

PART 1.1 MANAGEMENT

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<b>TENDERERS TO REFER TO THE PRICING INSTRUCTIONS</b>				
M0300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
M030.01	Fixed Obligations Payment of the Lump Sum shall be as follows: 1. 50% on commencement of contract. 2. 35% on commencement of second annual cycle. 3. 15% on completion of the second annual cycle.	Lump Sum	1		-
M030.03	Period Related Obligation. Measured per period Payment pro-rata to value of work done in Period.				
	(a) General Mow.				
	(i) Cycle 1 General mow April to June 2022	Period	1		-
	(ii) Cycle 2 General mow April to June 2023	Period	1		-
	(b) Shoulder Mow.				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1		-
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1		-
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1		-
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1		-
PM030.04	(a) All Occupational health and safety obligations including that of EME Subcontractors	Prov Sum	1	15 000.00	15 000.00
	(b) The Contractor's overhead charges and profit in respect of sub-item PM030.04 (a)	%	15000.00		-
PM020.06	Training Including Main Contractor plus EME sub-contractors as instructed by the Employer				
	(a) Safety	Prov Sum	1	15 000.00	15 000.00
	(b) Remuneration of workers undergoing training	Prov Sum	1	14 200.00	14 200.00
	(c) The Contractor's overhead charges and profit in respect of sub-item DM020.06 (a) to (e)	%	29200.00		-
	NOTE. 1. The rate paid for workers undergoing training shall be R40 per hour, which includes all costs including transport, meals and other  2. The daily rate shall be based on a max six (6) hrs for class room training and eight (8) hrs for practical training  3. The contractor shall nominate per training category. 2 persons from Main Contractor and 1 each from EME sub-contractors.  4. N3TC shall cover the cost of the training and materials if applicable as well as the venue.				
	CARRIED FORWARD TO NEXT PAGE				

PART 1.1 MANAGEMENT (continued)					
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	BROUGHT FORWARD FROM PREVIOUS PAGE				-
PM0500	<u>ACCOMMODATION OF TRAFFIC</u>				
PM050.01	Accommodation of Traffic (a) Provision of temporary traffic control facilities.  This Item is for the payment of all road signs required by the Main Contractor and EME Sub-Contractors for the duration of the Contract namely 2 years  The Main Contractor shall issue the required road signs to the EME Sub-Contractors at the commencement of each mowing Period.  The Main Contractor shall be responsible for the maintenance and safe keeping of all road signs for the duration of the Contract, namely 2 years.  The life of the signs is deemed to be the Duration of the contract, namely 2 years.  The minimum Tenderer Rate for Item PM050.01 (a) shall be R20,000.00. This is to ensure adequate provision for required signs, in particular should the Contractor request the Employer to assist in procuring the signs under this item.	Lump Sum	1		-
	(b) Deduct item should the Contractor request the Employer to assist in purchasing the required road signs. The amount to be deducted shall be the actual cost price of the road signs purchased by the Employer at the request of the Contractor.	P.C. Sum		20 000.00	rate only
PM6120	<u>MANAGEMENT OF EME SUB-CONTRACTORS</u>				
PM 612.01	Management Fee payable for management of subcontractors Contractor to tender a percentage mark-up on the value of the EME work done as a fee for the management of sub-contractors  Calculation of the Management Fee for the Tender. The "QUANTITY" for this item shall be determined by inserting the Total for the Scheduled Works by EME Sub-Contractors from the Summary Page below sub-Total Part 2 Multiply this sub-Total by the tendered management fee to obtain the total tendered amount for Management Fee.  The minimum Tenderer Rate for Item PM612.01 shall be 5%.	%			-
TOTAL PART 1.1: MANAGEMENT CARRIED TO SUMMARY					-

PART 1.2: OPERATIONAL

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
PM0500	<u>ACCOMMODATION OF TRAFFIC</u>				
PM050.03	Accommodation of traffic and maintaining temporary deviations.  Main Contractor. Measured per period Payment pro-rata to value of work done in Period				
	(a) General Mow.				
	(i) Cycle 1 General mow April to June 2022	Period	1		-
	(ii) Cycle 2 General mow April to June 2023	Period	1		-
	(b) Shoulder Mow.				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1		-
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1		-
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1		-
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1		-
M6100	<u>CONTROLLING VEGETATION GROWTH: MOWING AND CUTTING</u>				
PM610.01	Shoulder mowing and removal of grass cuttings				
	(a) Reserve with dual carriageway, min width 3m including full median width, excluding interchanges. Including baling/removal.	km	80		-
	(b) Reserve with single carriageway, min width 3m excluding interchanges. Including baling/removal.	km			Rate only
	(c) Shoulder mow interchanges. Including baling/removal. Refer to Table in Section C4.1.2.4	No	12		-
	(d) Ad hoc cutting of the median outside of the shoulder and general mow periods on instruction of the engineer	Prov Sum	1	100 000.00	100 000.00
M6100	CARRIED FORWARD TO NEXT PAGE				

