

BILL 2: SUPPLY AND DELIVERY OF RDP CONSTRUCTION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
SECTION A: STRUCTURAL BUILDING						
A.1	CONCRETE					
	Reinforced Cement Concrete (25MPa) In					
1	Cast strip concrete slab on waterproofing sheeting.	m ³	1			
2	Cast footings	m ³	1			
3	Floor Slab	m ³	1			
4	50kg CEM I and II Bags	No.	1			
5	13mm Course Agreegate	t	1			
6	5mm Graded Building Sand	t	1			
6	Plaster Sand	t	1			
A.2	BUILDING MATERIALS					
	High tensile steel bar reinforcement for structural concrete work					
1	High tensile steel (Y12)	t	1			
2	75 mm wide brickforce reinforcement (20m/roll): 2.2 mm 25 mm Galvanized bracing strap	rolls	1			
3	375 micron brickgrip DPC (150 mm wide): Consol plastics or similar (150 mm x 40 m / roll)	m	1			
4	HARDWOOD doorframe: 90 x 45 mm NO SILL	No.	1			
5	External HARDWOOD 813 mm doorframe (90 x 45 mm) open in	No.	1			
6	PD1 Open back, braced (CODE: PD1/OB/BR) Full Exterior Door by SWARTLAND: Size: 813 x 2032	No.	1			
7	Masonite hollow core flush door (813 x 2032 mm) Plastic key tag	No.	1			
8	75 mm two lever "DCLSA" or similar approved upright mortice lockset with chrome plated finish	No.	1			
9	75 mm three lever "DCLSA" or similar aproved upright mortice lockset with chrome plated finish	No.	1			
10	DURAM: WOODSEAL for external doors & door frames: (5 litre pack size): Colours: Meranti	No. of packs	1			
11	DURAM: FLEXIWALL for external walls: (20 litre pack size): Colours as indicated below:					
	- Kalahari Dusk	No.	1			
	- Sand Storm	No.	1			
	- Sundial	No.	1			
12	DURAM: FLEXICOTE for numbering: (5 litre pack size): Colour: Black	No.	1			
13	DURAM HIGH HIDING or similar approved Acrylic PVA paint for ceilings,	No.	1			
14	DURAM NUGLO ENAMEL or similar approved (20 litre pack size): Colour:	No.	1			
15	10 mm NUTEC fascia boards:					
	- 150 x 3600 mm	No.	1			
	- 10 x 150 mm PVC H-strip fascia joiner	No.	1			
16	80 x 200 mm NUTEC Barge Boards: 3 m lengths	No.	1			
17	80 x 200 mm Barge board joiners	No.	1			
18	Sawn softwood Grade 5					
	- 38 x 38 mm brandering: 3.0 m lengths	No.	1			
	- 38 x 38 mm brandering: 3.6 m lengths	No.	1			
19	H-type PVC ceiling board jointing strips					
	- 4 mm x 3.0 m in length	No.	1			
	- 4 mm x 3.6 m in length	No.	1			
TOTAL CARRIED FORWARD						

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BROUGHT FORWARD						
20	4.0 mm EVERITE NUTEC ceiling board					
	- 0.9 x 3.0 m sheets	No.	1			
	- 1.2 x 3.0 m sheets	No.	1			
21	75 mm Cove polystyrene cornice (3m lengths)	No.	1			
22	Creosote for rafter treatment (5l packs)	no	1			
23	SISALATION Residential HF2 or similar approved (1.25 m x 40 m	rolls	1			
24	ALCOLIN: Contractors Acrylic: WHITE paintable sealant / filler / adhesive for cornices: 260 ml packs	No.	1			
25	ALCOLIN Silicone sealant: Mould resistant for baths & basins: 300 ml packs: Colour: CLEAR	No.	1			
26	Pine coverstrip: 10 x 44 mm x 3 m lengths	No.	1			
27	Cement Airbricks with mesh:	No..	1			
28	75 x 100 mm Brass plated hinges with screws (in pairs)	pairs	1			
29	Fasteners & General Items:					
	- 3 inch wire nails	kg	1			
	- 8 x 30 mm chipboard screw (for Doors)	No.	1			
	- 32 mm Claddit Nail	kg	1			
	- 65 mm SAFETOP cap & nail (for Bargeboards)	No.	1			
	- 6 mm Nylon wall plugs (for Kitchen wallplate)	No.	1			
	- 6 x 40 mm chipboard screw (for Kitchen wallplate)	No.	1			
	- 8 mm vendor washers	No.	1			
	- 8 mm Nylon wall plugs	No.	1			
	- 6 x 60 mm coach screw	No.	1			
	- Turpentine (5 litre packs)	No.	1			
	- Crackfiller: Polyfill or similar: 10 kg packs	No.	1			
30	Sandpaper as specified below:					
	- 80 grid: 1 m x 300 mm wide rolls	No.	1			
	- 100 grid: 1 m x 300 mm wide rolls	No.	1			
31	Masonry drill bits of size listed below:					
	- 6 mm diameter	No.	1			
	- 8 mm diameter	No.	1			
32	Pre-stressed concrete lintols for hollow blocks as specified below:					
	- 140 wide X 90 mm high X 1.30 m long (Concrete yeAfrica or similar	No.	1			
A.3	BRICKS					
1	140mm Thick Cement Maxi Bricks (290x140x90)	No	1			
2	140mm Thick Cement Maxi Bricks (290x90x90)	No	1			
2	Standard cement stock bricks	/1000	1			
A.4	TILES					
1	Kitchen and living area tiles (Ambra Grey Matt Ceramic Floor Tile - 350 x 350mm)	m ²	1			
2	Bathroom area tiles (Ceramic Floor Tile - 350 x 350mm)	m ²	1			
A.5	DAMP PROOFING TO WALLS AND FLOORS					
1	One Layer 250 Micron Waterproof Sheeting Under surface beds	m ²	1			
2	One Layer 375 Micron Embossed Dampproof Sheeting on walls	m ²	1			
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BROUGHT FORWARD						
A.5	ROOF					
	a) Roof coverings Concrete roof tiles shall comply with SANS specification 542 - 2007					
	b) Carpentry and joinery Material shall comply with the following specifications and requirements - Softwood general timber to SABS 563 Grade 5 - Softwood brandering & battens to SABS 653 - Mild steel nails to SABS 820 - Creosote to SABS 538 Softwood shall bear the relevant SABS mark and all timber shall be pre-treated in accordance with the relevant SABS specification.					
	c) Measurement and payment The rate stipulated shall include for the design, manufacture, transportation, cost of material to the point of placing and handling of such materials complete per roof structure. Certification of competence awarded by the institute of Timber Construction is required					
	ITEMS					
1	Double roman standard concrete roof tiles (colours: red & charcoal) Allow 535 tiles per structure	No.	1			
2	SISALATION Residential HF2 or similar approved (1.25 m x 40 m / roll): IF OTHER PLEASE SPECIFY:	No.	1			
3	V - Ridge capping for concrete roof tiles: Allow 17 tiles per structure	No.	1			
4	63 mm EP Nails: Allow 1kg per structure	kg	1			
5	Oxide for v-ridges (to suit tile colours): Allow 1 kg per structure	kg	1			
6	Design and supply sawn softwood grade 5 double pitch roof truss structure (10 trusses) to 20 degree pitch with a 390 mm overhang on both sides as detailed drawing no. 186-roofing. The rate per roof structure shall include for wallplates, battens, tilting battens, bracing, Gable & plaster battens complete with all fasteners i.e. Clips etc.	No. of roofs	1			
	NOTE: Alternative roof design offers must be made in a separate covering letter attached to the tender document.					
A.8	CEILING					
1	6.4mm thick skimmed rhinoboard	m ²	1			
2	76mm diameter coved cornice	m	1			
3	38x38mm branders with half round strips to joint.	m	1			
A.9	IRONMONGERY TO DOORS, FRAMES, ETC					
1	Dortella 6 inch steel handle- emerald black nickle (Door Handles)	Each	1			
A.10	WINDOWS FRAMES					
1	D522 (Size 2000mm x 1540mm high) for the Living area	Each	1			
2	D54 (Size 1511mm x 1540mm High) for the bedroom	Each	1			
3	C2 (Size 1022mm x 950mm High) for the Kitchen	Each	1			
3	E2 (Size 1022mm x 654mm High) for the Bathroom	Each	1			
A.11	DOORS AND DOOR FRAMES					
1	Solid Hardwood 2 or 4 Panel Meranti or Saligna door with timber frame	Each	1			
2	Hollow core doors made of rail, stile, hinge block and Hardwood face veneer	Each	1			
SECTION B: PLUMBING						
B.1	uPVC					
	Polypropylene / "fusion" fittings					
	- 15 mm Ø equal tee	No.	1			
	- 15 mm Ø x 90° Elbow	No.	1			
	- 15 mm Ø x ½" Female Straight Adaptor (cistern/bath/basin)	No.	1			
	- 15 mm Ø holder bats	No.	1			
	- 15 mm Ø x ½" wallplate (kitchen sink tap)	No.	1			
	- 15 mm Ø x stopcock	No.	1			
	- 15 mm Ø x straight coupler	No.	1			
	Waste unions & plugs					
	- 32 mm slotted basin waste union plug	No.	1			
	- 40 mm slotted bath waste union plug	No.	1			
	- Bath chain and stay	No.	1			
	- 40 mm bath waste fitting	No.	1			
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BROUGHT FORWARD						
	Traps, taps, valves etc.					
	- 40 mm White PVC P trap: Code - PWBAT (kitchen sink)	No.	1			
	- 32 mm White PVC P trap: Code - PWBT for bath basins	No.	1			
	- 40 - 40 mm Butyl rubber deep seal P trap (kitchen sink)	No.	1			
	- 40 - 40 mm Butyl rubber "giraffe" with overflow trap (for bath)	No.	1			
	- 15 mm WALL MOUNTED TAP for kitchen basin "Colourtaps" or similar approved: Colour: BROWN	No.	1			
	- 15 mm PLAIN PILLARTAP for bathroom basin & bath "Colourtaps" or similar approved: Colour: WHITE	No.	1			
	Sanitary fittings					
	- KS white kitchen suit 800 x 435 x 140 mm injection moulded polypropylene by "Colourtaps" or similar approved complete with fitments	No.	1			
	- White hand basin 480 x 390 x 125 mm injection moulded polypropylene by "Colourtaps" or similar approved complete with fitments	No.	1			
	- Ceramic low level toilet pan	No.	1			
	- Elf PVC cistern	No.	1			
	- Dutton Plastics: economy toilet seat complete with fitments	No.	1			
	- White "Chanel" 1700 x 700mm bath with handles complete	No.	1			
	General					
	- PVC solvent (500 ml packs)	No.	1			
	- PTFE thread tape rolls	No.	1			
	- Cement gulleys	No.	1			
	Erf connections					
	- 15 mm PVC ball valve: Rated PN16	No.	1			
	- 15 mm x 1/2" Conex male straight adaptor	No.	1			
	- 15 mm x 3/4" Conex male straight adaptor	No.	1			
	- 20 mm x 1/2" Plasson or similar approved male adaptor	No.	1			
	- 20 mm x 3/4" Plasson or similar approved male adaptor	No.	1			
B.2	TAPS, VALVES, ETC					
1	Elegant Oval Handle Polished Chrome Kitchen Wall Mixer	Each	1			
B.3	KITCHEN SINK					
1	Cam Africa Drop In SEB Excluding 40mm (915 x 460)	Each	1			
B.4	GEYSER					
1	Geyser Electrical kwikot	Each	1			
B.5	SHOWER					
1	Complete Shower Kit consisting of pivot shower door, water mixers and a shower base	Each	1			
2	Boxed Basin and pedestal	Each	1			
B.5	TOILETS					
1	Couple close top flush suite	Each	1			
SECTION C: PAINTWORK						
PAINTING ON WALLS						
1	Internal wall paint	20 L Drum	1			
RHINOLITE (Primers, Sealers and Undercoats)						
2	Rhinoseal water borne - fine particle bonding liquid	20 L Drum	1			
TOP COATS (ACRYLIC)						
3	Essensual luxury sheen wall paint	20 L Drum	1			
TOP COATS (ENAMEL)						
4	Endura coat ultra Tough Non-Drip Polyurethane Enamel	20 L Drum	1			
TOTAL BILL 2 CARRIED SUMMARY						

