

ENQUIRY FOR THE CLEANING OF STORMWATER INFRASTRUCTURE AS AND WHEN REQUIRED WITHIN THE NORTH CENTRAL REGION OF ETHEKWINI MUNICIPALITY FOR 36 MONTHS

BILL OF QUANTITIES

SECTION 1 PRELIMINARY AND GENERAL

PART AA PRELIMINARIES

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PS.AB.8	Contractors fixed obligations	sum	1		
2	PS.AB.9	Contractors superintendence including transport and communication (Time related)	months	36		
3	PS.AB.10	Provision of a Community Liaison Officer (C.L.O)	PC Sum	290900	1.00	290,900.00
4	PS.AB.11	Accommodation of traffic	months	36		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL

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PART AH OCCUPATIONAL HEALTH and SAFETY

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	AH.14.1	Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction Regulations	sum	1		
2	AH.14.2	Contractor's time related obligations in respect of the Occupational Health and Safety Act and Construction Regulations	sum	1		
3	AH.14.3	Submission of the Health and Safety File	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL

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SECTION 2 CLEANING AND JETTING OF STORMWATER INFRASTRUCTURE

PART PH MANHOLES and APPURTENANT DRAINAGE WORKS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		<u>CLEANING OF BLOCKED STORMWATER MANHOLES</u>				
1	PS.SM.8.1.5	0.0M - 1.5 depth	no.	40000		
2	PS.SM.8.1.5	>1.5m - 3m depth	no.	7500		
3	PS.SM.8.1.5	>3m-5m depth	no.	1000		
4	PS.SM.8.1.5	>5m-10m depth	no.	300		
		<u>CLEANING OF BLOCKED PIPES</u>				
5	PS.SM.8.1.6	0mm-450mm diameter pipe	m	110000		
6	PS.SM.8.1.6	>450mm-600mm diameter pipe	m	15000		
7	PS.SM.8.1.6	>600mm-900mm diameter pipe	m	7500		

TOTAL CARRIED TO SECTION 2 SUMMARY: CLEANING AND JETTING OF STORMWATER INFRASTRU

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SECTION 3 CLEANING OF STORMWATER INFRASTRUCTURE

PART PH MANHOLES and APPURTENANT DRAINAGE WORKS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PS.SM.8.1.7	Cleaning of pipe culverts	m3	4500		
2	PS.SM.8.1.8	Cleaning of box/portal culvert	m3	3000		
3	PS.SM.8.1.9	Cleaning of lined open drains/canals	m3	6000		
4	PS.SM.8.1.10	Cleaning of earth drains	m3	6000		

TOTAL CARRIED TO SECTION 3 SUMMARY: CLEANING OF STORMWATER INFRASTRUCTURE

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SECTION 4 ADHOC ITEMS

PART PH MANHOLES and APPURTENANT DRAINAGE WORKS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PS.SM.8.1.11	Re-setting of stormwater cover	no.	300		
2	PS.SM.8.1.12	Extra over for channel cleaning	m	15000		
3	PS.SM.8.1.13	Removal of spoil from structure outlets by mechanical means	m3	250		
4	PS.SM.8.1.14	Use of water pump	hr	75		
5	PS.SM.8.1.15	Grass cutting	m2	15000		
6	PS.SM.8.1.16	Bush clearing	m2	30000		
7	PS.SM.8.1.17	Removal of tree	no.	30		
8	PS.SI.8.2	CCTV inspection and reporting of blocked/unblocked pipes	m	15000		

TOTAL CARRIED TO SECTION 4 SUMMARY: ADHOC ITEMS

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SECTION 5 DAY WORKS

PART AB GENERAL SPECIFICATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1		EXCAVATOR (20T)	hr	30		
2		MINI EXCAVATOR	hr	30		
3		BOB CAT	hr	30		
4		TIPPER TRUCK (10m3)	hr	30		
5		LOW BED MOVES	km	200		

TOTAL CARRIED TO SECTION 5 SUMMARY: DAY WORKS

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1	PRELIMINARY AND GENERAL		R	
	AA PRELIMINARIES	R		
	AH OCCUPATIONAL HEALTH and SAFETY	R		
2	CLEANING AND JETTING OF STORMWATER INFRASTRUCTURE		R	
	PH MANHOLES and APPURTENANT DRAINAGE WORKS	R		
3	CLEANING OF STORMWATER INFRASTRUCTURE		R	
	PH MANHOLES and APPURTENANT DRAINAGE WORKS	R		
4	ADHOC ITEMS		R	
	PH MANHOLES and APPURTENANT DRAINAGE WORKS	R		
5	DAY WORKS		R	
	AB GENERAL SPECIFICATIONS	R		
SUB TOTAL				R
ADD VAT (15%) - (only if a registered VAT Vendor)				R
TOTAL CARRIED TO FORM OF TENDER				R