

INDEX TO BILL OF QUANTITIES**SECTION 1 Preliminaries and General specifications****PART AA PRELIMINARIES****PART AB GENERAL SPECIFICATIONS****PART AH OCCUPATIONAL HEALTH and SAFETY****SECTION 2 Stormwater upgrade****PART B SITE CLEARANCE****PART C CONCRETE WORK****PART DA EARTHWORKS : BULK****PART DB EARTHWORKS FOR PIPE TRENCHES****PART ED ROAD ASPHALT****PART PG NON PRESSURE PIPELINES and PC CULVERTS****PART PH MANHOLES and APPURTENANT DRAINAGE WORKS****SECTION 3 Reinstatement****PART S REINSTATEMENT**

BILL OF QUANTITIES**SECTION 1 Preliminaries and General specifications****PART AA PRELIMINARIES**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	GCC 2015	GENERAL CONDITIONS OF CONTRACT (GCC 2015) READ IN CONJUNCTION WITH THE CONTRACT DATA	sum	1		
		Fixed Charge obligations				
2	GCC 2015	Time Related Items	sum	1		
3	C.1.2.3.1	COMMUNITY LIAISON OFFICER	PC Sum	34500	1.00	34 500.00
		Allow for a CLO to be appointed.				
4	C.1.2.3.1	% Mark-up for item 3 above	%	34500		
5	C.1.2.3.4	Local labour	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: Preliminaries and General specifications

R

PART AB GENERAL SPECIFICATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	AB.4	Contractor's Camp Site / Store Yard	sum	1		
2	AB.5	Notice Board	sum	1		
3	AB.7	Road Deviations	sum	1		
4	AB.7	Initial supply of all signs, barricades and delineators	sum	1		
5	AB.7	Maintenance of Pedestrian and Traffic Facilities	sum	1		
6	PS.13	Setting out	sum	1		
7	PS.14	Survey for, and Preparation of, 'As-Built' Drawings	sum	1		
8	PS.15	Allow the following additional items which the tenderer required to be priced separately :-	sum	1		
		a)				
9	PS.AB.6	Cost of Samples and Contractor's Preliminary and Site Control Testing	sum	1		
10	PS.AB.6	Deduction for re-test requested when density and cube tests is not as per specification as determined by acceptance testing (-R1000.00/SET)	set	0		
11	C.1.2.3.7	Excepted Risks: Establishment	sum	1		
12	C.1.2.3.7	Excepted Risks: De-establishment	sum	1		

Part Continued PART AB GENERAL SPECIFICATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
13	PS.11	Site security	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: Preliminaries and General specifications

R

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 and COVID 19 safety files.	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: Preliminaries and General specifications

R

SECTION 2 Stormwater upgrade**PART B SITE CLEARANCE**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	B.8.2	General clearance and grubbing within a servitude	m2	100		
2	B.8.2	General clearance and grubbing in contractor's camp site	m2	50		
3	B.8.9	Removal of brickwork	m3	40		
4	B.8.10	Removal of unreinforced concrete	m3	25		
5	B.8.11	Removal of reinforced concrete	m3	15		
6	B.8.14	Removal of roadways to tip	m3	20		
7	B.8.16	Removal of kerb and channel/fillet to tip	m3	10		
8	B.8.19	Removal of disused pipes of 450 mm diameter and spoil at tip. Rate to include all haulage	m	60		

TOTAL CARRIED TO SECTION 2 SUMMARY: Stormwater upgrade

R

PART C CONCRETE WORK

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C.8.1	Grade 20/26 concrete in sidewalks	m3	40		

TOTAL CARRIED TO SECTION 2 SUMMARY: Stormwater upgrade

R

PART DA EARTHWORKS : BULK

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	DA.8.2	Excavate topsoil and spoil at tip	m3	45		
2	DA.8.4	Import suitable fill material from contractor's off-site source inclusive of haulage and royalties	m3	50		
3	DA.8.6	Trimming of embankments	m2	200		

TOTAL CARRIED TO SECTION 2 SUMMARY: Stormwater upgrade

R

PART DB EARTHWORKS FOR PIPE TRENCHES

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	DB.8.5	Excavate and backfill in all material where depth is:- Over 0,0 m and not exceeding 1,5 m	m3	40		
2	DB.8.5	Excavate and backfill in all material where depth is:- Over 1,5 m and not exceeding 2,0 m	m3	40		
3	DB.8.5	Excavate and backfill in all material where depth is:- Over 2,0 m and not exceeding 2,5 m	m3	40		