BILL 3 : BOX CULVERTS AND CULVERTS SLABS						
ITEM NO	DESCRIPTION	UNIT	RATE	RATE	RATE	
Minimum Requirements <input type="checkbox"/> The culverts to comply with the SANS 986. <input type="checkbox"/> Preferential procurement regulations 2017: Local Content Required 100% steel.			Ehlanzeni DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)	(Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
SECTION A: BOX CULVERTS AND CULVERTS BASE SLAB						
A.1	Box Culverts					
1.	450 x 300	Each				
2.	375	Each				
3.	450	Each				
4.	600 x 300	Each				
5.	450	Each				
6.	600	Each				
7.	750 x 300	Each				
8.	450	Each				
9.	600	Each				
10.	750	Each				
11.	900 x 300	Each				
12.	450	Each				
13.	600	Each				
14.	750	Each				
15.	900	Each				
16.	1200 x 300	Each				
17.	450	Each				
18.	600	Each				
19.	900	Each				
20.	1200	Each				
21.	1500 x300	Each				
22.	450	Each				
23.	750 x 300	Each				
24.	900	Each				
25.	1200	Each				
26.	1500	Each				
27.	1800 x 600	Each				
28.	900	Each				
29.	1200	Each				
30.	1500	Each				
31.	1800	Each				
32.	2100 x600	Each				
33.	900	Each				
34.	1200	Each				
35.	1500	Each				
36.	1800	Each				
37.	2100	Each				
38.	2400 x 600	Each				
39.	900	Each				
40.	1200	Each				
41.	1500	Each				
42.	1800	Each				
43.	2100	Each				
44.	2400	Each				
45.	750 x 300	Each				
46.	900	Each				
47.	1200	Each				
48.	1500	Each				
49.	1800	Each				
50.	2100	Each				
51.	2400	Each				
52.	3000	Each				
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BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
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				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
Section A : Coupling Plasson Compression (HDPE NP16)						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
11	160mm	No.	1			
Section B : 90° Elbow Plasson Compression (HDPE NP16)						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
11	160mm	No.	1			
Section C : 90° Elbow Plasson (Male Threaded) Compression (HDPE NP16)						
1	16mm x 1/2"	No.	1			
2	20mm x 1/2"	No.	1			
3	20mm x 3/4"	No.	1			
4	25mm x 1/2"	No.	1			
5	25mm x 3/4"	No.	1			
6	25mm x 1"	No.	1			
7	32mm x 3/4"	No.	1			
8	32mm x 1"	No.	1			
9	32mm x 1 1/4"	No.	1			
10	40mm x 1"	No.	1			
11	40mm x 1 1/4"	No.	1			
12	40mm x 1 1/2"	No.	1			
13	50mm x 1 1/4"	No.	1			
14	50mm x 1 1/2"	No.	1			
15	50mm x 2"	No.	1			
16	63mm x 1 1/2"	No.	1			
17	63mm x 2"	No.	1			
18	63 x 2 1/2"	No.	1			
19	75mm x 2"	No.	1			
20	75mm x 2 1/2"	No.	1			
21	75mm x 3"	No.	1			
22	90mm x 3"	No.	1			
23	90mm x 4"	No.	1			
24	110mm x 4"	No.	1			
Section D : 90° Elbow Plasson (Female Threaded) Compression (HDPE NP16)						
1	16mm x 1/2"	No.	1			
2	16mm x 3/4"	No.	1			
3	20mm x 1/2"	No.	1			
4	20mm x 3/4"	No.	1			
5	25mm x 1/2"	No.	1			
6	25mm x 3/4"	No.	1			
7	25mm x 1"	No.	1			
8	32mm x 3/4"	No.	1			
9	32mm x 1"	No.	1			
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BROUGHT FORWARD						
Section A : Coupling Plasson Compression (HDPE NP16)						
10	40mm x 1"	No.	1			
11	40mm x 1 1/4"	No.	1			
12	50mm x 1 1/2"	No.	1			
13	50mm x 2"	No.	1			
14	63mm x 1 1/2"	No.	1			
15	63mm x 2"	No.	1			
16	75mm x 2"	No.	1			
17	75mm X 2 1/2"	No.	1			
18	90mm X 3"	No.	1			
19	110mm X 3"	No.	1			
20	110mm X 4"	No.	1			
Section E : Adaptor Plasson (Female) Compression (HDPE NP16)						
1	16mm x 1/2"	No.	1			
2	16mm x 3/4"	No.	1			
3	20mm x 1/2"	No.	1			
4	20mm x 3/4"	No.	1			
5	25mm x 1/2"	No.	1			
6	25mm x 3/4"	No.	1			
7	25mm x 1"	No.	1			
8	32mm x 3/4"	No.	1			
9	32mm x 1"	No.	1			
10	32mm x 1 1/4"	No.	1			
11	40mm x 1"	No.	1			
12	40mm x 1 1/4"	No.	1			
13	40mm x 1 1/2"	No.	1			
14	50mm x 1 1/4"	No.	1			
15	50mm x 1 1/2"	No.	1			
16	50mm x 2"	No.	1			
17	63mm x 2"	No.	1			
18	75mm x 2"	No.	1			
19	75mm x 2 1/2"	No.	1			
Section F: Adaptor Plasson (Male) Compression (HDPE NP16)						
1	16mm x 1/2"	No.	1			
2	16mm x 3/4"	No.	1			
3	20mm x 1/2"	No.	1			
4	20mm x 3/4"	No.	1			
5	25mm x 1/2"	No.	1			
6	25mm x 3/4"	No.	1			
7	25mm x 1"	No.	1			
8	32mm x 3/4"	No.	1			
9	32mm x 1"	No.	1			
10	32mm x 1 1/4"	No.	1			
11	40mm x 1"	No.	1			
12	40mm x 1 1/4"	No.	1			
13	40mm x 1 1/2"	No.	1			
14	50mm x 1 1/4"	No.	1			
15	50mm 1 1/2"	No.	1			
16	50mm x 2"	No.	1			
17	63mm x 1 1/4"	No.	1			
18	63 x 1 1/2"	No.	1			
19	63mm x 2"	No.	1			
20	63 x 2 1/2"	No.	1			
21	75mm x 2"	No.	1			
22	75mm x 2 1/2"	No.	1			
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BROUGHT FORWARD						
23	75mm x 3"	No.	1			
24	90mm x 2"	No.	1			
25	90mm x 3"	No.	1			
Section G : 90° Tee Plasson Compression (HDPE NP16)						
1	16x16x16mm	No.	1			
2	20x20x20mm	No.	1			
3	25x25x25mm	No.	1			
4	32x32x32mm	No.	1			
5	40x40x40mm	No.	1			
6	50x50x50mm	No.	1			
7	63x63x63mm	No.	1			
8	75x75x75mm	No.	1			
9	90x90x90mm	No.	1			
10	110x110x110mm	No.	1			
Section H : End Plug Plasson Compression (HDPE NP16)						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
Section I : Polypropylene Socket Threaded PN10						
1	1/2"	No.	1			
2	3/4"	No.	1			
3	1"	No.	1			
4	1 1/4"	No.	1			
5	1 1/2"	No.	1			
6	2"	No.	1			
7	63mm	No.	1			
Section J : Polypropylene Nipple Threaded PN10						
1	1/2"	No.	1			
2	3/4"	No.	1			
3	1"	No.	1			
4	1 1/4"	No.	1			
5	1 1/2"	No.	1			
6	2"	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
Section K : Polypropylene Nipple Reducer Threaded PN10						
1	3/4" X 1/2"	No.	1			
2	1" X 3/4"	No.	1			
3	1 1/4" X 1"	No.	1			
4	1 1/2" X 1"	No.	1			
5	1 1/2" X 1 1/4"	No.	1			
6	2" X 1 1/4"	No.	1			
7	2" X 1 1/2"	No.	1			
8	63x50mm	No.	1			
9	75x63mm	No.	1			
Section L : Polypropylene Threaded Reducing Bush (M/F) PN10						
1	3/4" X 1/2"	No.	1			
2	1" X 3/4"	No.	1			
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BROUGHT FORWARD						
3	1 1/4" X 1"	No.	1			
4	1 1/2" X 1"	No.	1			
5	1 1/2" X 1 1/4"	No.	1			
6	2" X 1"	No.	1			
7	2" X 1 1/4"	No.	1			
8	2" X 1 1/2"	No.	1			
9	63x50mm	No.	1			
10	75x63mm	No.	1			
Section M : Polypropylene Threaded Plug (Male) PN10						
1	1/2"	No.	1			
2	3/4"	No.	1			
3	1"	No.	1			
4	1 1/4"	No.	1			
5	1 1/2"	No.	1			
6	2"	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
Section N : Polypropylene Threaded Plug (Female) PN10						
1	1/2"	No.	1			
2	3/4"	No.	1			
3	1"	No.	1			
4	1 1/4"	No.	1			
5	1 1/2"	No.	1			
6	2"	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
Section O : PVC Saddles (With reinforcing ring) Polypropylene Material						
1	40mm x 3/4"	No.	1			
2	50mm x 3/4"	No.	1			
3	50mm x 1"	No.	1			
4	63mm x 3/4"	No.	1			
5	63mm x 1"	No.	1			
6	75mm x 1/2"	No.	1			
7	75mm x 3/4"	No.	1			
8	75mm x 1"	No.	1			
9	75mm x 1 1/4"	No.	1			
10	90mm x 3/4"	No.	1			
11	90mm x 1"	No.	1			
12	90mm x 1 1/4"	No.	1			
13	110mm x 1/2"	No.	1			
14	110mm x 3/4"	No.	1			
15	110mm x 1"	No.	1			
16	110mm x 1 1/4"	No.	1			
17	110mm x 1 1/2"	No.	1			
18	110mm x 2"	No.	1			
19	125mm x 3/4"	No.	1			
20	160mm x 1"	No.	1			
21	160mm x 1 1/4"	No.	1			
22	160mm x 1 1/2"	No.	1			
23	160mm x 2"	No.	1			
24	200mm x 1"	No.	1			
25	200mm x 1 1/4"	No.	1			
26	200mm x 1 1/2"	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
27	200mm x 2"	No.	1			
28	250mm x 1"	No.	1			
29	250mm x 1 1/4"	No.	1			
30	250mm x 1 1/2"	No.	1			
31	250mm x 2"	No.	1			
Section P : UPVC Bends Socketed one end PN16						
1	50mm x 11 1/4 ° (degrees)	No.	1			
2	50mm x 22 1/2 °	No.	1			
3	50mm x 45°	No.	1			
4	50mm x 90°	No.	1			
5	63mm x 11 1/4°	No.	1			
6	63mm x 22 1/2°	No.	1			
7	63mm x 45°	No.	1			
8	63mm x 90°	No.	1			
9	75mm x 11 1/4°	No.	1			
10	75mm x 22 1/2°	No.	1			
11	75mm x 45°	No.	1			
12	75mm x 90°	No.	1			
13	90mm x 11 1/4°	No.	1			
14	90mm x 22 1/2°	No.	1			
15	90mm x 45°	No.	1			
16	90mm x 90°	No.	1			
17	110mm x 11 1/4°	No.	1			
18	110mm x 22 1/2°	No.	1			
19	110mm x 45°	No.	1			
20	110mm x 90°	No.	1			
21	125mm x 90°	No.	1			
22	125mm x 11 1/4°	No.	1			
23	125mm x 22 1/2°	No.	1			
24	160mm x 11 1/4°	No.	1			
25	160mm x 22 1/2°	No.	1			
26	160mm x 45°	No.	1			
27	160mm x 90°	No.	1			
28	200mm x 11 1/4°	No.	1			
29	200mm x 22 1/2°	No.	1			
30	200mm x 45°	No.	1			
31	200mm x 90°	No.	1			
32	250mm x 11 1/4°	No.	1			
33	250mm x 22 1/2°	No.	1			
34	250mm x 45°	No.	1			
35	250mm x 90°	No.	1			
36	300mm x 11 1/4°	No.	1			
37	300mm x 22 1/2°	No.	1			
38	300mm x 45°	No.	1			
39	300mm x 90°	No.	1			
Section Q : Polycop Pipe (100m)						
1	15mm	No.	1			
2	22mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	42mm	No.	1			
6	54mm	No.	1			
Section R : HDPE (Poethylene) Pipe PN16 x 100meters						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
Section S : Hydrant Tee Table 16 Iron Fitting (For PVC) Fusion Bonded Epoxy Coated						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	160mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	Fire Hydrant Underground (London "V" threaded)	No.	1			
10	Brass Fire Hydrant Jumper (Plunger)	No.	1			
SECTION T: Full Bore Ball Valves Lever Operated						
1	15mm (F/F)	No.	1			
2	15mm (F/I)	No.	1			
3	20mm (F/F)	No.	1			
4	20mm (F/I)	No.	1			
5	25mm (F/F)	No.	1			
6	25mm (F/I)	No.	1			
7	32mm (F/F)	No.	1			
8	32mm (F/I)	No.	1			
9	40mm (F/F)	No.	1			
10	40mm (F/I)	No.	1			
11	50mm (F/F)	No.	1			
12	50mm (F/I)	No.	1			
Section U : Brass Compression Fittings (Cobra - SABS)						
1	15mm C-C Coupler	No.	1			
2	15mm C-MI Coupler	No.	1			
3	15mm C-FI Coupler	No.	1			
4	15mm C-C Elbow	No.	1			
5	15mm C-MI Elbow	No.	1			
6	15mm C-FI Elbow	No.	1			
7	15mm C-C-C Tee	No.	1			
8	22mm C-C Coupler	No.	1			
9	22mm C-FI Coupler	No.	1			
10	22mm C-MI Coupler	No.	1			
11	22mm C-C Elbow	No.	1			
12	22mm C-MI Elbow	No.	1			
13	22mm C-FI Elbow	No.	1			
14	22mm C-C-C Tee	No.	1			
15	28mm C-C Coupler	No.	1			
16	28mm C-MI Coupler	No.	1			
17	28mm C-FI Coupler	No.	1			
18	28mm C-C Elbow	No.	1			
19	28mm C-MI Elbow	No.	1			
20	28mm C-FI Elbow	No.	1			
21	28mm C-C-C Tee	No.	1			
22	35mm C-C Coupler	No.	1			
23	35mm C-MI Coupler	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
24	35mm C- FI Coupler	No.	1			
25	35mm C-C Elbow	No.	1			
26	35mm C- MI Elbow	No.	1			
27	35mm C-FI Elbow	No.	1			
28	35mm C-C-C Tee	No.	1			
29	42mm C-C Coupler	No.	1			
30	42mm C-MI Coupler	No.	1			
31	42mm C- FI Coupler	No.	1			
32	42mm C- C Elbow	No.	1			
33	42mm C-MI Elbow	No.	1			
34	42mm C-FI Elbow	No.	1			
35	42mm C-C-C Tee	No.	1			
36	54mm C-C Coupler	No.	1			
37	54mm C-MI Coupler	No.	1			
38	54mm C-FI Coupler	No.	1			
39	54mm C-C Elbow	No.	1			
40	54mm C-MI Elbow	No.	1			
41	54mm C- FI Elbow	No.	1			
42	54mm C-C-C Tee	No.	1			
43	PTFE Tape Diana (Thread Tape)	No.	1			
44	22mm x 15mm Reducing Rings Set	No.	1			
45	28mm x 22mm Reducing Rings Set	No.	1			
46	35mm x 28mm Reducing Rings Set	No.	1			
Section U : Brass Compression Fittings (Cobra - SABS)... Cont....						
50	22mm Rings	No.	1			
51	28mm Rings	No.	1			
52	54mm Reducing	No.	1			
53	15mm x 22mm C/C Reducing Coupler	No.	1			
54	22mm x 28mm C/C Reducing Coupler	No.	1			
55	15mm Elbow Wall Plate C x F	No.	1			
56	20mm Elbow Wall Plate C x F	No.	1			
57	15mm Stop End	No.	1			
58	22mm Stop End	No.	1			
59	28mm Stop End	No.	1			
Section V : Copper Tubing – Class 1 (5.5m Length)						
1	15mm Copper Tubing Class 1 (5.5m)	No.	1			
2	22mm Copper Tubing Class 1 (5.5m)	No.	1			
3	28mm Copper Tubing Class 1 (5.5m)	No.	1			
4	35mm Copper Tubing Class 1 (5.5m)	No.	1			
5	42mm Copper Tubing Class 1 (5.5m)	No.	1			
6	54mm Copper Tubing Class 1 (5.5m)	No.	1			
Section X : Cast Iron Short Collar Couplings for AC Pipes (with rubbers)						
1	50mm	No.	1			
2	75mm	No.	1			
3	100mm	No.	1			
4	125mm	No.	1			
5	150mm	No.	1			
Section Y : Rubbers For Cast Iron Short Collar Couplings for AC Pipes						
1	50mm	No.	1			
2	75mm	No.	1			
3	100mm	No.	1			
4	125mm	No.	1			
Section Z : Waterworks: AVK Plain Ended Gate Valves						
1	50mm	No.	1			
2	75mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
3	100mm	No.	1			
4	150mm	No.	1			
5	200mm	No.	1			
6	250mm	No.	1			
7	300mm	No.	1			
Section A.1 : Waterworks: AVK Push Fit Gate Valve (PVC - Pipes)						
1	50mm	No.	1			
2	80mm	No.	1			
3	90mm	No.	1			
4	110mm	No.	1			
5	160mm	No.	1			
6	200mm	No.	1			
7	250mm	No.	1			
8	300mm	No.	1			
Section A.2 : Waterworks: AVK Flanged Gate Valve (Table - 16)						
1	50mm	No.	1			
2	80mm	No.	1			
3	100mm	No.	1			
4	150mm	No.	1			
5	200mm	No.	1			
6	250mm	No.	1			
7	300mm	No.	1			
Section A.4 : Waterworks: AVK Hand Wheels (with Bolt)						
1	50mm Wheel	No.	1			
2	80mm Wheel	No.	1			
3	100mm Wheel	No.	1			
4	150mm Wheel	No.	1			
5	200mm Wheel	No.	1			
6	250/300mm Wheel	No.	1			
7	350/600mm Wheel	No.	1			
Section A.5 : Pressure Reducing Valve (Flanged Both Sides)						
1	50mm	No.	1			
2	75mm	No.	1			
3	100mm	No.	1			
4	125mm	No.	1			
5	150mm	No.	1			
6	200mm	No.	1			
7	250mm	No.	1			
8	300mm	No.	1			
Section A.6 : Spool (Distance) Pieces (Flanged Both Sides) 150mm Long						
1	40mm	No.	1			
2	50mm	No.	1			
3	80mm	No.	1			
4	100mm	No.	1			
5	125mm	No.	1			
6	150mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	300mm	No.	1			
10	350mm	No.	1			
11	400mm	No.	1			
12	500mm	No.	1			
Section A.7 : Fire Hydrant Extension (80mm Flanged - Table 16)						
1	150mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
2	300mm	No.	1			
3	450mm	No.	1			
Section A.8 : UPVC - AC Adaptor PN16						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	125mm	No.	1			
7	160mm	No.	1			
8	200mm	No.	1			
9	250mm	No.	1			
10	315mm	No.	1			
11	355mm	No.	1			
Section A.9 : Repair Coupler UPVC PN16						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	125mm	No.	1			
7	160mm	No.	1			
8	200mm	No.	1			
9	250mm	No.	1			
10	315mm	No.	1			
11	355mm	No.	1			
Section A.10 : Equal Tees UPC PN16						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	160mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	315mm	No.	1			
10	355mm	No.	1			
Section A.11 : Reducing Tees UPVC PN16						
1	63 x 50mm	No.	1			
2	75 x 50mm	No.	1			
3	75 x 63mm	No.	1			
4	90 x 50mm	No.	1			
5	90 x 63mm	No.	1			
6	90 x 75mm	No.	1			
7	110 x 75mm	No.	1			
8	110 x 90mm	No.	1			
9	160 x 75mm	No.	1			
10	160 x 90mm	No.	1			
11	160 x 110mm	No.	1			
12	200 x 160mm	No.	1			
13	250 x 160mm	No.	1			
14	250 x 200mm	No.	1			
15	315 x 200mm	No.	1			
16	315 x 250mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
Section A.12 : Equal Tees Flanged on Branch						
1	50 x 50mm	No.	1			
2	63 x 50mm	No.	1			
3	75 x 50mm	No.	1			
4	90 x 50mm	No.	1			
5	90 x 80mm	No.	1			
6	110 x 50mm	No.	1			
7	110 x 80mm	No.	1			
8	160 x 50mm	No.	1			
9	160 x 80mm	No.	1			
10	160 x 100mm	No.	1			
11	200 x 100mm	No.	1			
12	200 x 150mm	No.	1			
Section A13 : Reducer Female UPC PN16						
1	75mm x 50mm	No.	1			
2	90mm x 75mm	No.	1			
3	110mm x 75mm	No.	1			
4	110mm x 90mm	No.	1			
5	125mm x 110mm	No.	1			
6	160mm x 110mm	No.	1			
7	160mm x 125mm	No.	1			
8	200mm x 160mm	No.	1			
9	250mm x 200mm	No.	1			
10	315mm x 200mm	No.	1			
11	315mm x 250mm	No.	1			
Section A14 : Reducer Male/Female UPVC PN16						
1	75 x 50mm	No.	1			
2	90 x 75mm	No.	1			
3	110 x 75mm	No.	1			
4	110 x 90mm	No.	1			
5	125 x 110mm	No.	1			
6	160 x 110mm	No.	1			
7	160 x 125mm	No.	1			
8	200 x 160mm	No.	1			
9	250 x 200mm	No.	1			
10	315 x 250mm	No.	1			
Section A15 : END Cap UPVC PN16						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	125mm	No.	1			
7	140mm	No.	1			
8	160mm	No.	1			
9	200mm	No.	1			
10	250mm	No.	1			
11	315mm	No.	1			
Section A16 : Flange Adaptor UPVC PN16 Table 16						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	125mm	No.	1			
7	140mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
8	160mm	No.	1			
9	200mm	No.	1			
10	250mm	No.	1			
11	315mm	No.	1			
Section A.17 : Stainless Steel Full Repair Couplings (Cascade)						
1	45mm – 55mm	No.	1			
2	59mm – 67mm	No.	1			
3	69mm – 76mm	No.	1			
4	75mm – 83mm	No.	1			
5	87mm – 93mm	No.	1			
6	95mm – 104mm	No.	1			
7	104mm – 113mm	No.	1			
8	113mm – 120mm	No.	1			
9	121mm – 130mm	No.	1			
10	126mm – 136mm	No.	1			
11	130mm – 142mm	No.	1			
12	150mm – 161mm	No.	1			
13	167mm – 176mm	No.	1			
14	174mm – 183mm	No.	1			
15	179mm – 189mm	No.	1			
16	196mm – 205mm	No.	1			
17	202mm – 212mm	No.	1			
18	218mm – 228mm	No.	1			
19	229mm – 238mm	No.	1			
20	236mm – 245mm	No.	1			
21	248mm – 257mm	No.	1			
22	281mm – 290mm	No.	1			
23	288mm – 298mm	No.	1			
24	304mm – 314mm	No.	1			
25	332mm- 343mm	No.	1			
26	356mm – 365mm	No.	1			
27	500mm - 520mm	No.	1			
28	520mm - 540mm	No.	1			
Section A.18 : Stainless Steel Half Repair Couplings (Cascade)						
1	15mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
Section A.19 : Cast Iron Saddles for AC Pipe						
1	50mm x 3/4"	No.	1			
2	50mm x 1"	No.	1			
3	75mm x 3/4"	No.	1			
4	75mm x 1"	No.	1			
5	75mm x 1 1/2"	No.	1			
6	100mm x 3/4"	No.	1			
7	100mm x 1"	No.	1			
8	100mm x 1 1/2"	No.	1			
9	125mm x 3/4"	No.	1			
10	125mm x 1"	No.	1			
11	125mm x 1 1/2"	No.	1			
12	150mm x 3/4"	No.	1			
13	150mm x 1"	No.	1			
14	150mm x 1 1/2"	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
15	200mm x 3/4"	No.	1			
16	200mm x 1"	No.	1			
17	200mm x 1 1/2"	No.	1			
18	250mm x 1"	No.	1			
19	250mm x 1 1/2"	No.	1			
20	300mm x 1"	No.	1			
21	300mm x 1 1/2"	No.	1			
Section A.20 : Ranger - V.J Coupling (Fusion Bonded Epoxy)						
1	59mm - 72mm	No.	1			
2	72mm - 85mm	No.	1			
3	88mm - 103mm	No.	1			
4	109mm - 128mm	No.	1			
5	138mm - 155mm	No.	1			
6	159mm - 182mm	No.	1			
7	192mm - 209mm	No.	1			
8	218mm - 234mm	No.	1			
9	235mm - 252mm	No.	1			
10	250mm - 267mm	No.	1			
11	272mm - 286mm	No.	1			
12	286mm - 304mm	No.	1			
13	296mm - 304mm	No.	1			
14	315mm - 328mm	No.	1			
15	315mm - 332mm	No.	1			
16	322mm - 348mm	No.	1			
17	334mm - 350mm	No.	1			
18	344mm - 360mm	No.	1			
19	509mm - 523mm	No.	1			
20	518mm - 534mm	No.	1			
Section A.21 : Ranger Flange Adaptors (Fusion Bonded Epoxy)						
1	59 - 72mm	No.	1			
2	75 - 85mm	No.	1			
3	88 - 103mm	No.	1			
4	109 - 128mm	No.	1			
5	159 - 182mm	No.	1			
6	192 - 210mm	No.	1			
7	218 - 235mm	No.	1			
8	250 - 267mm	No.	1			
9	272 - 289mm	No.	1			
10	315 - 332mm	No.	1			
11	322 - 340mm	No.	1			
12	342 - 358mm	No.	1			
13	417 - 437mm	No.	1			
14	509 - 523mm	No.	1			
15	518 - 534	No.	1			
Section A.22 : Ranger Step Couplings (Fusion Bonded Epoxy)						
1	50-65mm	No.	1			
2	80-100mm	No.	1			
3	100-125mm	No.	1			
4	125-150mm	No.	1			
5	150-175mm	No.	1			
6	175-200mm	No.	1			
7	200-200mm	No.	1			
8	250-250mm	No.	1			
9	300 - 300mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
10	350 – 350mm	No.	1			
11	400 – 400mm	No.	1			
12	450 – 450mm	No.	1			
13	500 – 500mm	No.	1			
Section A.23 : Ranger End Caps (Fusion Bonded Epoxy)						
1	59 - 72mm	No.	1			
2	72 - 85mm	No.	1			
3	88 - 103mm	No.	1			
4	109 - 128mm	No.	1			
5	138 - 153mm	No.	1			
6	159 - 182mm	No.	1			
7	192 - 210mm	No.	1			
8	218 - 235mm	No.	1			
9	235 - 252mm	No.	1			
10	250 - 267mm	No.	1			
11	272 - 289mm	No.	1			
12	286 – 304mm	No.	1			
13	315 - 332mm	No.	1			
14	509 – 523mm	No.	1			
15	518 – 534mm	No.	1			
Section A.24 : Shouldered Couplings (Fusion Bonded)						
1	60.3	No.	1			
2	88.9	No.	1			
3	114.3	No.	1			
4	165.1	No.	1			
5	219.1	No.	1			
Section A.25 : Brass Bodied Water Meters (PSM Standard) with Tail Pieces and Washers (KENT)						
1	15mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	40mm	No.	1			
Section A.26 : Plastic						
1	15mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	40mm	No.	1			
Section A.27 : Plastic Bodied Water Meters (KSM Standard) in Plastic Box (KENT)						
1	15mm	No.	1			
2	20mm	No.	1			
52	25mm	No.	1			
52	40mm	No.	1			
Section A.28 : Brass Bodied Water Meter (PSM Standard) in Plastic Box (KENT)						
53	15mm	No.	1			
53	20mm	No.	1			
53	25mm	No.	1			
53	40mm	No.	1			
Section A.29 : Brass Meter Tailpieces with Washers (supplied in Pairs)						
54	15mm	No.	1			
54	20mm	No.	1			
54	25mm	No.	1			
54	40mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
Section A.30 : Plastic Meter Tailpieces with Washers (Supplied in Pairs)						
55	15mm	No.	1			
55	20mm	No.	1			
55	25mm	No.	1			
55	40mm	No.	1			
Section A.31 : Plastic Washers for Brass Tailpieces						
56	15mm	No.	1			
56	20mm	No.	1			
56	25mm	No.	1			
56	40mm	No.	1			
Section A.32 : Plastic Meter Box Oval KENT (Heavy Duty) With Valve						
57	15mm	No.	1			
57	20mm	No.	1			
Section A.33 : Plastic Meter Box Oval KENT (Heavy Duty) Without Valve						
58	15mm	No.	1			
58	20mm	No.	1			
58	40mm	No.	1			
Section A.34 : Plastic Meter Box Economy						
59	15mm	No.	1			
59	20mm	No.	1			
59	40mm	No.	1			
Section A.35 : Bulk Combination Water Meter (KENT) T16						
60	50mm	No.	1			
60	80mm	No.	1			
60	100mm	No.	1			
60	150mm	No.	1			
Section A.36 : Bulk Combination Water Meter (SENSUS) T16						
61	50mm	No.	1			
61	80mm	No.	1			
61	100mm	No.	1			
61	150mm	No.	1			
Section A.37 : Bulk Water Meter (ELSTER KENT) T16						
62	40mm	No.	1			
62	50mm	No.	1			
62	80mm	No.	1			
62	100mm	No.	1			
63	125mm	No.	1			
63	150mm	No.	1			
63	200mm	No.	1			
63	250mm	No.	1			
63	300mm	No.	1			
62	350mm	No.	1			
62	400mm	No.	1			
62	500mm	No.	1			
Section A.38 : Bulk Water Meter (SENSUS) T16						
63	40mm	No.	1			
63	50mm	No.	1			
63	80mm	No.	1			
63	100mm	No.	1			
64	125mm	No.	1			
64	150mm	No.	1			
64	200mm	No.	1			
64	250mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
64	300mm	No.	1			
63	350mm	No.	1			
63	400mm	No.	1			
63	500mm	No.	1			
Section A.39 : Bulk Water Meter Inserts (ELSTER KENT METER)						
64	40mm	No.	1			
64	50mm	No.	1			
64	80mm	No.	1			
64	100mm	No.	1			
65	125mm	No.	1			
65	150mm	No.	1			
65	200mm	No.	1			
65	250mm	No.	1			
65	300mm	No.	1			
64	350mm	No.	1			
64	400mm	No.	1			
64	500mm	No.	1			
Section A.40 : Bulk Water Meter Inserts (Sensus Meter)						
1	40mm	No.	1			
2	50mm	No.	1			
3	80mm	No.	1			
4	100mm	No.	1			
5	125mm	No.	1			
6	150mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	300mm	No.	1			
10	350mm	No.	1			
11	400mm	No.	1			
12	500mm	No.	1			
Section A.41 : Inline Strainer (KENT)						
1	40mm	No.	1			
2	50mm	No.	1			
3	80mm	No.	1			
4	100mm	No.	1			
5	125mm	No.	1			
6	150mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	300mm	No.	1			
10	350mm	No.	1			
11	400mm	No.	1			
12	500mm	No.	1			
Section A.42 : Inline Strainer (SENSUS)						
1	40mm	No.	1			
2	50mm	No.	1			
3	80mm	No.	1			
4	100mm	No.	1			
5	125mm	No.	1			
6	150mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	300mm	No.	1			
10	350mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
11	400mm	No.	1			
12	500mm	No.	1			
Section A.43 : UPVC Class 12 Pipe x 6m (Socketed on One End)						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	125mm	No.	1			
7	150mm	No.	1			
8	200mm	No.	1			
9	250mm	No.	1			
10	315mm	No.	1			
11	355mm	No.	1			
12	400mm	No.	1			
13	450mm	No.	1			
14	500mm	No.	1			
Section A.44 : UPVC Class 16 Pipe x 6m (Socketed on One End)						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	160mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	315mm	No.	1			
10	355mm	No.	1			
11	400mm	No.	1			
12	450mm	No.	1			
13	500mm	No.	1			
Section A.45 : UPVC Class 20 Pipe x 6m (Socketed on One End)						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	160mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	315mm	No.	1			
10	355mm	No.	1			
11	400mm	No.	1			
12	450mm	No.	1			
13	500mm	No.	1			
Section A.46 : UPVC Class 34 Pipe x 6 meters (Socketed on one end) Sewer						
1	110mm	No.	1			
2	160mm	No.	1			
3	200mm	No.	1			
4	250mm	No.	1			
5	315mm	No.	1			
6	355mm	No.	1			
7	400mm	No.	1			
8	450mm	No.	1			
9	500mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
Section A.47 : End Cap Cast Iron Push Fit - Fusion Bonded Epoxy (to fit PVC pipe)						
1	50mm	No.	1			
2	63mm	No.	1			
3	75mm	No.	1			
4	90mm	No.	1			
5	110mm	No.	1			
6	160mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	315mm	No.	1			
10	355mm	No.	1			
11	400mm	No.	1			
12	500mm	No.	1			
Section A.48 : End Cap Cast Iron Plain Ended (to fit AC pipe)						
1	50mm	No.	1			
2	75mm	No.	1			
3	100mm	No.	1			
4	125mm	No.	1			
5	150mm	No.	1			
6	200mm	No.	1			
7	250mm	No.	1			
8	300mm	No.	1			
9	350mm	No.	1			
10	400mm	No.	1			
11	500mm	No.	1			
Section A.49 : Sewer & Drain PVC-U Fittings						
1	Socket Single 110mm CL34	No.	1			
2	Socket Single 160mm CL34	No.	1			
3	Socket Single 200mm CL34	No.	1			
4	Socket Double 110mm CL34	No.	1			
5	Socket Double 160mm CL34	No.	1			
6	Socket Double 200mm CL34	No.	1			
7	Kimberley Socket 110mm CL34	No.	1			
8	Kimberley Socket 160mm CL34	No.	1			
9	Kimberley Socket 200mm CL34	No.	1			
10	Double Solvent Weld Socket 110mm CL34	No.	1			
11	Double Solvent Weld Socket 160mm CL34	No.	1			
12	Double Solvent Weld Socket 200mm CL34	No.	1			
13	Inspection Pipe 110mm CL34	No.	1			
14	Inspection Pipe 160mm CL34	No.	1			
15	Inspection Pipe 200mm CL34	No.	1			
16	Adaptor PVC / EW Female 110mm CL34	No.	1			
17	Adaptor PVC / EW Female 160mm CL34	No.	1			
18	Adaptor PVC / EW Female 200mm CL34	No.	1			
19	Saddle 45° x 110mm x 110mm CL34	No.	1			
20	Saddle 45° x 110mm x 160mm CL34	No.	1			
21	Saddle 45° x 160mm x 160mm CL34	No.	1			
22	Saddle 45° x 110mm x 200mm CL34	No.	1			
23	Saddle 45° x 160mm x 200mm CL34	No.	1			
24	Saddle 45° x 200mm x 200mm CL34	No.	1			
25	Junction 90° Plain 110mm CL34	No.	1			
26	Junction 90° Plain 160mm CL34	No.	1			
27	Junction 90° Plain 200mm CL34	No.	1			
28	Junction 90° Plain 250mm CL34	No.	1			
29	Junction 90° Plain 300mm CL34	No.	1			
30	Junction 90° Plain 350mm CL34	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
31	Junction 90° Plain 400mm CL34	No.	1			
32	Junction 90° Plain 450mm CL34	No.	1			
33	Junction 90° Plain 500mm CL34	No.	1			
34	Junction 45° Plain 110mm CL34	No.	1			
35	Junction 45° Plain 160mm CL34	No.	1			
36	Junction 45° Plain 200mm CL34	No.	1			
37	Junction 45° Plain 250mm CL34	No.	1			
38	Junction 45° Plain 300mm CL34	No.	1			
39	Junction 45° Plain 350mm CL34	No.	1			
40	Junction 45° Plain 400mm CL34	No.	1			
41	Junction 45° Plain	No.	1			
42	Junction 45° Plain 500mm CL34	No.	1			
Section A.49 : Sewer & Drain PVC-U Fittings Cont...						
43	Junction Reducing 45° 160 x 110 CL34	No.	1			
44	Junction Reducing 45° 200 x 160 CL34	No.	1			
45	Junction Reducing 45° 250 x 200 CL34	No.	1			
46	Junction Reducing 45° 300 x 250 CL34	No.	1			
47	Junction Reducing 45° 350 x 300 CL34	No.	1			
48	Junction Reducing 45° 400 x 350 CL34	No.	1			
49	Junction Reducing 45° 450 x 400 CL34	No.	1			
50	Junction Reducing 45° 500 x 450 CL34	No.	1			
51	Bend 90° Plain 110mm CL34	No.	1			
52	Bend 90° Plain 160mm CL34	No.	1			
53	Bend 90° Plain 200mm CL34	No.	1			
54	Bend 90° Plain 250mm CL34	No.	1			
55	Bend 90° Plain 300mm CL34	No.	1			
56	Bend 90° Plain 350mm CL34	No.	1			
57	Bend 90° Plain 400mm CL34	No.	1			
58	Bend 90° Plain 450mm CL34	No.	1			
59	Bend 90° Plain 500mm CL34	No.	1			
60	Bend 45° Plain 110mm CL34	No.	1			
61	Bend 45° Plain 160mm CL34	No.	1			
62	Bend 45° Plain 200mm CL34	No.	1			
63	Bend 45° Plain 250mm CL34	No.	1			
64	Bend 45° Plain 300mm CL34	No.	1			
65	Bend 45° Plain 350mm CL34	No.	1			
66	Bend 45° Plain 400mm CL34	No.	1			
67	Bend 45° Plain 450mm CL34	No.	1			
68	Bend 45° Plain 500mm CL34	No.	1			
69	Bend 22½° Plain 110mm CL34	No.	1			
70	Bend 22½° Plain 160mm CL34	No.	1			
71	Bend 22½° Plain 200mm CL34	No.	1			
72	Bend 22½° Plain 250mm CL34	No.	1			
73	Bend 22½° Plain 300mm CL34	No.	1			
74	Bend 22½° Plain 350mm CL34	No.	1			
75	Bend 22½° Plain 400mm CL34	No.	1			
76	Bend 22½° Plain 450mm CL34	No.	1			
77	Bend 22½° Plain 500mm CL34	No.	1			
78	Bend 11¼° Plain 110mm CL34	No.	1			
79	Bend 11¼° Plain 160mm CL34	No.	1			
80	Bend 11¼° Plain 200mm CL34	No.	1			
81	Bend 11¼° Plain 250mm CL34	No.	1			
82	Bend 11¼° Plain 300mm CL34	No.	1			
83	Bend 11¼° Plain 350mm CL34	No.	1			
84	Bend 11¼° Plain 400mm CL34	No.	1			
85	Bend 11¼° Plain 450mm CL34	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
86	Bend 11¼" Plain 500mm CL34	No.	1			
87	Gully "P" Trap 110mm	No.	1			
88	Gully Head & Grate 150mm	No.	1			
89	Gully Grate 190mm	No.	1			
90	Stop End Plain Female 110mm	No.	1			
91	Stop End Plain Male 110mm	No.	1			
92	Stop End Plain Access 110mm	No.	1			
93	Rodding Eye 90° 110mm	No.	1			
Section A.50 : Soil & Vent PVC Fittings						
1	Waste Pipe PVC 40mm x 6m	No.	1			
2	Waste Pipe PVC 50MM X 6M	No.	1			
3	Bend 90° Plain 40mm	No.	1			
4	Bend 45° Plain 40mm	No.	1			
5	Bend 90° IE 40mm	No.	1			
6	Bend 45° IE 40mm	No.	1			
7	Bend 90° Plain 50mm	No.	1			
8	Bend 45° Plain 50mm	No.	1			
9	Bend 90° IE 50mm	No.	1			
10	Bend 45° IE 50mm	No.	1			
11	Junction Plain 40mm	No.	1			
12	Junction IE 40mm	No.	1			
13	Junction Plain 50mm	No.	1			
14	Junction IE 50MM	No.	1			
15	Strap On Boss 50mm	No.	1			
16	Holder Bat & Nail-in 40mm	No.	1			
17	Holder Bat & Nail-in 50mm	No.	1			
18	Socket 40 mm	No.	1			
19	Socket 50mm	No.	1			
20	Stop End 40mm	No.	1			
21	Stop End 50mm	No.	1			
22	Socket Reducer 40 x 50mm	No.	1			
23	Two Way Vent Valve 50mm	No.	1			
24	One Way Vent Valve 50mm	No.	1			
25	Air Vent Cowl 50mm	No.	1			
Section A.51 : Soil & Vent PVC Fittings Cont....						
26	Straight Pan Collar 110mm	No.	1			
27	Pan Connector Offset 110mm	No.	1			
28	Pan Collar Straight Rubber Socket 110mm	No.	1			
29	Kwikpan Connector 110mm	No.	1			
30	Overflow Gulley Head 110mm	No.	1			
31	Stop End Access 110mm	No.	1			
32	Stop End Male 110mm	No.	1			
33	Eccentric Reducer 110 x 50mm	No.	1			
34	Two Way Vent Valve 110mm	No.	1			
35	Air Vent Cowl 110mm	No.	1			
36	Pan Connector Access Heel 90° 110mm	No.	1			
37	Pan Connector Bend 90° 110mm	No.	1			
38	Junction Reducing Single Plain 90° 110mm x 50mm	No.	1			
39	Junction Reducing Single Heel 90° 110mm x 50mm	No.	1			
40	Junction Double Reducing Plain 90° 110mm x 50mm	No.	1			
41	Junction Double Reducing Access 90° 110mm x 50mm	No.	1			
42	Junction Single Plain 90° 110 x 110mm	No.	1			
43	Junction Single Inspection Eye Heel 90° 110mm	No.	1			
44	Junction Single Plain 45° 110 x 110mm	No.	1			
45	Junction Single Access 45° 110mm x 110mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
46	Flexible White Waste "S" Trap 40mm	No.	1			
47	Flexible White Waste "S" Trap 50mm	No.	1			
48	Standard Clip Adaptor 40mm	No.	1			
49	Standard Clip Adaptor 50mm	No.	1			
50	Toilet Wax Pan Seal Ring	No.	1			
51	PVC Solvent Cement (Non Pressure)	No.	1			
52	PVC Pressure Solvent Cement	No.	1			
53	Holder Bats 40mm	No.	1			
54	Holder Bats 50mm	No.	1			
55	Cistern PVC White Complete	No.	1			
56	Toilet Seat PVC H/D	No.	1			
57	Toilet Pan White Porcelain	No.	1			
58	Wash Trough 40L with Galvanised Brackets and Raw Bolts	No.	1			
Section A.52 : TAPS						
1	Bib Tap Hose Plastic Brown 15mm X 1/2"	No.	1			
2	Bib Tap Hose Plastic Brown 15mm X 3/4"	No.	1			
3	Bib tap Brass Hose H/P 20mm X 3/4"	No.	1			
4	Bib Tap Brass Hose H/P 15mm X 1/2"	No.	1			
5	Bib Tap Brass Hose H/P 15mm X 3/4"	No.	1			
6	15mm Tap Washers	No.	1			
7	20mm Tap Washers	No.	1			
8	15mm Brass Tap Jumper & Washer	No.	1			
9	20mm Brass Tap Jumper & Washer	No.	1			
Section A.53 : Wall Plate (Plastic)						
1	15mm	No.	1			
2	20mm	No.	1			
Section A.54 : Wall Plate (Brass)						
1	15mm	No.	1			
2	20mm	No.	1			
Section A.55 : 90° Elbow - Solvent Weld (both sides)						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
11	125mm	No.	1			
12	140mm	No.	1			
13	160mm	No.	1			
14	200mm	No.	1			
15	250mm	No.	1			
16	300mm	No.	1			
Section A.56 : 45° Elbow - Solvent Weld (both sides)						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
6	50mm	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
11	125mm	No.	1			
12	140mm	No.	1			
13	160mm	No.	1			
14	200mm	No.	1			
15	250mm	No.	1			
16	300mm	No.	1			
Section A.57 : TEE Equal - Solvent Weld						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	75mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
11	125mm	No.	1			
12	140mm	No.	1			
13	160mm	No.	1			
14	200mm	No.	1			
15	250mm	No.	1			
16	300mm	No.	1			
Section A.58 : Double Union Ball valve Solvent Weld						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	80mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
11	160mm	No.	1			
12	200	No.	1			
13	250mm	No.	1			
14	300mm	No.	1			
Section A.59 : Double Union Solvent Weld						
1	16mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	63mm	No.	1			
8	80mm	No.	1			
9	90mm	No.	1			
10	110mm	No.	1			
11	160mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
12	200mm	No.	1			
13	250mm	No.	1			
14	300mm	No.	1			
Section A.60 : Air Valve - Single Orifice Plastic (Threaded)						
1	15mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
4	32mm	No.	1			
Section A.61 : Air Valve - Anti Shock Air Release & Vacuum Breaker (water)						
1	50mm	No.	1			
2	80mm	No.	1			
3	100mm	No.	1			
4	150mm	No.	1			
5	200mm	No.	1			
6	250mm	No.	1			
7	300mm	No.	1			
8	350mm	No.	1			
9	400mm	No.	1			
10	450mm	No.	1			
11	500mm	No.	1			
Section A.62 : Air Valve - Sewage anti shock air release & vacuum breaker						
1	50mm	No.	1			
2	80mm	No.	1			
3	100mm	No.	1			
4	150mm	No.	1			
5	200mm	No.	1			
6	250mm	No.	1			
7	300mm	No.	1			
8	350mm	No.	1			
9	400mm	No.	1			
10	450mm	No.	1			
11	500mm	No.	1			
Section A.63 : Reducing Bushes - Galvanized (MF)						
1	20mm x 15mm	No.	1			
2	25mm x 15mm	No.	1			
3	25mm x 20mm	No.	1			
4	32mm x 15mm	No.	1			
5	32mm x 20mm	No.	1			
6	32mm x 25mm	No.	1			
7	40mm x 20mm	No.	1			
8	40mm x 25mm	No.	1			
9	40mm x 32mm	No.	1			
10	50mm x 20mm	No.	1			
11	50mm x 25mm	No.	1			
12	50mm x 32mm	No.	1			
13	50mm x 40mm	No.	1			
14	80mm x 50mm	No.	1			
15	100mm x 50mm	No.	1			
16	100mm x 80mm	No.	1			
Section A.64 : Hollow Plugs (galvanized)						
1	15mm	No.	1			
2	20mm	No.	1			
3	25mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
4	32mm	No.	1			
5	40mm	No.	1			
6	50mm	No.	1			
7	65mm	No.	1			
8	80mm	No.	1			
9	100mm	No.	1			
Section A.65 : Flanges - Bossed (Table - 16) Steel						
1	50mm	No.	1			
2	65mm	No.	1			
3	80mm	No.	1			
4	100mm	No.	1			
5	125mm	No.	1			
6	150mm	No.	1			
7	200mm	No.	1			
8	250mm	No.	1			
9	300mm	No.	1			
Section A.66 : Strainers - Flanged Type (Bulk water meter) T16						
1	50mm	No.	1			
2	80mm	No.	1			
3	100mm	No.	1			
4	125mm	No.	1			
5	150mm	No.	1			
6	200mm	No.	1			
7	250mm	No.	1			
8	300mm	No.	1			
9	350mm	No.	1			
10	400mm	No.	1			
11	450mm	No.	1			
12	500mm	No.	1			
Section A.67 : Ball Check Non Return Valve T16						
1	50mm	No.	1			
2	80mm	No.	1			
3	100mm	No.	1			
4	125mm	No.	1			
5	150mm	No.	1			
6	200mm	No.	1			
7	250mm	No.	1			
8	300mm	No.	1			
9	350mm	No.	1			
10	400mm	No.	1			
11	450mm	No.	1			
12	500mm	No.	1			
Section A.68 : Swing Check Non Return Valve T16 (with Lever)						
1	50mm	No.	1			
2	80mm	No.	1			
3	100mm	No.	1			
4	150mm	No.	1			
5	200mm	No.	1			
6	250mm	No.	1			
7	300mm	No.	1			
8	350mm	No.	1			
9	400mm	No.	1			
10	450mm	No.	1			
11	500mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
Section A.69 : Butterfly Valve PN16 Loose Liner (with Alu Gear)						
1	50mm	No.	1			
2	80mm	No.	1			
3	100mm	No.	1			
4	150mm	No.	1			
5	200mm	No.	1			
6	250mm	No.	1			
7	300mm	No.	1			
8	350mm	No.	1			
9	400mm	No.	1			
10	450mm	No.	1			
11	500mm	No.	1			
Section A.70 : Brass Screwed Foot-valves Female						
1	25mm	No.	1			
2	32mm	No.	1			
3	40mm	No.	1			
4	50mm	No.	1			
5	65mm	No.	1			
6	80mm	No.	1			
7	100mm	No.	1			
8	150mm	No.	1			
9	200mm	No.	1			
10	250mm	No.	1			
11	300mm	No.	1			
Section A.71 : Polymer Manhole Covers						
1	Circular Manhole Cover (HD) Type 2A	No.	1			
2	Circular Manhole Frame (HD) Type 2A	No.	1			
3	Circular Manhole Cover (MD) Type 4A	No.	1			
4	Circular Manhole Frame (MD) Type 4A	No.	1			
5	Rectangular Manhole Frame (600 x 450) LD Type 9C	No.	1			
6	Rectangular Manhole Cover (600 x 450) LD Type 9C	No.	1			
7	Rectangular Manhole Frame (600 x 450) MD Type 9D	No.	1			
8	Rectangular Manhole Cover (600 x 450) MD Type 9D	No.	1			
9	Rectangular Manhole Frame (900 x 600) LD Type 9E	No.	1			
10	Rectangular Manhole Cover (900 x 600) LD Type 9E	No.	1			
11	Square Manhole Frame (900 x 900) (LD)	No.	1			
12	Square Manhole Cover (900 x 900) (LD)	No.	1			
13	Rectangular Hydrant Box (MD) Type 5	No.	1			
14	Rectangular Valve Box (MD) Type 5	No.	1			
15	Water Meter (MD) Type AVM	No.	1			
16	Valve Box - Type 3A	No.	1			
Section A.72 : Ductile iron (D.I.) Manhole Covers & Frames						
1	Circular Manhole Cover (HD) Type 2A	No.	1			
2	Circular Manhole Frame (HD) Type 2A	No.	1			
3	Circular Manhole Cover (MD) Type 4A	No.	1			
4	Circular Manhole Frame (MD) Type 4A	No.	1			
5	Rectangular Manhole Frame (600 x 450) LD Type 9C	No.	1			
6	Rectangular Manhole Cover (600 x 450) LD Type 9C	No.	1			
7	Rectangular Manhole Frame (600 x 450) MD Type 9D	No.	1			
8	Rectangular Manhole Cover (600 x 450) MD Type 9D	No.	1			
9	Rectangular Manhole Frame (900 x 600) LD Type 9E	No.	1			
10	Rectangular Manhole Cover (900 x 600) LD Type 9E	No.	1			
11	Square Manhole Cover (900 x 900) LD	No.	1			
12	Square Manhole Frame (900 x 900) LD	No.	1			
13	Valve Box (380 x 305) HD	No.	1			
14	Hydrant Box (380 x 305) HD	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
Section A.73 : Ductile Iron Fittings For PVC- fusion bonded epoxy coated						
1	Flange Adaptor T16 50mm	No.	1			
2	Flange Adaptor T16 63mm	No.	1			
3	Flange Adaptor T16 75mm	No.	1			
4	Flange Adaptor T16 90mm	No.	1			
5	Flange Adaptor T16 110mm	No.	1			
6	Flange Adaptor T16 160mm	No.	1			
7	Flange Adaptor T16 200mm	No.	1			
8	Flange Adaptor T16 250mm	No.	1			
9	Flange Adaptor T16 315mm	No.	1			
10	Flange Adaptor T16 355mm	No.	1			
11	Equal Tee 50mm	No.	1			
12	Equal Tee 63mm	No.	1			
13	Equal Tee 75mm	No.	1			
14	Equal Tee 90mm	No.	1			
15	Equal Tee 110mm	No.	1			
16	Equal Tee 160mm	No.	1			
17	Equal Tee 200mm	No.	1			
18	Equal Tee 250mm	No.	1			
19	Equal Tee 315mm	No.	1			
20	Equal Tee 355mm	No.	1			
21	Reducing Tee 75 - 50	No.	1			
22	Reducing Tee 75 - 63	No.	1			
23	Reducing Tee 90 - 63	No.	1			
24	Reducing Tee 90 - 75	No.	1			
25	Reducing Tee 110 - 63	No.	1			
26	Reducing Tee 110 - 75	No.	1			
27	Reducing Tee 110 - 90	No.	1			
28	Reducing Tee 160 - 90	No.	1			
29	Reducing Tee 160 - 110	No.	1			
30	Reducing Tee 200 - 90	No.	1			
31	Reducing Tee 200 - 110	No.	1			
32	Reducing Tee 200 - 160	No.	1			
33	Reducing Tee 250 - 160	No.	1			
34	Reducing Tee 250 - 200	No.	1			
35	Reducing Tee 315 - 250	No.	1			
36	Reducing Tee 355 - 315	No.	1			
37	Scour Tee T16 50mm	No.	1			
38	Scour Tee T16 63mm	No.	1			
39	Scour Tee T16 75mm	No.	1			
40	Scour Tee T16 90mm	No.	1			
Section A.73 : Ductile Iron Fittings For PVC- fusion bonded epoxy coated Cont....						
41	Scour Tee T16 110mm	No.	1			
42	Scour Tee T16 160mm	No.	1			
43	Scour Tee T16 200mm	No.	1			
44	Scour Tee T16 250mm	No.	1			
45	Scour Tee T16 315mm	No.	1			
46	Scour Tee T16 355mm	No.	1			
47	End Cap 50mm	No.	1			
48	End Cap 63mm	No.	1			
49	End Cap 75mm	No.	1			
50	End Cap 90mm	No.	1			
51	End Cap 110mm	No.	1			
52	End Cap 160mm	No.	1			
53	End Cap 200mm	No.	1			
54	End Cap 250mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
55	End Cap 315mm	No.	1			
56	End Cap 355mm	No.	1			
57	Reducing Socket 50 – 63mm	No.	1			
58	Reducing Socket 50 – 75mm	No.	1			
59	Reducing Socket 63 – 75mm	No.	1			
60	90 – 63mm	No.	1			
61	Reducing Socket 90 – 75mm	No.	1			
62	Reducing Socket 110 – 75mm	No.	1			
63	Reducing Socket 110 - 90	No.	1			
64	Reducing Socket 160 – 110mm	No.	1			
65	Reducing Socket 200 – 110mm	No.	1			
66	Reducing Socket 200 – 160mm	No.	1			
67	Reducing Socket 250 – 160mm	No.	1			
68	Reducing Socket 250 – 200mm	No.	1			
69	Reducing Socket 315 200mm	No.	1			
70	Reducing Tee 315 – 250mm	No.	1			
71	Reducing Tee 355 – 250mm	No.	1			
72	Reducing Tee 355 – 315mm	No.	1			
73	Bend 90° x 50mm	No.	1			
74	Bend 90° x 63mm	No.	1			
75	Bend 90° x 75mm	No.	1			
76	Bend 90° x 90mm	No.	1			
77	Bend 90° x 110mm	No.	1			
78	Bend 90° x 160mm	No.	1			
79	Bend 90° x 200mm	No.	1			
80	Bend 90° x 250mm	No.	1			
81	Bend 90° x 315mm	No.	1			
82	Bend 90° x 355mm	No.	1			
83	Bend 45° x 50mm	No.	1			
84	Bend 45° x 63mm	No.	1			
85	Bend 45° x 75mm	No.	1			
86	Bend 45° x 90mm	No.	1			
87	Bend 45° x 110mm	No.	1			
88	Bend 45° x 160mm	No.	1			
89	Bend 45° x 200mm	No.	1			
90	Bend 45° x 250mm	No.	1			
91	Bend 45° x 315mm	No.	1			
92	Bend 45° x 355mm	No.	1			
93	Bend 22½° x 50mm	No.	1			
94	Bend 22½° x 63mm	No.	1			
95	Bend 22½° x 75mm	No.	1			
96	Bend 22½° x 90mm	No.	1			
97	Bend 22½° x 110mm	No.	1			
98	Bend 22½° x 160mm	No.	1			
99	Bend 22½° x 200mm	No.	1			
100	Bend 22½° x 250mm	No.	1			
101	Bend 22½° x 315mm	No.	1			
102	Bend 22½° x 355mm	No.	1			
103	Bend 11¼° x 50mm	No.	1			
104	Bend 11¼° x 63mm	No.	1			
105	Bend 11¼° x 75mm	No.	1			
106	Bend 11¼° x 90mm	No.	1			
107	Bend 11¼° x 110mm	No.	1			
108	Bend 11¼° x 160mm	No.	1			
109	Bend 11¼° x 200mm	No.	1			
110	Bend 11¼° x 250mm	No.	1			
111	Bend 11¼° x 315mm	No.	1			
TOTAL CARRIED FORWARD						

