

**OR TAMBO DISTRICT MUNICIPALITY**

MTHATHA CENTRAL CORRIDOR REGIONAL BULK WATER SUPPLY – PHASE 1

CONSTRUCTION OF BULK GRAVITY MAIN FROM LINDILE TO KWATSHATSHU - CONTRACT 3

MIS 535 774 C

**SECTION 5 : BEDDING**

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
<b>5</b>	<b>SANS 1200 LB</b>	<b>BEDDING - BULKLINE - CONTRACT 3</b>				
5,1	8.2.1	<u>Provision of Bedding from Trench Excavation</u>				
5.1.1	8.2.1 (a)	Selected granular material	m <sup>3</sup>	13 096		
5.1.2	8.2.1 (b)	Selected fill material	m <sup>3</sup>	8 730		
5,2	8.2.2	<u>Supply only of Bedding by Importation</u>				
5.2.1	8.2.2.1	<u>From other necessary excavations (Provisional)</u>				
5.2.1.1	8.2.2.1 (a)	Selected granular material	m <sup>3</sup>	3 929		
5.2.1.2	8.2.2.1 (b)	Selected fill material	m <sup>3</sup>	2 619		
5.2.2	8.2.2.3	<u>From Commercial sources</u>				
5.2.2.1	8.2.2.3 (a)	Selected granular material	m <sup>3</sup>	1 310		
5.2.2.2	8.2.2.3 (b)	Selected fill material	m <sup>3</sup>	873		
5,3	8.2.3	<u>Concrete Bedding Cradle (Provisional)</u>				
5.3.1		15/19 Grade concrete	m <sup>3</sup>	6		
5,4	8.2.4	<u>Encasing of Pipes in Concrete (Provisional)</u>				
5.4.1		Encasement of Pipe in 25/19 Grade concrete including all formwork and reinforcement (100kg steel per m <sup>3</sup> concrete) for water crossings. Refer to standard detail	m <sup>3</sup>	22		
5,5	8.2.4	<u>Thrust Blocks</u>				
5.5.1		Construct thrust blocks in 25/19 Grade concrete including all preparation work and formwork required. Refer to standard detail	m <sup>3</sup>	37		
5,6		River Crossing				
5.6.1		Construct river crossing including all preparation work and formwork required. Refer to standard detail.	Prov Sum	1	R150 000,00	R150 000,00
<b>Total Carried Forward To Summary</b>						

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**SECTION 9: BOOSTER PUMP STATION**

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT R
<b>9</b>		<b>BOOSTER PUMP :BULKLINE - CONTRACT 3</b>				
<b>9,1</b>		<b>BOOSTER PUMPS STATION BUILDING</b>				
9,1,1		Supply all material and labour to construct booster pump station complete in accordance with drawing P2023-11-414 and as directed by the Engineer. The tendered rate shall be inclusive of all earthworks and relevant tests required. All materials and workmanship to conform to specifications.	Sum	1		
<b>9,2</b>		<b>BOOSTER PUMPS INSTALLATION</b>				
9.2.1		Supply and install Duty and Stand-by Grundfos Hydro MPC-E 2 CRIE 15-2 50 Hz or similar approved booster pumps including all electrical and electronic cables and MMC panel. The tendered rate to include all pipework, water meters, valves, pump controls, etc.. The contractor will also be required to compile an operations manual and train operators as identified by the Client.	Sum	1		
<b>9,3</b>		<b>ESKOM POWER CONNECTION</b>				
9,3,1		Application and Connection of eskom power from the existing eskom powerline to the booster pump station.	Prov. Sum	1	R 680 000,00	R 680 000,00
<b>9,4</b>		Contractor's mark up on item 5.1 and 5.2	%	R 680 000,00		
<b>9,5</b>		<b>FENCING</b>				
9,5,1		Security fence constructed of 2.4m High formed of thirteen strands of straining wires each strand formed of twisted double strand 1,6mm thick galvanised wires incorporating three barbs in every twist at 150mm centres mechanically strained between straining and/or gate and corner posts at maximum 10m centres with one end passed through holes and securely tied to posts and other end securely tied to and including eyebolts bolted onto posts with and including 2,5mm galvanised binding wire; the fence complete with and including three rows of flat wrap razor security wire in 600mm diameter vertical loops fixed at each intersection with barbed straining wires with and including 2,5mm galvanised binding wire. With 100mm Diameter x 3,5mm thick galvanised intermediate post 3,4m long with pressed steel cap welded onto top; the post to be holed as required for wires and straining bolts and with 150 x 150 x 4mm mild steel base plate welded onto bottom end: including setting up post and embedding in position in concrete base	m	40		
9,5,2		Supply and install double leaf vehicle gates	No.	1		
<b>Total Carried Forward to Summary</b>						