PART 1.2 : OPERATIONAL (continued)

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	BROUGHT FORWARD FROM PREVIOUS PAGE				-
PM610.02	General Mowing and Removal of Grass Cuttings.				
	(a) General mow reserve with dual carriageway including the full median width, excluding interchanges	km	40		-
	(c) General mow interchanges Refer to Table in Section C4.1.2.4	No	6		-
	(d) Extra over item PM610.02 (a) for baling and or removal of grass cuttings from reserve with dual carriageway	km	40		-
	(f) Extra over item PM610.02 (c) for baling and or removal of grass cuttings from interchanges	No	6		-
	(g) Baling and Removal of cut grass from the road reserve or interchanges where the grass is mowed by others				
	(i) From reserve with dual carriageway	km	Rate only		-
	(ii) From reserve with single carriageway	km	Rate only		-
	(iii) From interchanges	No	Rate only		-
	The rates tendered under this "Rate Only" item shall not exceed the rate tendered for items PM610.02 (d), (e) & (f) respectively by more than 30%.				
PM611.01	Cutting of designated areas Provisional Sum for the cutting of designated areas on the instruction of the Engineer	Prov Sum	1	30 000.00	30 000.00
TOTAL PART 1.2 MAIN CONTRACTOR OPERATIONAL CARRIED TO SUMMARY					

**SUMMARY OF BILL OF QUANTITIES AND CALCULATION OF THE TENDER SUM**

SECTION	DESCRIPTION	AMOUNT
<b>PART 1.1</b>	<b>MANAGEMENT SECTION (MAIN CONTRACTOR)</b>	
SUB-TOTAL PART 1.1 : MANAGEMENT SECTION		
<b>PART 1.2</b>	<b>OPERATIONAL SECTION (MAIN CONTRACTOR)</b>	-
SUB-TOTAL PART 1.2 : OPERATIONAL SECTION		
<b>PART 2</b>	<b>WORK BY EME SUBCONTRACTORS</b>	
PART 2.1 EME 1	TOTAL VALUE OF SCHEDULE 2.1 - EME 1 BOQ	Total brought forward from EME 1
PART 2.2 EME 2	TOTAL VALUE OF SCHEDULE 2.2 - EME 2 BOQ	Total brought forward from EME 2
PART 2.3 EME 3	TOTAL VALUE OF SCHEDULE 2.3 - EME 3 BOQ	Total brought forward from EME 3
PART 2.4 EME 4	TOTAL VALUE OF SCHEDULE 2.4 - EME 4 BOQ	Total brought forward from EME 4
SUB-TOTAL PART 2 : WORK FOR SUBCONTRACTORS CARRIED FORWARD TO ITEM "PM 612.01" QUANTITY COLUMN		
SUB-TOTAL PART 1.1 : MANAGEMENT SECTION		
SUB-TOTAL PART 1.2: OPERATIONAL SECTION		
SUB-TOTAL PART 2 : WORK FOR SUBCONTRACTORS		
SUB-TOTAL SCHEDULE A		
VAT AT 15%		
TOTAL TENDER SUM CARRIED FORWARD TO FORM OF OFFER		