BILL 4 : SUPPLY AND DELIVERY OF WATER RETICULATION MATERIAL						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
112	Bend 11¼" x 355mm	No.	1			
Section A.74 : Perforated Subsoil Drain Pipe – 15mm Round Holes						
1	110mm x 6m (with black couplings)	No.	1			
2	160mm x 6m (with black couplings)	No.	1			
3	Bidim 1.5m x 150m	No.	1			
Section A.75 : Vertical						
1	5000 Litre Tank	No.	1			
2	10000 Litre Tank	No.	1			
Section A.76 : Horizontal Water Tanks for Transporting						
1	1000 Litre Tank	No.	1			
2	2500 Litre Tank	No.	1			
Section A.77 : Stainless Steel Bolts, Nuts & Washers						
1	M10 x 50mm Bolts	No.	1			
2	M10 x 75mm Bolts	No.	1			
3	M10 x 100mm Bolts	No.	1			
4	M10 Nuts	No.	1			
5	M10 Washers	No.	1			
6	M12 x 50mm Bolts	No.	1			
7	M12 x 75mm Bolts	No.	1			
8	M12 x 100mm Bolts	No.	1			
9	M12 Nuts	No.	1			
10	M12 Washers	No.	1			
11	M16 x 50mm Bolts	No.	1			
12	M16 x 75mm Bolts	No.	1			
13	M16 x 100mm Bolts	No.	1			
14	M16 Nuts	No.	1			
15	M16 Washers	No.	1			
16	M20 x 50mm Bolts	No.	1			
17	M20 x 75mm Bolts	No.	1			
18	M20 x 100mm Bolts	No.	1			
19	M20 Nuts	No.	1			
20	M20 Washers	No.	1			
21	M24 x 50mm Bolts	No.	1			
22	M24 x 75mm Bolts	No.	1			
23	M24 x 100mm Bolts	No.	1			
24	M24 Nuts	No.	1			
25	M24 Washers	No.	1			
26	Denso Tape 75mm x 1m	No.	1			
27	Denso Tape 100mm x 1m	No.	1			
28	Denso Tape 150mm x 1m	No.	1			
29	Rubber Insertion 2mm x	No.	1			
30	Rubber Insertion 3mm x 1m x 1m	No.	1			
31	Rubber Insertion 6mm x 1m x 1m	No.	1			
Section A.78 : Concrete Manhole Rings and Slabs						
1	Concrete Ring 1000mm x 500mm	No.	1			
2	Concrete Ring 1000mm x 1000mm	No.	1			
3	Concrete Slab HD	No.	1			
4	Concrete Cover (Lid) 560 HD	No.	1			
5	Bitumen Sealer 5L	No.	1			
Section A.79 : Precast Concrete Toilet (connected to waterborne sewer system)						
1	Precast Concrete Toilet Unit Fitted with Stainless Steel Door, Bolt On Concrete Wash Basin, PVC Cistern with Mechanism, Porcelain Toilet Pan White with Toilet Seat White and Water Piping and Fittings.	No.	1			
TOTAL BILL 4 CARRIED SUMMARY						

