
Part C2: Pricing Data

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Part C2

PRICING INSTRUCTIONS

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PART C2.1

Pricing Instructions

2.1 Pricing Instructions – General

2.1.1 Measurement and payment shall be in accordance with relevant provisions of clause 8 of each of the SANS 1200 Standardised Specifications for Civil Engineering Construction referred to in the Scope of Work.

2.1.2 The units of measurement described in these Bills of Quantities are metric units. Abbreviations used in the Bill of Quantities are as follows:

%	=	percentage
h	=	hour
ha	=	hectare
kg	=	kilogram
kl	=	kilolitre
km	=	kilometre
l	=	litre
m	=	metre
No.	=	number
Prov sum	=	Provisional sum
Sum	=	Lump sum
W/day	=	Work day
R/only	=	Rate only
Worklot	=	area totalling 300m ²

2.1.3 For the purpose of these Bill of Quantities, the following word shall have the meanings assigned to them:

Unit: The unit of measure for each item of work as defined in the COLTO Standard specification.

Quantity: The number of units of works for each item.

Rate: The agreed payment per unit measurement.

Amount: The product of the quality and the agreed rate for an item.

2.1.4 No allowance is made for waste on items in the Bill of Quantities.

2.1.5 It will be assumed that the prices included in the Bills of Quantities are based on Acts, Ordinances, regulations, By-laws, International Standards and National Standards that were published 28 day before the closing date for tenders.

2.1.6 Such prices and rates cover all costs and expenses that may be required for the execution of the works described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities and obligations set forth or implied in the Contract Data, as well as overhead charges and profit.

- 2.1.7 The quantities set out in the Bill of Quantities are estimated and may be more or less than stated. The Contractor shall submit with his/her tender a complete and detailed priced Bill of Quantities (prepared in black ink) for the Works.
- 2.1.8 Each item shall be priced by the Tenderer. If the Contractor has omitted to price any items in the Bill of Quantities, the cost of the work included in such items will be held to be spread over and included in the prices given in the other items of work.
- 2.1.9 Payment for this contract shall be based on the Bill of Quantities and the payment will be made in accordance with the rates tendered in the Bill of Quantities.
- 2.1.10 The absence of stated quantities in the Bill of Quantities is no guarantee that none will be required. Reasonable prices should therefore be inserted for every item as these prices may be considered in adjudication of tenders.

The short descriptions of the items in the Bill of Quantities are for identification purposes only.

Items classified as "provisional worklots" in the Bill of Quantities indicate that there is no certainty about the amount of work, which will be required. In this contract the provisional items, where applicable, are for the treatment of areas, which are not necessarily treated annually.' These areas will be measured per provisional worklot as defined in Part C3 Scope of the Works 7.1.2.2, or stated in the Bill of Quantities and the standard of control for individual worklots shall apply.

2.1.11 Pricing Instructions - Measurement and Payment

- 2.1.11.1 Payment will be based on the numbers of worklots treated as instructed by the Supervisor and to which the Contractor successfully applied the vegetation control measures and has achieved the standard of control defined in Scope of Work clause 7.3.
- 2.1.11.2 No payment will be made for rejected worklots where control achieved does not meet the standards of control specified.
- 2.1.11.3 Measurement and payment for the work completed will be made in 3 stages.
- 2.1.11.4 After completion of the initial spraying of the entire contract area the Supervisor or his deputy and the Contractor will measure the work performed (number of worklots sprayed). The Contractor will thereafter receive payment at **50%** of the rates tendered for all of the completed work.
- 2.1.11.5 A second measurement and evaluation will be made concurrent with the first official inspection conducted in accordance with Scope of Work clause 5.4.5 The Contractor will thereafter receive payment at **25%** of the rates tendered for all worklots where control as specified has been achieved or clear signs are evident that control is in the process of being achieved.

2.1.11.6 A third measurement and evaluation will be made concurrent with the second official inspection conducted in accordance with Scope of Work clause 5.4.6. The Contractor will thereafter receive payment at **25%** of the rates tendered for all worklots where control has been achieved.

2.2 Bill of Quantities

- See attached Bill Of Quantities
- Bill of Quantities will **not** be made available in an electronic format.