PART 2.1: EME 1

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
M0300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
M030.01	General Obligations. Measured per period Payment pro-rata to value of work done in Period				
	(a) General Mow. (Fixed sum by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 2 General mow April to June 2023	Period	1	8 000.00	8 000.00
	(b) Shoulder Mow. (Fixed sum by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	5 000.00	5 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	5 000.00	5 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	5 000.00	5 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	5 000.00	5 000.00
PM0500	<u>ACCOMMODATION OF TRAFFIC</u>				
	The required road signs will be provided by the Main Contractor				
PM050.03	Accommodation of traffic and maintaining temporary deviations. Measured per period				
	The Employer has fixed rates under Item PM050.03 (a) and (b) Payment shall be pro-rata to value of work done in Period				
	(a) General Mow. (Fixed Rate by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	10 000.00	10 000.00
	(ii) Cycle 2 general mow April to June 2023	Period	1	10 000.00	10 000.00
	(b) Shoulder Mow. (Fixed Rate by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	8 000.00	8 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	8 000.00	8 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	8 000.00	8 000.00
	<b>NOTE: The Part 2.1 EME Contractor rates for Items PM610.01 and PM610.02 shall be the same as the rates tendered by the Main Contractor for the respective Items.</b>				
	<b>Therefore the rates tendered under the items in Part 1.2 shall be transferred to the respective items in this Schedule for Part 2.1.</b>				
M6100	<u>CONTROLLING VEGETATION GROWTH: MOWING AND CUTTING</u>				
PM610.01	Shoulder mowing and removal of grass cuttings				
	(a) Reserve with dual carriageway, min width 3m excluding interchanges. Including baling/removal.	km	40		-
	(c) Shoulder mow interchanges. Including baling/removal. Refer to Table in Section C4.1.2.4	No	12		-
PM610.02	General Mowing and Removal of Grass Cuttings				
	(a) General mow reserve with dual carriageway including the full median width, excluding interchanges	km	20	-	-
	(c) General mow interchanges Refer to Table in Section C4.1.2.4	No	6		-
	(d) Extra over item PM610.02 (a) for baling and or removal of grass cuttings from reserve with dual carriageway	km	20		-
	(f) Extra over item PM610.02 (c) for baling and or removal of grass cuttings from interchanges	No	6		-
<b>TOTAL SCHEDULE 2.1 CARRIED FORWARD TO SUMMARY SCHEDULE MAIN CONTRACTOR BOQ - PART 2</b>				<b>EME 1</b>	

PART 2.1: EME 2

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
M0300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
M030.01	General Obligations. Measured per period Payment pro-rata to value of work done in Period				
	(a) General Mow. (Fixed sum by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 2 General mow April to June 2023	Period	1	8 000.00	8 000.00
	(b) Shoulder Mow. (Fixed sum by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	5 000.00	5 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	5 000.00	5 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	5 000.00	5 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	5 000.00	5 000.00
PM0500	<u>ACCOMMODATION OF TRAFFIC</u>				
	The required road signs will be provided by the Main Contractor				
PM050.03	Accommodation of traffic and maintaining temporary deviations. Measured per period				
	The Employer has fixed rates under Item PM050.03 (a) and (b) Payment shall be pro-rata to value of work done in Period				
	(a) General Mow. (Fixed Rate by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	10 000.00	10 000.00
	(ii) Cycle 2 general mow April to June 2023	Period	1	10 000.00	10 000.00
	(b) Shoulder Mow. (Fixed Rate by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	8 000.00	8 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	8 000.00	8 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	8 000.00	8 000.00
	<b>NOTE: The Part 2.1 EME Contractor rates for Items PM610.01 and PM610.02 shall be the same as the rates tendered by the Main Contractor for the respective Items.</b>				
	<b>Therefore the rates tendered under the items in Part 1.2 shall be transferred to the respective items in this Schedule for Part 2.1.</b>				
M6100	<u>CONTROLLING VEGETATION GROWTH: MOWING AND CUTTING</u>				
PM610.01	Shoulder mowing and removal of grass cuttings				
	(a) Reserve with dual carriageway, min width 3m excluding interchanges. Including baling/removal.	km	40		-
	(c) Shoulder mow interchanges. Including baling/removal. Refer to Table in Section C4.1.2.4	No	8		-
PM610.02	General Mowing and Removal of Grass Cuttings				
	(a) General mow reserve with dual carriageway including the full median width, excluding interchanges	km	20		-
	(c) General mow interchanges Refer to Table in Section C4.1.2.4	No	4		-
	(d) Extra over item PM610.02 (a) for baling and or removal of grass cuttings from reserve with dual carriageway	km	20		-
	(f) Extra over item PM610.02 (c) for baling and or removal of grass cuttings from interchanges	No	4		-
<b>TOTAL SCHEDULE 2.1 CARRIED FORWARD TO SUMMARY SCHEDULE MAIN CONTRACTOR BOQ - PART 2</b>				<b>EME 2</b>	