BILL 5: SUPPLY AND DELIVERY OF CONSTRUCTION MATERIAL FOR REPAIRING DAMAGED HOUSES						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
All equipment to be SABS certified and comply to Local content specification				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
SECTION A: STRUCTURAL BUILDING						
A.1	CONCRETE					
	Reinforced Cement Concrete (25MPa) In					
1	Cast strip concrete slab on waterproofing sheeting.	m ³	1			
2	Cast footings	m ³	1			
3	Floor Slab	m ³	1			
4	50kg CEM I and II Bags	No.	1			
5	13mm Course Agreegate	t	1			
6	5mm Graded Building Sand	t	1			
6	Plaster Sand	t	1			
A.2	BUILDING MATERIALS					
	High tensile steel bar reinforcement for structural concrete work					
1	High tensile steel (Y12)	t	1			
2	75 mm wide brickforce reinforcement (20m/roll): 2.2 mm 25 mm Galvanized bracing strap	rolls	1			
3	375 micron brickgrip DPC (150 mm wide): Consol plastics or similar (150 mm x 40 m / roll)	m	1			
4	HARDWOOD doorframe: 90 x 45 mm NO SILL	No.	1			
5	External HARDWOOD 813 mm doorframe (90 x 45 mm) open in	No.	1			
6	PD1 Open back, braced (CODE: PD1/OB/BR) Full Exterior Door by SWARTLAND: Size: 813 x 2032	No.	1			
7	Masonite hollow core flush door (813 x 2032 mm) Plastic key tag	No.	1			
8	75 mm two lever "DCLSA" or similar approved upright mortice lockset with chrome plated finish	No.	1			
9	75 mm three lever "DCLSA" or similar aproved upright mortice lockset with chrome plated finish	No.	1			
10	DURAM: WOODSEAL for external doors & door frames: (5 litre pack size): Colours: Meranti	No.	1			
11	DURAM: FLEXIWALL for external walls: (20 litre pack size): Colours as indicated below:					
	- Kalahari Dusk	No.	1			
	- Sand Storm	No.	1			
	- Sundial	No.	1			
12	DURAM: FLEXICOTE for numbering: (5 litre pack size): Colour: Black	No.	1			
13	DURAM HIGH HIDING or similar approved Acrylic PVA paint for ceilings,	No.	1			
14	DURAM NUGLO ENAMEL or similar approved (20 litre pack size): Colour:	No.	1			
15	10 mm NUTEC fascia boards:					
	- 150 x 3600 mm	No.	1			
	- 10 x 150 mm PVC H-strip fascia joiner	No.	1			
16	80 x 200 mm NUTEC Barge Boards: 3 m lengths	No.	1			
17	80 x 200 mm Barge board joiners	No.	1			
18	Sawn softwood Grade 5					
	- 38 x 38 mm brandering: 3.0 m lengths	No.	1			
	- 38 x 38 mm brandering: 3.6 m lengths	No.	1			
TOTAL CARRIED FORWARD						