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ISANDO EAST

Item	KM	From	To	Length	Line	Spray Width (m)	Annual W/Lots (300m ²)	Rate/ w/lot Year 1	Sub total Year 1	Rate/ w/lot Year 2	Sub total Year 2	Rate/ w/lot Year 3	Sub total Year 3	Total for 3 Years
SPRINGS - KAYDALE														
1.01	4.70	SPRINGS	DAGGAFONTEIN	4700	1	2.4	37.60							
1.02	6.70	DAGGAFONTEIN	DUNNOTAR	6700	1	2.4	53.60							
1.03	4.00	DUNNOTAR	SERVAAS	4000	1	2.4	32.00							
1.04	3.30	SERVAAS	NIGEL	3300	1	2.4	26.40							
1.05	7.30	NIGEL	KAYDALE	7300	1	2.4	58.40							
WELGEDAG - OGIES														
2.01	8.20	WELGEDAG	SUNDR	8200	1	2.4	65.60							
2.02	5.10	SUNDR	ELOFF	5100	1	2.4	40.80							
2.03	8.20	ELOFF	DELMAS	8200	1	2.4	65.60							
2.04	10.10	DELMAS	DRYDEN	10100	1	2.4	80.80							
2.05	9.30	DRYDEN	ARGENT	9300	1	2.4	74.40							
2.06	7.80	ARGENT	ARBOR	7800	1	2.4	62.40							
2.07	6.90	ARBOR	KENDAL	6900	1	2.4	55.20							
2.08	9.80	KENDAL	OGIES	9800	1	2.4	78.40							
OGIES - SPRINGS														
3.01	9.200	OGIES	KENDAL	9200	2	2.4	73.60							
3.02	7.300	KENDAL	ARBOR	7300	2	2.4	58.40							
3.03	7.600	ARBOR	ARGENT	7600	2	2.4	60.80							
3.04	9.400	ARGENT	DRYDEN	9400	2	2.4	75.20							
3.05	9.300	DRYDEN	DELMAS	9300	2	2.4	74.40							
3.06	10.400	DELMAS	SILIKA	10400	2	2.4	83.20							
3.07	10.300	SILIKA	HAWERKLIP	10300	2	2.4	82.40							
3.08	8.900	DELMAS	ELOFF	8900	2	2.4	71.20							
3.09	3.900	ELOFF	SUNDR	3900	2	2.4	31.20							
3.10	8.000	SUNDR	WELGEDAG	8000	2	2.4	64.00							
3.11	5.000	WELGEDAG	PAYNEVILLE	5000	2	2.4	40.00							
3.12	3.400	PAYNEVILLE	SPRINGS	3400	2	2.4	27.20							
SPRINGS - BETHAL														
4.01	4.200	SPRINGS	STRUBENVALE	4200	1	2.4	33.60							
4.02	5.800	STRUBENVALE	LARGO	5800	1	2.4	46.40							
4.03	10.000	LARGO	ENDICOTT	10000	1	2.4	80.00							
4.04	8.500	ENDICOTT	TOEVLUG	8500	1	2.4	68.00							
4.05	12.500	TOEVLUG	DEVON	12500	1	2.4	100.00							
BETHAL - ESTANCIA														
5.01	11.000	BETHAL	EERSTEGELUK	11000	1	2.4	88.00							
5.02	3.000	EERSTEGELUK	KIPPEN	3000	1	2.4	24.00							
5.03	10.100	KIPPEN	DALO	10100	1	2.4	80.80							
5.04	34.000	DALO	ESTANCIA	204000	1	2.4	1632.00							
SPRINGS - AURUM														
6.01	7.000	SPRINGS	AURUM	7000	1	2.4	56.00							
SENTRARAND - LUD & OTHER LINES														