Part Continued **PART DB EARTHWORKS FOR PIPE TRENCHES**

Item	Clause	Description	Unit	Quantity	Rate	Amount
4	DB.8.5	Excavate and backfill in all material where depth is:- Over 2,5 m and not exceeding 3,0 m	m3	45		
5	DB.8.6	Extra over item [1-4] for rock	m3	7		
6	DB.8.6	Extra over item [1-4] for hard material	m3	5		
7	DB.8.9/ PS.DB.8.21	Provision of clean suitable selected fill for pipe bedding from a commercial or off-site source (Rate to include all haulage and royalties)	m3	22		
8	DB.8.10	Placing and compacting of Class C pipe bedding.	m	165		
9	DB.8.19	Prove existing services by hand excavation (provisional), where depth is: - - Over 0,0 m and not exceeding 1,5 m	m3	11		
10	DB.8.19	Prove existing services by hand excavation (provisional), where depth is: - - Over 1,5 m and not exceeding 2,0 m	m3	7		
11	DB.8.19	Prove existing services by hand excavation (provisional), where depth is: - - Over 2,0 m and not exceeding 2,5 m	m3	12		
12	DB.5.15/ PS.DB.8.21	Disposal of unsuitable or surplus material from trench excavation	m3	30		

TOTAL CARRIED TO SECTION 2 SUMMARY: Stormwater upgrade

R

PART ED ROAD ASPHALT

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PS.ED.8.5	Saw Cut existing road edge	m	20		

TOTAL CARRIED TO SECTION 2 SUMMARY: Stormwater upgrade

R

PART PG NON PRESSURE PIPELINES and PC CULVERTS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PG.8.2	600 mm diameter (HDPE 4KN/m2 Pipe)	m	165		

TOTAL CARRIED TO SECTION 2 SUMMARY: Stormwater upgrade

R

PART PH MANHOLES and APPURTENANT DRAINAGE WORKS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PH.8.2	Manhole type A with light duty concrete cover. Depth :- Over 0,0 m and not exceeding 1,5 m	no.	2		
2	PH.8.2	Manhole type A with light duty concrete cover. Depth :- Over 1,5 m and not exceeding 2,0 m	no.	2		

Part Continued **PART** PH MANHOLES and APPURTENANT DRAINAGE WORKS

Item	Clause	Description	Unit	Quantity	Rate	Amount
3	PH.8.2	Manhole type A with light duty concrete cover. Depth :- - Over 2,0 m and not exceeding 2,5 m	no.	2		
4	PS.PH.8.10	Construct standard outlet headwall as per drawing no. 38576	no.	1		
5	PH.8.2	Manhole type A with light duty concrete cover. Depth :- - Over 2,5 m and not exceeding 3,0 m	no.	1		

TOTAL CARRIED TO SECTION 2 SUMMARY: Stormwater upgrade

R

SECTION 3 Reinstatement**PART S REINSTATEMENT**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	S.8.1	Reinstatement of ground surface	m2	600		
2	S.8.2	Permanent road reinstatement, Type 1 150 mm sub base 50 mm wearing course - Asphalt Private Plant	m2	30		

TOTAL CARRIED TO SECTION 3 SUMMARY: Reinstatement

R

BILL OF QUANTITIES SECTION SUMMARY**SECTION 1 Preliminaries and General specifications**

PART	AA	PRELIMINARIES	
PART	AB	GENERAL SPECIFICATIONS	
PART	AH	OCCUPATIONAL HEALTH and SAFETY	
TOTAL CARRIED TO FINAL SUMMARY			

BILL OF QUANTITIES SECTION SUMMARY**SECTION 2 Stormwater upgrade**

PART B	SITE CLEARANCE	
PART C	CONCRETE WORK	
PART DA	EARTHWORKS : BULK	
PART DB	EARTHWORKS FOR PIPE TRENCHES	
PART ED	ROAD ASPHALT	
PART PG	NON PRESSURE PIPELINES and PC CULVERTS	
PART PH	MANHOLES and APPURTENANT DRAINAGE WORKS	
TOTAL CARRIED TO FINAL SUMMARY		

BILL OF QUANTITIES SECTION SUMMARY**SECTION 3 Reinstatement**

PART S	REINSTATEMENT	
TOTAL CARRIED TO FINAL SUMMARY		

SUMMARY OF BILL OF QUANTITIES**Section**

1	Preliminaries and General specifications		R	_____
AA	PRELIMINARIES	R		_____
AB	GENERAL SPECIFICATIONS	R		_____
AH	OCCUPATIONAL HEALTH and SAFETY	R		_____
2	Stormwater upgrade		R	_____
B	SITE CLEARANCE	R		_____
C	CONCRETE WORK	R		_____
DA	EARTHWORKS : BULK	R		_____
DB	EARTHWORKS FOR PIPE TRENCHES	R		_____
ED	ROAD ASPHALT	R		_____
PG	NON PRESSURE PIPELINES and PC CULVERTS	R		_____
PH	MANHOLES and APPURTENANT DRAINAGE WORKS	R		_____
3	Reinstatement		R	_____
S	REINSTATEMENT	R		_____
SUB TOTAL				R _____
ADD VAT (15%) - (only if a registered VAT Vendor)				R _____
TOTAL CARRIED TO FORM OF TENDER				R _____