BILL 5: SUPPLY AND DELIVERY OF CONSTRUCTION MATERIAL FOR REPAIRING DAMAGED HOUSES						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
All equipment to be SABS certified and comply to Local content specification				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
	BROUGHT FORWARD					
19	H-type PVC ceiling board jointing strips					
	- 4 mm x 3.0 m in length	No.	1			
	- 4 mm x 3.6 m in length	No.	1			
20	4.0 mm EVERITE NUTEC ceiling board					
	- 0.9 x 3.0 m sheets	No.	1			
	- 1.2 x 3.0 m sheets	No.	1			
21	75 mm Cove polystyrene cornice (3m lengths)	No.	1			
A.2	BUILDING MATERIALS Cont....					
22	Creosote for rafter treatment (5l packs)	No.	1			
23	SISALATION Residential HF2 or similar approved (1.25 m x 40 m	rolls	1			
24	ALCOLIN: Contractors Acrylic: WHITE paintable sealant / filler / adhesive for cornices: 260 ml packs	No.	1			
25	ALCOLIN Silicone sealant: Mould resistant for baths & basins: 300 ml packs: Colour: CLEAR	No.	1			
26	Pine coverstrip: 10 x 44 mm x 3 m lengths	No.	1			
27	Cement Airbricks with mesh:	No.	1			
28	75 x 100 mm Brass plated hinges with screws (in pairs)	pairs	1			
29	Fasteners & General Items:					
	- 3 inch wire nails	kg	1			
	- 8 x 30 mm chipboard screw (for Doors)	No.	1			
	- 32 mm Claddit Nail	kg	1			
	- 65 mm SAFETOP cap & nail (for Bargeboards)	No.	1			
	- 6 mm Nylon wall plugs (for Kitchen wallplate)	No.	1			
	- 6 x 40 mm chipboard screw (for Kitchen wallplate)	No.	1			
	- 8 mm vendor washers	No.	1			
	- 8 mm Nylon wall plugs	No.	1			
	- 6 x 60 mm coach screw	No.	1			
	- Turpentine (5 litre packs)	No.	1			
	- Crackfiller: Polyfill or similar: 10 kg packs	No.	1			
30	Sandpaper as specified below:					
	- 80 grid: 1 m x 300 mm wide rolls	No.	1			
	- 100 grid: 1 m x 300 mm wide rolls	No.	1			
31	Masonry drill bits of size listed below:					
	- 6 mm diameter	No.	1			
	- 8 mm diameter	No.	1			
32	Pre-stressed concrete lintols for hollow blocks as specified below:					
	- 140 wide X 90 mm high X 1.30 m long (Concrete yeAfrica or similar	No.	1			
A.3	BRICKS					
1	140mm Thick Cement Maxi Bricks (290x140x90)	No	1			
2	140mm Thick Cement Maxi Bricks (290x90x90)	No	1			
2	Standard cement stock bricks	/1000	1			
A.4	TILES					
1	Kitchen and living area tiles (Ambra Grey Matt Ceramic Floor Tile - 350 x 350mm)	m ²	1			
2	Bathroom area tiles (Ceramic Floor Tile - 350 x 350mm)	m ²	1			
	TOTAL CARRIED FORWARD					

