

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 and Prices 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.

~~2.1.11.7 A fourth measurement and evaluation will be made concurrent with the third official inspection conducted in accordance with Scope of Work clause 5.4.7. The Contractor will thereafter receive payment at **[25%] / [30%] / [20%]** 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.

PRIEVIEW COPY ONLY

Bill of Quantities
Contract No. S.I.W. 9001
Summary

Depot	Total for Year 1	Total for Year 2	Total for 2 Years
Vryheid			
Ermelo			
Total			

PRIEVIEW COPY ONLY

Bill of Quantities
Contract No. S.I.W. 9001
Vryheid

Description		Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
	Station Yard						
1	MKONDO	119.95					
2	MOOLMAN	94.94					
3	CONFIDENCE	57.35					
4	COMMONDALE	92.88					
5	HLUNGWANA	61.27					
6	PAUL PIETERSBURG	182.87					
7	MAHULUMBE	75.81					
8	MQWABE	76.44					
9	ZUNGWINI	134.55					
10	MSWANENI	76.16					
11	VRYHEID EAST	2161.96					
13	TINTASDRIFT	29.39					
14	DASSIESHOOGTE	0.00					
15	LENJANEDRIFT	116.17					
16	ENGOGWENI	5.30					
17	KOMVOORHOOGTE	157.16					
18	BLOUBANK	0.00					
19	HLAZATSHE	94.96					
24	VRYHEID	213.70					
25	BALLAST SIDING	83.11					
26	SIKAME	88.67					
27	TENDEKE	60.98					
28	HLOBANE	79.00					
30	MTV VRYHEID	34.67					
31	TRANSTEL VHD	3.52					

Bill of Quantities
Contract No. S.I.W. 9001
Vryheid

Description		Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
	Station Yard						
32	CTC	5.26					
33	MICROWAVE TOWERS	13.26					
34	ELETRICAL SUBS	145.62					
35	RELAY ROOMS	68.93					
36	SIGNAL BOXES	44.22					
Total		4378.097					

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Bill of Quantities
Contract No. S.I.W. 9001
Ermelo

Description	Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
YARDS						
ERMELO TO PIET RETIEF						
ERMELO	1800					
CAMDEN	54.33					
OVERVAAL	93.33					
MAVIRISTAD	27.16					
SHEEPMOOR	165					
NGWEMPISI	136					
PANBULT	206.67					
ISWEPE	158.67					
WILDRAND	82.33					
KEMP	148.33					
PIET RETIEF	214.33					
ERMELO TO BROODSNYERSPLAAS						
RIETVLEIRUS	40					
HAMELFONTEIN	44					
WEBBSRUS	1.67					
HALFGEWONNEN	186					
BROODSNYERSPLAAS	70					
DAVEL	28					
BUHRMANNSKOP – LOTHAIR						
MEPPEL	40					
BURGERSPAN	14					
KOOLBANK	15.67					
LIEFGEKOZEN	40					
LOTHAIR	72.6					

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Ermelo

Description	Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
YARDS						
ERMELO TO MACHADODORP						
TORBANITE	39					
VOORSLAG	40					
KLIPSTAPEL	40					
BREYTEN	62					
CARLCHEW	40					
ALBION						
LONGVIEW	40					
WITRAND	71					
CAROLINA	81.67					
HAWERFONTEIN	3.26					
MOEDIG	18.43					
PRAIRIE	46.67					
SEWEFONTEIN	17.27					
FRANS DU TOIT	82					
BROODSNYERS - WONDERFONTEIN						
GELUKSPLAAS	40					
DRIEFONTEIN	84					
PULLENSHOOP	192					
RIETKUIL	156					
SUBTOTAL	4761.39					

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Bill of Quantities
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Ermelo

Description	Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
YARDS						
SUBSTATIONS & RELAYROOMS						
ERMELO - BROODSNYERPLAAS						
Ermelo Tie	4					
Ermelo	2					
Nooitgedacght	4.2					
Rietvleirus	1.2					
Hamelfontein	2.6					
Davel	2					
Webbsrus A	1					
Webbsrus11kv	3.8					
Midpoint	2.8					
Halfgewonnen-South	3.9					
Halfgewonnen-North	3.2					
Arberdeen	2.7					
Spequlati	3					
Broodsneyerplaas	3.4					
GELUKSPLAAS - WONDERFONTEIN						
Bothashoek	3.2					
Grootlaagte	3.3					
Boschmanskop	2.4					
Rietkuil	4					
Woestalleen	3.8					
Leeufontein	3.8					
Geluksplaas	4					

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Description	Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
YARDS						
BROODSNEYERPLAAS - OGIES -BLACKHILL						
Mileburgmine	3.8					
Blinkpan	4.2					
Vandyksdrift	3.7					
Kromklip	3.6					
Saaiwater	4					
Saaiwater Goods	4					
Saaiwater Maain	3.5					
Ogies	2.4					
Minaar	2.8					
Blackhill	3.6					
ERMELO - PIET RETIEF						
Antra	3.7					
Overvaal	4					
Sheepmore	3.5					
Iswepe	2.8					
Hlelo	4.5					
Wildrand	3.6					
Main	4.2					
DieselCTC	4					
Iswepe 11kv	4.9					
SUBTOTAL	135.1					

Bill of Quantities
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Ermelo

Description		Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
YARDS							
RELAY ROOMS AND SIGNAL EQUIPMENTS							
	KM						
Leewfontei	54/10	3.800					
Grootlaagte	48/15	2.300					
Rietkuil	41/15	1.600					
Spekulati	34/3	2.430					
Woestalleen	25/15	1.400					
Bothashoek	16/7	2.400					
Bchmanskop	8/9	2.500					
Abedeem	56/15	3.000					
Halfgewonnen North	64/15	1.250					
Halfgewonnen South	73/10	3.780					
Midpoint	83/1	0.800					
Webbsrus	91/12	0.920					
Davel	100/11	2.000					
Hammelfontein	110/10	1.200					
Rietfluirus	120/8	1.060					
Nooitgedacht	128/5	2.400					
Ermelo Sub.	137/3	4.000					
Ermelo tie	140/8	2.800					
Antra	1/7	1.9					
Overvaal	17/21	1.000					
Isweepe	58/4	1.250					
Sheepmore	38/17	1.250					
Hlelo	70/14	1.000					
Wildrand	85/9	4.3					
Main Sub.Ermelo yard	Yard	3.800					

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Contract No. S.I.W. 9001
Ermelo

Description		Annual Worklots 300m2	Rate Per Worklot	Total for Year 1	Rate Per Worklot	Total for Year 2	Total for 2 Years
YARDS							
TELLI CONTROLL							
Pullenshope	15/8	1.000					
Abedeen	0/2'	0.23					
Halfgewonnen South	73/4	1.200					
Ermelo bleubuilding	0/1	2.7					
Ermelo Triangle	139/1	2.300					
Langverwacht	4/9	3.100					
Camnden	10/3	1					
Overvaal	22/2	0.800					
Maviristad	26/17	0.01					
Sheepmore	33/12	0.020					
Sheepmore 11kv	36/5	0.020					
Panbult	51/16	0.020					
Panbult	52/14	1.200					
Iswepe	61/8	0.300					
Iswepe 11KV	62/13	0.020					
Iswepe	64/17	0.600					
Hlelo	71/2	0.500					
Wildrand	78/9	0.920					
Wildrand	80/9	0.950					
Kemp	89/22	0.020					
Kemp	91/11	0.020					
Piet Retief 98/8	98/8	2.770					
SUBTOTAL		73.840					
TOTAL		4970.330					

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