No.	
D12950		300 mm diam.	No.	
D12960		350 mm diam.	No.	
D12970		400 mm diam.	No.	
D12980		450 mm diam.	No.	
D12990		500 mm diam.	No.	
		FLANGED SPIGOT (1 Spigot, 1 Flange end)		
		Ductile iron flanged spigot (PN 16) for PVC pipes		
D13000		75 mm diam.	No.	
D13010		90 mm diam.	No.	
D13020		110 mm diam.	No.	