BILL 5: SUPPLY AND DELIVERY OF CONSTRUCTION MATERIAL FOR REPAIRING DAMAGED HOUSES						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
All equipment to be SABS certified and comply to Local content specification				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
	BROUGHT FORWARD					
SECTION B: PLUMBING						
B.1	uPVC					
	Polypropylene / "fusion" fittings					
	- 15 mm Ø equal tee	No	1			
	- 15 mm Ø x 90° Elbow	No	1			
	- 15 mm Ø x ½" Female Straight Adaptor (cistern/bath/basin)	No	1			
	- 15 mm Ø holder bats	No	1			
	- 15 mm Ø x ½" wallplate (kitchen sink tap)	No	1			
	- 15 mm Ø x stopcock	No	1			
	- 15 mm Ø x straight coupler	No	1			
	Waste unions & plugs					
	- 32 mm slotted basin waste union plug	No	1			
	- 40 mm slotted bath waste union plug	No	1			
	- Bath chain and stay	No	1			
	- 40 mm bath waste fitting	No	1			
	Traps, taps, valves etc.					
	- 40 mm White PVC P trap: Code - PWBAT (kitchen sink)	No	1			
	- 32 mm White PVC P trap: Code - PWBAT for bath basins	No	1			
	- 40 - 40 mm Butyl rubber deep seal P trap (kitchen sink)	No	1			
	- 40 - 40 mm Butyl rubber "giraffe" with overflow trap (for bath)	No	1			
	- 15 mm WALL MOUNTED TAP for kitchen basin "Colourtaps" or similar approved: Colour: BROWN	No	1			
	- 15 mm PLAIN PILLARTAP for bathroom basin & bath "Colourtaps" or similar approved: Colour: WHITE	No	1			
	Sanitary fittings					
	- KS white kitchen suit 800 x 435 x 140 mm injection moulded polypropylene by "Colourtaps" or similar approved complete with fitments	No	1			
	- White hand basin 480 x 390 x 125 mm injection moulded polypropylene by "Colourtaps" or similar approved complete with fitments	No	1			
	- Ceramic low level toilet pan	No	1			
	- Elf PVC cistern	No	1			
	- Dutton Plastics: economy toilet seat complete with fitments	No	1			
	- White "Chanel" 1700 x 700mm bath with handles complete	No	1			
	General					
	- PVC solvent (500 ml packs)	No	1			
	- PTFE thread tape rolls	No.	1			
	- Cement gulleys	No.	1			
	Erf connections					
	- 15 mm PVC ball valve: Rated PN16	No.	1			
	- 15 mm x ½" Conex male straight adaptor	No.	1			
	- 15 mm x ¾" Conex male straight adaptor	No.	1			
	- 20 mm x ½" Plasson or similar approved male adaptor	No.	1			
	- 20 mm x ¾" Plasson or similar approved male adaptor	No.	1			
B.2	TAPS, VALVES, ETC					
1	Elegant Oval Handle Polished Chrome Kitchen Wall Mixer	Each	1			
B.3	KITCHEN SINK					
1	Cam Africa Drop In SEB Excluding 40mm (915 x 460)	Each	1			
B.4	GEYSER					
1	Geyser Electrical kwikot 200L	Each	1			
1	Geyser Electrical kwikot 100L	Each	1			
1	Geyser Electrical kwikot 50L	Each	1			
B.5	SHOWER					
1	Complete Shower Kit consisting of pivot shower door, water mixers and a shower base	Each	1			
2	Boxed Basin and pedestal	Each	1			
B.5	TOILETS					
1	Couple close top flush suite	Each	1			
	TOTAL CARRIED FORWARD					

BILL 5: SUPPLY AND DELIVERY OF CONSTRUCTION MATERIAL FOR REPAIRING DAMAGED HOUSES						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
All equipment to be SABS certified and comply to Local content specification				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
	BROUGHT FORWARD					
SECTION C: PAINTWORK						
C1	PAINTING ON WALLS					
1	Internal wall paint	20 L Drum	1			
RHINOLITE (Primers, Sealers and Undercoats)						
2	Rhinoseal water borne - fine particle bonding liquid	20 L Drum	1			
TOP COATS (ACRYLIC)						
3	Essensual luxury sheen wall paint	20 L Drum	1			
TOP COATS (ENAMEL)						
4	Endura coat ultra Tough Non-Drip Polyurethane Enamel	20 L Drum	1			
SECTION D: MARK-UP RATES						
	Percentage mark-up on rates listed on term contracts	%				
	Percentage mark-up on items (with attached invoices) approved by the Employer or his representative for materials, (other than those set out in this list) used in execution of work ordered by the Employer	%	1			
	Dump Trucks 10 – 15 m ³	h	1			
Tip Trucks						
	(a) 6 m ³	h	1			
	(b) 10 m ³	h	1			
Flat Bed Trucks						
	(a) 5t	km	1			
	(b) 7t	km	1			
LDV						
	(a) 2 x 4WD	km	1			
	(b) 4 x 4WD	km	1			
TOTAL BILL 5 CARRIED SUMMARY						

BILL 6 : PUMPS						
ITEM NO	DESCRIPTION	UNIT	RATE	RATE	RATE	RATE
			Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)	
	Supply and deliver the following Multistage clear water Pumpsets, motor and base pumps. Complete with Pump motor controls, protection					
	Capacity(KW)	flow (L/S)				
1	2 KW	3 L/S	Each			
2	3 KW	4 L/S	Each			
3	5 KW	8 L/S	Each			
4	7 KW	12 L/S	Each			
5	10 KW	16 L/S	Each			
6	14 KW	24 L/S	Each			
7	19 KW	33 L/S	Each			
8	24 KW	40 L/S	Each			
9	29 KW	49 L/S	Each			
10	35 KW	60 L/S	Each			
11	48 KW	82 L/S	Each			
12	58 KW	98 L/S	Each			
13	70 KW	120 L/S	Each			
14	84 KW	144 L/S	Each			
15	102 KW	174 L/S	Each			
16	118 KW	201 L/S	Each			
17	128 KW	217 L/S	Each			
18	169 KW	287 L/S	Each			
19	205 KW	348 L/S	Each			
21	256 KW	435 L/S	Each			
22	307 KW	522 L/S	Each			
	Supply and deliver the following Submersible raw sewage pumps Complete with Pumpset, motor and Stainless steel guiderails Pump motor controls, protection and mounting					
	Capacity(KW)	flow (L/S)				
1	2 KW	3 L/S	Each			
2	3 KW	4 L/S	Each			
3	5 KW	8 L/S	Each			
TOTAL CARRIED FORWARD						