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					Spray	Annual	Rate/ w/lot	Sub total	Rate/ w/lot	Sub total	Rate/ w/lot	Sub total	
7.01	3.048	WELGEDAG	SLIMESDAM	3048	2.4	24.38							
7.02	5.178	ZESFONTEIN	SENTRARAND STQ	5178	2.4	41.42							
7.03	3.891	SENTRARAND	VARKFONTEIN	3891	2.4	31.13							
7.04	1.425	VARKFONTEIN	VARKFONTEIN	1425	2.4	11.40							
7.05	1.815	VARKFONTEIN PAD	VARKFONTEIN	1815	2.4	14.52							
7.06	3.358	VARKFONTEIN	BRONKHORSFONTEIN	3358	2.4	26.86							
7.07	24.866	BRONKHORSFONTEIN	KAALFONTEIN	24866	2.4	198.93							
7.08	7.089	KAALFONTEIN	MARIESHOOP	7089	2.4	56.71							
7.09	34.443	WITHOK	SKANSDAM	34443	2.4	275.54							
7.10	34.453	SKANSDAM	WITHOK	34453	2.4	275.62							
7.11	14.508	COWELSDAM	SENTRARAND	14508	2.4	116.06							
7.12	6.214	STQ	VARKFONTEIN	6214	2.4	49.71							
7.13	5.768	AVONDRUS	KATBOSFONTEIN	5768	2.4	46.14							
7.14	7.055	KATBOSFONTEIN	ZESFONTEIN	7055	2.4	56.44							
7.15	9.581	ZESFONTEIN	SUNDRA	9581	2.4	76.65							
7.16	12.141	SUNDRA	ZESFONTEIN	12141	2.4	97.13							
7.17	14.508	ROOIKOP	WITHOK	14508	2.4	116.06							
7.18	16.677	WITHOK	COWELSDAM	16677	2.4	133.42							
7.19	6.315	COWELSDAM	WELGADAG	6315	2.4	50.52							
7.20	2.402	OLIFANTSFONTEIN	MARIESHOOP	2402	2.4	19.22							
7.21	6.056	BRONKHORSFONTEIN	AVONDSRUS	6056	2.4	48.45							
7.22	7.232	WELGEDAG	ALLIANCE	7232	2.4	57.86							
7.23	0.219	KATBOSFONTEIN	STQ	219	2.4	1.75							
7.24	2.922	MARIEHOOP	OLIFANTSFONTEIN	2922	2.4	23.38							
7.25	0.407	WELGEDAG	COWELSDAM	407	2.4	3.26							
7.26	4.512	ROODE	RIETVALLEI	4512	2.4	36.10							
7.27	7.313	RIETVALLEI	VLAKFONTEIN	7313	2.4	58.50							
7.28	0.503	ROOIVLEI	RIETVALLEI	503	2.4	4.02							
7.29	5.932	AURUM	SPRINGS	5932	2.4	47.46							
7.30	0.536	KAALFONTEIN	BRONKHORSFONTEIN	536	2.4	4.29							
7.31	7.596	VARKFONTEIN	SENTRARAND	7596	2.4	60.77							
7.32	1.752	BRONKHORSFONTEIN	AVONDSRUS	1752	2.4	14.02							
		SUBTOTAL		719915		5759.32							
		TOTAL				5759.32							

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Transnet freight rail
A Division of transnet freight rail

Lines Mills

Contract No SIW9013

ITEM	KM	SECTION	LINE	SPRAY	AREA m ²	TOTAL ANNUAL WORKLOTS 300M ²	RATE/ W/LOTS YEAR 1	SUB TOTAL YEAR 1	RATE/ W/LOTS YEAR 2	SUB TOTAL YEAR 2	RATE/ W/LOTS YEAR 3	SUB TOTAL YEAR 3	TOTAL FOR 3 YEARS
1	26.268	Randfontein - Bank	Single	2.4	63043.20	210.14							
2	24.012	Bank - Welverdiend	Double	3.6	86443.20	288.14							
3	45.221	Wolverdiend - Catchet	Single	2.4	108530.40	361.77							
4	101.29	Wolverdiend - Coligny	Single	2.4	243096.00	810.32							
5	26.289	Coligny - Lichtenburg	Single	2.4	63093.60	210.31							
6	4.583	Catchet - Potchefstroom	Double	3.6	16498.80	55.00							
7	47.000	Potchefstroom - Klerksdorp	Double	3.6	169200.00	564.00							
8	225.935	Klerksdorp - 14Streams (No 2)	Double	2.4	542244.00	1807.48							
9	102.863	Klerksdorp - 14Streams (No 1)	Double	1.2	123435.60	411.45							
10	282.834	14Streams - Mafikeng	Single	2.4	678801.60	2262.67							
11	226.861	Coligny - Pudimoe	Single	6	1361166.00	4537.22							
12	77.117	Klerksdorp - Ottosdal	Single	6	462702.00	1542.34							
13	95.245	Makwasie - Vermaas	Single	6	571470.00	1904.90							
14	1.760	Krugersdorp - Waterval	Single	2.4	4224.00	14.08							
15	64.070	Krugersdorp - Boons	Single	2.4	153768.00	512.56							
16	36.680	Boons - Koster	Single	6	220080.00	733.60							
17	104.400	Koster - Zeerust	Single	2.4	250560.00	835.20							
18	109.000	Zeerust - Ramathlabama	Single	6	654000.00	2180.00							
		Sub-total			5772356.40	19241.49							
		Provisional			433515.36	1445.05							
		Total			6205871.76	20686.24							

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