PART 2.1: EME 3

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
M0300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
M030.01	General Obligations. Measured per period Payment pro-rata to value of work done in Period				
	(a) General Mow. (Fixed sum by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 2 General mow April to June 2023	Period	1	8 000.00	8 000.00
	(b) Shoulder Mow. (Fixed sum by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	5 000.00	5 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	5 000.00	5 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	5 000.00	5 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	5 000.00	5 000.00
PM0500	<u>ACCOMMODATION OF TRAFFIC</u>				
	The required road signs will be provided by the Main Contractor				
PM050.03	Accommodation of traffic and maintaining temporary deviations. Measured per period				
	The Employer has fixed rates under Item PM050.03 (a) and (b) Payment shall be pro-rata to value of work done in Period				
	(a) General Mow. (Fixed Rate by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	10 000.00	10 000.00
	(ii) Cycle 2 general mow April to June 2023	Period	1	10 000.00	10 000.00
	(b) Shoulder Mow. (Fixed Rate by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	8 000.00	8 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	8 000.00	8 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	8 000.00	8 000.00
	<b>NOTE: The Part 2.1 EME Contractor rates for Items PM610.01 and PM610.02 shall be the same as the rates tendered by the Main Contractor for the respective Items.</b>				
	<b>Therefore the rates tendered under the items in Part 1.2 shall be transferred to the respective items in this Schedule for Part 2.1.</b>				
M6100	<u>CONTROLLING VEGETATION GROWTH: MOWING AND CUTTING</u>				
PM610.01	Shoulder mowing and removal of grass cuttings				
	(a) Reserve with dual carriageway, min width 3m excluding interchanges. Including baling/removal.	km	40		-
	(c) Shoulder mow interchanges. Including baling/removal. Refer to Table in Section C4.1.2.4	No	4		-
PM610.02	General Mowing and Removal of Grass Cuttings				
	(a) General mow reserve with dual carriageway including the full median width, excluding interchanges	km	20		-
	(c) General mow interchanges Refer to Table in Section C4.1.2.4	No	2		-
	(d) Extra over item PM610.02 (a) for baling and or removal of grass cuttings from reserve with dual carriageway	km	20		-
	(f) Extra over item PM610.02 (c) for baling and or removal of grass cuttings from interchanges	No	2		-
<b>TOTAL SCHEDULE 2.1 CARRIED FORWARD TO SUMMARY SCHEDULE MAIN CONTRACTOR BOQ - PART 2</b>				<b>EME 3</b>	

PART 2.1: EME 4

ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
M0300	<u>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</u>				
M030.01	General Obligations. Measured per period Payment pro-rata to value of work done in Period				
	(a) General Mow. (Fixed sum by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 2 General mow April to June 2023	Period	1	8 000.00	8 000.00
	(b) Shoulder Mow. (Fixed sum by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	5 000.00	5 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	5 000.00	5 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	5 000.00	5 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	5 000.00	5 000.00
PM0500	<u>ACCOMMODATION OF TRAFFIC</u>				
	The required road signs will be provided by the Main Contractor				
PM050.03	Accommodation of traffic and maintaining temporary deviations. Measured per period				
	The Employer has fixed rates under Item PM050.03 (a) and (b) Payment shall be pro-rata to value of work done in Period				
	(a) General Mow. (Fixed Rate by Employer)				
	(i) Cycle 1 General mow April to June 2022	Period	1	10 000.00	10 000.00
	(ii) Cycle 2 general mow April to June 2023	Period	1	10 000.00	10 000.00
	(b) Shoulder Mow. (Fixed Rate by Employer)				
	(i) Cycle 1: Shoulder mow November to December 2022	Period	1	8 000.00	8 000.00
	(ii) Cycle 1: Shoulder Mow January to February 2023	Period	1	8 000.00	8 000.00
	(iii) Cycle 2: Shoulder mow November to December 2023	Period	1	8 000.00	8 000.00
	(iv) Cycle 2: Shoulder Mow January to February 2024	Period	1	8 000.00	8 000.00
	<b>NOTE: The Part 2.1 EME Contractor rates for Items PM610.01 and PM610.02 shall be the same as the rates tendered by the Main Contractor for the respective Items.</b>				
	<b>Therefore the rates tendered under the items in Part 1.2 shall be transferred to the respective items in this Schedule for Part 2.1.</b>				
M6100	<u>CONTROLLING VEGETATION GROWTH: MOWING AND CUTTING</u>				
PM610.01	Shoulder mowing and removal of grass cuttings				
	(a) Reserve with dual carriageway, min width 3m excluding interchanges. Including baling/removal.	km	40		-
	(c) Shoulder mow interchanges. Including baling/removal. Refer to Table in Section C4.1.2.4	No	4		-
PM610.02	General Mowing and Removal of Grass Cuttings				
	(a) General mow reserve with dual carriageway including the full median width, excluding interchanges	km	20		-
	(c) General mow interchanges Refer to Table in Section C4.1.2.4	No	2		-
	(d) Extra over item PM610.02 (a) for baling and or removal of grass cuttings from reserve with dual carriageway	km	20		-
	(f) Extra over item PM610.02 (c) for baling and or removal of grass cuttings from interchanges	No	2		-
<b>TOTAL SCHEDULE 2.1 CARRIED FORWARD TO SUMMARY SCHEDULE MAIN CONTRACTOR BOQ - PART 2</b>				<b>EME 4</b>	