BILL 6: PUMPS						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
4	7 KW	12 L/S	Each			
5	10 KW	16 L/S	Each			
6	14 KW	24 L/S	Each			
7	19 KW	33 L/S	Each			
8	24 KW	40 L/S	Each			
9	29 KW	49 L/S	Each			
10	35 KW	60 L/S	Each			
11	48 KW	82 L/S	Each			
12	58 KW	98 L/S	Each			
13	70 KW	120 L/S	Each			
14	84 KW	144 L/S	Each			
15	102 KW	174 L/S	Each			
16	118 KW	201 L/S	Each			
	Supply and deliver the following submersible borehole pumps					
	Borehole pump housing to DWS standard concrete					
	Pump and motor sets					
17	0.25kW		Each			
18	0.37kW		Each			
19	0.55kW		Each			
20	0.75kW		Each			
21	1.1kW		Each			
22	1.5kW		Each			
23	2.2kW		Each			
24	3kW		Each			
25						
26	3.7kW		Each			
TOTAL CARRIED FORWARD						

BILL 7 : TANKS						
ITEM NO	DESCRIPTION	UNIT	RATE	RATE	RATE	
			Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)	
	Water tank (ground level installation)					
7.1	10 000 l polyethylene water tank (2980 mm high x 2 200 mm diameter)	Each				
	PIPES AND FITTINGS (ground level installation)					
	Supply pipe work and fittings					
7.2	a) One tank	sum				
7.3	b) Two tank	sum				
7.4	c) Three tank	sum				
7.5	d) Four tank	sum				
	WATER TANK (elevated installation)					
7.6	10 000 l polyethylene water tank (2980 mm high x 2200 mm diameter)	1				
	STEEL TANK STAND					
7.7	Supply and erect elevated tank stand in accordance with DWS standards					
	a) Hot dip galvanised	Each				
	the site of the Works upon specific instruction of the Engineer					
	Sectional steel tank					
	Design, supply, fabrication, delivery to site and erection of the following sectional pressed steel tank with cover, access hatches, ventilator and pipe work, all as specified in particular specification PE including surface dressing, surface preparation and hot dip galvanising, sterilising and water tightness test in the following sizes:					
7.8	a) 50 m ³	Each				
7.9	b) 100 m ³	Each				
7.10	c) 150 m ³	Each				
7.11	d) 200 m ³	Each				
7.12	e) 250 m ³	Each				
7.13	f) 300 m ³	Each				
	Design, supply, fabricate, and deliver to site and erection of the 10m high structural steel stands for the sizes of pressed steel and heights as specified. Structural steel stands with associated access ladder, surface dressing, surface preparation, shop of site painting including holding down bolts:					
7.14	a) 50 m ³	Each				
7.15	b) 100 m ³	Each				
7.16	c) 150 m ³	Each				
7.17	d) 200 m ³	Each				
7.18	e) 250 m ³	Each				
7.19	f) 300 m ³	Each				
	TOTAL BILL 7 CARRIED TO SUMMARY					

BILL 8 : ELECTRICITY						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
A-1	ELECTRICITY					
1	Electricity poles					
2	5m Wood 80-100 mm tops	No.	1			
3	7m Wood 120-140mm tops	No.	1			
4	9m Wood 160-180 mm tops	No.	1			
5	11m Wood 160-180mm tops	No.	1			
6	11m Wood 180-200mm tops	No.	1			
7	13m Wood 180-200mm tops	No.	1			
8	9m 140mm top dia strut pole	No.	1			
9	11m 160mm top dia strut pole	No.	1			
10	12m 180mm top dia strut pole	No.	1			
11	14m 180mm top dia strut pole	No.	1			
12	15m 200mm top dia strut pole	No.	1			
13	2500mm Wood crossarm as Eskom DDT0316	No.	1			
14	3500mm Wood crossarm as Eskom DDT0317	No.	1			
15	4500mm Wood crossarm as Eskom DDT0317	No.	1			
16	Insulators					
17	22kV Post Insulators	No.	1			
18	33kV Post Insulators	No.	1			
19	Post Side groove ties Eskom DDT 0259	No.	1			
20	Long Spindle Eskom DDT 0391	No.	1			
21	Long Rod 11kV Suspension Insulator	No.	1			
22	Long Rod 22kV Suspension Insulator	No.	1			
23	Long Rod 33kV Suspension Insulator	No.	1			
24	Eye Bolt M20	No.	1			
25	Eye Nut M20	No.	1			
26	D Shackle	No.	1			
27	Curved Washer M20x65	No.	1			
28	Bonding Clip M20	No.	1			
29	Flat Round Washer M20	No.	1			
30	Nut M20	No.	1			
31	Short spindle as Eskom DDT0390	No.	1			
32	1700mm Steel Crossarm as Eskom DDT0397	No.	1			
33	MV Stays/ Strut (for FOX, MINK and HARE)					
34	1 Off conv anchor as Eskom DDT3035	No.	1			
35	20mm Stay Rod 2m long	No.	1			
36	1 Off flying stay	No.	1			
37	450x450x6 80x26mm slot Stay Plate (DDT3172)	No.	1			
38	Threaded Rod M20x350 as Eskom DDT3015	No.	1			
39	Stay Bracket as Eskom DDT3032	No.	1			
40	Thimble as Eskom DDT3026	No.	1			
41	Guy Grip 3/3.35 as Eskom 3069	No.	1			
42	Stay wire galvanised 7/4 1100MPa as DDT3124	No.	1			
43	Insulator strain-stay as Eskom DDT3144	No.	1			
44	Stay guard PVC-U pipe as Eskom 3195	No.	1			
45	Bracket strut as Eskom DDT 3150	No.	1			
46	Barbed wire as Eskom DDT0399	m	1			
47	Danger Sign as Eskom DDT 3202	No.	1			
48	M20 Plate Stay as DDT3172	No.	1			
49	Double wrap guy grip (19/2.65) as DDT7047	No.	1			
50	Coach Screw as Eskom DDT3090	No.	1			
51	LV Structures					
52	Pigtail bolt M16 as Eskom DDT3003	No.	1			
53	Clamp Suspension as Eskom DDT3061	No.	1			
54	Cable Tie as Eskom DDTDDT3075	No.	1			
55	Nut Eye M16 as Eskom DDT3004	No.	1			
56	Strapping stainless as Eskom DDT3131	No.	1			
57	End caps as Eskom DDT3079	No.	1			
58	Clamp Strain as Eskom DDT 3060	No.	1			
59	LV fuse unit as Eskom DDT 3182	No.	1			
60	Clamp IPC as Eskom DDT3039	No.	1			
61	Strapping stainless 12mm as Eskom DDT3131	No.	1			
62	Clamp strain as Eskom DDT3067	No.	1			
63	Stay wire galvanised 3/3.35 1100MPa as DDT3124	No.	1			
64	Double wrap guy grip (3/3.35) as DDT7047	No.	1			
65	Service Boxes					
66	1 - 4 Way box : 1 x 63 A mcb as Eskom DDT0180	No.	1			
67	Readyboard split meter with 2X16A Sockets (DDT 3176)	No.	1			
68	Meter standard ECU keypad 20A	No.	1			
69	Stringing					
70	Fox conductor	m	1			
71	Mink Conductor	m	1			
72	Hare Conductor	m	1			
73	35mm sq ABC 1phase + 1 bare neutral	m	1			
74	35mm sq ABC 2phase + 1 bare neutral	m	1			
75	35mm sq ABC 3phase + 1 bare neutral	m	1			
76	70mm sq ABC 2phase + 1 50mm sq bare neutral	m	1			
77	70mm sq ABC 3phase + 1 50mm sq bare neutral	m	1			
TOTAL CARRIED FORWARD						

BILL 8 : ELECTRICITY					
ITEM NO	DESCRIPTION	UNIT	RATE	RATE	RATE
			Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD					
78	35mm sq ABC 3phase + 1 35mm sq bare neutral + 1 25mm sq phase street lighting	m	1		
79	70mm sq ABC 3phase + 1 50mm sq bare neutral + 1 25mm sq phase street lighting	m	1		
80	MV Mink full tension joint	No.	1		
81	MV Hare full tension joint	No.	1		
82	MV Fox full tension joint	No.	1		
83	LV joint 35 mm full tension	No.	1		
84	LV joint 70 mm full tension	No.	1		
85	Pole Mounted Transformers: 22kV				
86	200kVA x 3 Phase	No.	1		
87	100kVA x 3 Phase	No.	1		
88	50kVA x 3 Phase	No.	1		
89	32kVA x 2 Phase	No.	1		
90	16kVA x 1 Phase	No.	1		
91	Pole Mounted Transformers: 11kV				
92	200kVA x 3 Phase	No.	1		
93	100kVA x 3 Phase	No.	1		
94	50kVA x 3 Phase	No.	1		
95	32kVA x 2 Phase	No.	1		
96	16kVA x 1 Phase	No.	1		
97	LV Protection Fuses				
98	63A 500V 120kA fuse	No.	1		
99	80A 500V 120kA fuse	No.	1		
100	125A 500V 120kA fuse	No.	1		
101	160A 500V 120kA fuse	No.	1		
102	LV fuseholder Bracket angle as Eskom DDT3182	No.	1		
103	Fuseholder 1kV 160A as Eskom DDT3182	No.	1		
104	Section Links				
105	Post Insulator as Eskom DDT 0391	No.	1		
106	Fuse mounting bracket as DDT3086 sheet 4 or 5	No.	1		
107	Fuse cut out assembly with solid link as Eskom DDT3086 sheet 3	No.	1		
108	Fuse Cut Out assembly with fuseholder as Eskom DDT3086 sheet 2	No.	1		
109	House Connections				
110	Overhead connection	No.	1		
111	ECU base, fixing rails and plug	No.	1		
112	Split Meter Din Rail 20A WS with Keypad	No.	1		
113	Electricity dispenser unit (Conlog Split Meters or equivalent) including securing device	No.	1		
114	63A circuit breaker	No.	1		
115	Conductor (Supply Cable)				
116	10mm sq Airdac with Pilot wires (for 20A Connections) for Split Metering	m	1		
117	4mm sq Airdac	m	1		
118	Cable Trays				
119	Medium Duty cable tray 300mm wide in 3m lengths	length	1		
120	300mm wide Tee	No.	1		
121	300mm wide 90deg. Horizontal Bend	No.	1		
122	300mm wide vertical bend	No.	1		
123	Splice set	No.	1		
124	Cables:				
125	2.5 mm sq 3 core pVC SWA	m	1		
126	2.5 mm sq 4 core pVC SWA	m	1		
127	4 mm sq 3 core pVC SWA	m	1		
128	4 mm sq 4 core pVC SWA	m	1		
129	6 mm sq 3 core pVC SWA	m	1		
130	6 mm sq 4 core pVC SWA	m	1		
131	10 mm sq 3core pVC SWA	m	1		
132	10 mm sq 4 core pVC SWA	m	1		
133	16 mm sq 3core pVC SWA	m	1		
134	16 mm sq 4 core pVC SWA	m	1		
135	25 mm sq 4 core pVC SWA	m	1		
136	35 mm sq 4 core pVC SWA	m	1		
137	50 mm sq 4 core pVC SWA	m	1		
138	70 mm sq 4 core pVC SWA	m	1		
139	95mm sq 4 core pVC SWA	m	1		
140	120 mm sq 4 core pVC SWA	m	1		
141	150mm sq 4 core pVC SWA	m	1		
142	185mm sq 4 core pVC SWA	m	1		
143	11KV XLPE 35mm sq 3 core	m	1		
TOTAL CARRIED FORWARD					

BILL 8 : ELECTRICITY						
ITEM NO	DESCRIPTION	UNIT	RATE	RATE	RATE	
			Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)	
BROUGHT FORWARD						
144	22KV XLPE 35mm sq 3 core	m	1			
145	11KV XLPE 70mm sq 3 core	m	1			
146	22KV XLPE 70mm sq 3 core	m	1			
147	Termination kits for the following stranded copper cables					
148	2.5 mm sq 3 core pVC SWA	No.	1			
149	2.5 mm sq 4 core pVC SWA	No.	1			
150	4 mm sq 3 core pVC SWA	No.	1			
151	4 mm sq 4 core pVC SWA	No.	1			
152	6 mm sq 3 core pVC SWA	No.	1			
153	6 mm sq 4 core pVC SWA	No.	1			
154	10 mm sq 3core pVC SWA	No.	1			
155	10 mm sq 4 core pVC SWA	No.	1			
156	16 mm sq 3core pVC SWA	No.	1			
157	16 mm sq 4 core pVC SWA	No.	1			
158	25 mm sq 4 core pVC SWA	No.	1			
159	35 mm sq 4 core pVC SWA	No.	1			
160	50 mm sq 4 core pVC SWA	No.	1			
161	70 mm sq 4 core pVC SWA	No.	1			
162	95mm sq 4 core pVC SWA	No.	1			
163	120 mm sq 4 core pVC SWA	No.	1			
164	150mm sq 4 core pVC SWA	No.	1			
165	185mm sq 4 core pVC SWA	No.	1			
166	11KV XLPE 35mm sq 3 core	No.	1			
167	22KV XLPE 35mm sq 3 core	No.	1			
168	11KV XLPE 70mm sq 3 core	No.	1			
169	22KV XLPE 70mm sq 3 core	No.	1			
170	Cable Jointing Kits					
171	2.5 mm sq 3 core pVC SWA	No.	1			
172	2.5 mm sq 4 core pVC SWA	No.	1			
173	4 mm sq 3 core pVC SWA	No.	1			
174	4 mm sq 4 core pVC SWA	No.	1			
175	6 mm sq 3 core pVC SWA	No.	1			
176	6 mm sq 4 core pVC SWA	No.	1			
177	10 mm sq 3core pVC SWA	No.	1			
178	10 mm sq 4 core pVC SWA	No.	1			
179	16 mm sq 3core pVC SWA	No.	1			
180	16 mm sq 4 core pVC SWA	No.	1			
181	25 mm sq 4 core pVC SWA	No.	1			
182	35 mm sq 4 core pVC SWA	No.	1			
183	50 mm sq 4 core pVC SWA	No.	1			
184	70 mm sq 4 core pVC SWA	No.	1			
185	95mm sq 4 core pVC SWA	No.	1			
186	120 mm sq 4 core pVC SWA	No.	1			
187	150mm sq 4 core pVC SWA	No.	1			
188	185mm sq 4 core pVC SWA	No.	1			
189	11KV XLPE 35mm sq 3 core	No.	1			
190	22KV XLPE 35mm sq 3 core	No.	1			
191	11KV XLPE 70mm sq 3 core	No.	1			
192	22KV XLPE 70mm sq 3 core	No.	1			
193	Galvanised outlet boxes					
194	100 x 100 x 50	No.	1			
195	100 x 50 x 50	No.	1			
196	Surface Mounted Steel outlet boxes					
197	100 x 100 x 50	No.	1			
198	100 x 50 x 50	No.	1			
199	Trunking					
200	Galvanised 75 X 75mm P8000 trunking c/w cover in 3m lengths	length	1			
201	SABS approved galvanised flexible conduits					
202	20mm	m	1			
203	25mm	m	1			
204	Connectors for galvanised flexible conduits					
205	20mm	No.	1			
206	25mm	No.	1			
207	Conductors and Earth Wires					
208	600 -1000V PVC insulated copper wire in 100m coils					
209	1,5mm sq	No.	1			
210	2,5mm sq	No.	1			
211	4mm sq	No.	1			
212	6mm sq	No.	1			
213	10mm sq	No.	1			
214	16mm sq	No.	1			
215	Bare copper earth wire in kgs					
216	1,5mm sq	kg	1			
217	2,5mm sq	kg	1			
218	4mm sq	kg	1			
219	10mm sq	kg	1			
220	16mm sq	kg	1			
221	25mm sq	kg	1			
222	35mm sq	kg	1			
223	50mm sq	kg	1			
224	70mm sq	kg	1			
TOTAL CARRIED FORWARD						

BILL 8 : ELECTRICITY					
ITEM NO	DESCRIPTION	UNIT	RATE	RATE	RATE
			Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD					
225	Bare copper earth wire in kgs				
226	1,5mm sq	kg	1		
227	2,5mm sq	kg	1		
228	4mm sq	kg	1		
229	10mm sq	kg	1		
230	16mm sq	kg	1		
231	25mm sq	kg	1		
232	35mm sq	kg	1		
233	50mm sq	kg	1		
234	70mm sq	kg	1		
235	Light Switches, Sockets and Isolators				
236	10A 1gang 1way swich flush	No.	1		
237	10A 1gang 2way swich flush	No.	1		
238	10A 1gang intermediate swich flush	No.	1		
239	10A 2gang 1way swich flush	No.	1		
240	10A 2gang 2way swich flush	No.	1		
241	Photocell in an enclosure	No.	1		
242	16 Amp 3-pin single S.S.O	No.	1		
243	16 Amp 3-pin single D.S.S.O	No.	1		
244	16 Amp 3-pin single S.S.O UPS red	No.	1		
245	16 Amp 3-pin single D.S.S.O UPS red	No.	1		
246	20A DP Isolator	No.	1		
247	30A DP Isolator	No.	1		
248	45A DP Isolator	No.	1		
249	30A TP-N weatherproof Isolator	No.	1		
250	63A TP-N weatherproof Isolator	No.	1		
251	Light Fittings				
252	B2 - 2 x 18 W CFL bulkhead luminaire with acrylic diffuser	No.	1		
253	C1 - 2 x 36 W totally enclosed Surface fluorescent luminaire IP65	No.	1		
254	C2 - 2 x 36 W enclosed Surface fluorescent luminaire IP20	No.	1		
255	Minisubstation				
256	Complete 315kVA 11kV/420V Minisubstation as per the specification	No.	1		
257	Complete 630kVA 11kV/420V Minisubstation as per the specification	No.	1		
258	Complete 200kVA 11kV/420V Minisubstation as per the specification	No.	1		
259	pVC Conduits/ Pipes				
260	20mm pVC conduit in 6m lengths	No.	1		
261	25mm pVC conduit in 6m lengths	No.	1		
262	32mm pVC conduit in 6m lengths	No.	1		
263	75mm ribbed pVC sleeves in 6m lengths	No.	1		
264	110mm ribbed pVC sleeves in 6m lengths	No.	1		
265	160mm ribbed pVC sleeves in 6m lengths	No.	1		
266	20mm pVC conduit 90deg bends	No.	1		
267	25mm pVC conduit 90deg bends	No.	1		
268	32mm pVC conduit 90deg bends	No.	1		
269	75mm ribbed pVC 90deg bends	No.	1		
270	110mm ribbed pVC 90deg bends	No.	1		
271	160mm ribbed pVC 90deg bends	No.	1		
272	Earth Rods				
273	Threaded copper earth rods 12mm 1200mm long	No.	1		
274	Threaded copper earth rods 12mm 1500mm long	No.	1		
TOTAL BILL 8 CARRIED SUMMARY					

BILL 9 : IRRIGATION							
ITEM NO	DESCRIPTION	UNIT	QUANTIT Y	RATE	RATE	RATE	
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)	
9	Irrigation						
9.1	Block valve clusters						
9.1.1	Manual valve 50mm	No.	1				
9.1.2	Manual valve 80mm	No.	1				
9.1.3	Manual valve 100mm	No.	1				
9.1.4	Hydraulic valve 50mm	No.	1				
9.1.5	Hydraulic valve 80mm	No.	1				
9.1.6	Hydraulic valve 100mm	No.	1				
9.2	Lateral Take Off	No.	1				
9.2.1	With pressure regulation	No.	1				
9.2.2	Without pressure regulation	No.	1				
9.3	Micro jet lateral pipes						
9.3.1	12 mm	m	1				
9.3.2	15 mm	m	1				
9.3.3	20 mm	m	1				
9.3.4	25 mm	m	1				
9.3.5	Micro jet unit	No.	1				
9.4	Drip lateral pipes						
9.4.1	12 mm	m	1				
9.4.2	16 mm	m	1				
9.5	Quick coupling hydrant						
9.5.1	50mm hydrant	No.	1				
9.5.2	80mm hydrant	No.	1				
9.5.3	100mm hydrant	No.	1				
9.6	Hydrant bend						
9.6.1	50mm hydrant bend	No.	1				
9.6.2	80mm hydrant bend	No.	1				
9.6.3	100mm hydrant bend	No.	1				
9.7	Above ground manifold / steel quick coupling pipe						
9.7.1	50 mm steel q/c pipe	No.	1				
9.7.2	70 mm steel q/c pipe	No.	1				
9.7.3	89 mm steel q/c pipe	No.	1				
9.7.4	108 mm steel q/c pipe	No.	1				
9.7.5	75 mm HDPE pipe	No.	1				
9.7.6	Dragline unit	No.	1				
TOTAL CARRIED FORWARD							

BILL 9 : IRRIGATION							
ITEM NO	DESCRIPTION	UNIT	QUANTIT Y	RATE	RATE	RATE	
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)	
BROUGHT FORWARD							
9.7.7	Self closing valve assembly	No.	1				
9.7.8	Fixed sprinkler on quick coupling pipe	No.	1				
9.7.9	Removable riser assembly	No.	1				
9.7.10	Block air relief valve	No.	1				
9.8	Centre Pivot Irrigation						
	Centre pivot centre						
9.8.1	Diameter: 6 ⁵ / ₈ "	No.	1				
	Centre pivot towers						
	Diameter: 5"						
9.8.2	38 m	No.	1				
9.8.3	44 m	No.	1				
9.8.4	49 m	No.	1				
9.8.5	55 m	No.	1				
	Centre pivot overhangs						
	Diameter: 4 "						
9.8.6	6 m	No.	1				
9.8.7	9 m	No.	1				
9.8.8	17 m	No.	1				
9.8.9	23 m	No.	1				
9.8.10	Laying of electrical cable to centre pivot - in pipe trench						
9.8.11	Up to 6 mm ²	No.	1				
9.8.12	From to 10 mm ² to 25 mm ²	No.	1				
9.8.13	Above 35 mm ²	No.	1				
9.9	Floppy Irrigation						
	Poles						
9.9.10	4.8 m x Æ 75-100 mm	No.	1				
9.9.2	4.8 m x Æ 100 - 125 mm	No.	1				
9.9.3	5.4 m x Æ 75-100 mm	No.	1				
9.9.4	5.4 m x Æ 100-125 mm	No.	1				
9.9.5	5.4 m x Æ 125-150 mm	No.	1				
	PSL 8.2 Cables						
9.9.6	4.8mm Æ (7 x 1.6)	m	1				
TOTAL CARRIED FORWARD							

BILL 9 : IRRIGATION							
ITEM NO	DESCRIPTION	UNIT	QUANTIT Y	RATE	RATE	RATE	
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)	
BROUGHT FORWARD							
9.9.7	6.0mm Æ (7 x 2)	m	1				
9.9.8	Anchors	No.	1				
9.9.9	LDPE 25mm class 4 lateral piping	m	1				
9.9.10	Sprinkler	No.	1				
9	Carried forward to summary						

BILL 12 : DAY WORKS						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
A.1	DAYWORKS LABOUR					
1	Contractor's Representative	h	1			
2	Surveyor	h	1			
3	<u>Qualified Artisan</u>					
	(i) Plumber	h	1			
	(ii) Boilermaker	h	1			
	(iii) Bricklayer	h	1			
	(iv) Plasterer	h	1			
	(v) Welder with API 1104 Certificate	h	1			
	(vi) Electrician	h	1			
4	Foreman, leader-hand	h	1			
5	Semi-skilled labourer	h	1			
6	Labourer	h	1			
7	<u>Other</u>					
	(i) Intern(To be deployed by COGTA@R8000 per month)	h	1	50	50	50
	(ii) Community Liasion Officer(To be deployed by COGTA@R600	h	1	37.5	37.5	37.5
	(iii) Mechanical Engineer	h	1			
	(iv) Civil Engineer	h	1			
	(v) Electrical Engineer	h	1			
	(vi) Technician	h	1			
A.2	PLANTHIRE: WORK RATES ON SITE					
1	Crane 65 t - 80 t capacity	h	1			
2	TLB 60 kW - 70 kW	h	1			
3	Crawler Excavator 140 kW - 150 kW	h	1			
4	Bulldozer 160 kW - 170 kW	h	1			
5	Wheel loader 140 kW - 150 kW	h	1			
6	Motor graders 150 kW - 160 kW	h	1			
7	Wheel excavators 0,4 - 1,25 m ³ bucket size	h	1			
8	Wheel tractor scrapers 15,0 - 16 m ³	h	1			
9	Tow tractors 200 kW - 250 kW	h	1			
	TOTAL CARRIED FORWARD					

BILL 12 : DAY WORKS						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
A.1	DAYWORKS LABOUR					
BILL 12: DAY WORKS						
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	RATE	RATE
				Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BROUGHT FORWARD						
A.1	PLANTHIRE: WORK RATES ON SITE Cont...					
26	Concrete vibrators (35 - 60 mm DN)	h	1			
27	Dumpers 0,5 m3 (Hydraulic tip)	h	1			
28	Water pump with 80 mm DN outlet (diesel driven)	h	1			
29	Arc-welding unit (300 A)	h	1			
30	<u>Generating sets</u>					
	(a) 1,5 kVA (petrol) 220V	h	1			
	(b) 5 kVA (petrol) 220V	h	1			
	(c) 30 kVA (diesel) 380V - 3ph	h	1			
	(d) 50 kVA (diesel) 380V - 3ph	h	1			
	(e) 100 kVA (diesel) 380V - 3ph	h	1			
A.3	LABOUR BASED TOOLS					
1	<u>Hand Operated- supply the following</u>					
	(a) Pick	Each	1			
	(b) Shovel	Each	1			
	(c) Crowbar	Each	1			
	(d) Bucket (10 l)	Each	1			
	(e) Wheelbarrow	Each	1			
2	Percentage mark-up on items approved by the client or with attached invoices for material used.	%				
TOTAL BILL 12 CARRIED SUMMARY						

BILL12 : SUMMARY				
ITEM NO	DESCRIPTION	AMOUNT	AMOUNT	AMOUNT
		Ehlanzeni DM Price Per Unit (Incl. VAT)	Gert Sibande DM Price Per Unit (Incl. VAT)	Nkangala DM Price Per Unit (Incl. VAT)
BILL 1	SUPPLY AND DELIVERY OF ROAD CONSTRUCTION MATERIAL			
BILL 2	SUPPLY AND DELIVERY OF RDP HOUSE CONSTRUCTION MATERIAL			
BILL 3	SUPPLY AND DELIVERY OF CULVERTS CONSTRUCTION MATERIAL			
BILL 4	SUPPLY AND DELIVERY OF WATER INFRASTRUCTURE CONSTRUCTION MATERIAL			
BILL 5	SUPPLY AND DELIVERY CONSTRUCTION MATERIAL THE REPAIRS OF DAMAGED HOUSES			
BILL 6	SUPPLY AND DELIVERY OF SUPPLY AND DELIVERY OF PUMPS			
BILL 7	SUPPLY AND DELIVERY OF TANKS			
BILL 8	SUPPLY AND DELIVERY OF ELECTRICAL INFRASTRUCTURE			
BILL9	SUPPLY AND DELIVERY OF IRRIGATION MATERIAL			
BILL 10:	SUPPLY AND DELIVERY OF FENCING MATERIAL			
BILL 11:	SUPPLY AND DELIVERY OF WTW CHEMICALS			
BILL 12:	SUPPLY LABOUR & PLANT RATES			
BILL 13	GENERAL CONTRACT PROVISIONS	-	-	-
	TOTAL INCL. VAT			