

BILL OF QUANTITIES**SECTION 1 PRELIMINARY AND GENERAL****PART AA PRELIMINARIES**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	GCC 2015/PS.1.4	GENERAL CONDITIONS OF CONTRACT (GCC 2010) READ IN CONJUNCTION WITH THE CONTRACT DATA Fixed Charge obligations	sum	1		
2	C.1.2.3.1/PS.1. 4	COMMUNITY LIAISON OFFICER Allow for a CLO to be appointed.	PC Sum	48500	1.00	48,500.00
3	C.1.2.3.1/PS.1. 4	% Mark-up for item 5 above	%	48500		
4	C.1.2.3.3/PS.1. 4	LOCAL LABOUR Allow for the weekly submission of proof of employment of local labour	sum	1		
5	GCC 2015/PS.1.4	Time Related obligations	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL**R****PART AB GENERAL SPECIFICATIONS**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	AB.2/PS.1.4	FIXED CHARGES Offices for Engineer and Staff	sum	1		
2	AB.2/PS.1.4	Services Connection Fee (electrical / water / telephone) (Provisional)	sum	1		
3	AB.4/PS.1.4	Contractor's Camp Site / Store Yard	sum	1		
4	AB.7/PS.1.4	Road Deviations	sum	1		
5	AB.7/PS.1.4	Initial supply of all signs, barricades and delineators	sum	1		
6	PS.14	Survey coordination of existing valves, manholes, catchpits, and cable duct markers	sum	1		
7	PS.13/PS.1.4	Allow for the following Additional Items which the tenderer requires to be priced separately :-	sum	1		
8		a)	sum	1		
9		b)	sum	1		
10	AB.7/PS.1.4	Maintenance of Pedestrian and Traffic Facilities	sum	1		
11	AB.7/PS.1.4	Maintenance of all signs, barricades and delineators	sum	1		

Stormwater Attenuation Pond at 7 Sandringham Court

Part Continued **PART AB GENERAL SPECIFICATIONS**

Item	Clause	Description	Unit	Quantity	Rate	Amount
12	PS.14/PS.1.4	Survey for, and Preparation of, 'As-Built' Drawings	sum	1		
13	PS.13/PS.1.4	Allow the following additional items which the tenderer required to be priced separately :-	sum	1		
		a)				
14		b)	sum	1		
15		c)	sum	1		
16	PS.11/PS.1.4	Site security	sum	1		

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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Stormwater Attenuation Pond at 7 Sandringham Court

SECTION 2 CONSTRUCTION WORK**PART B SITE CLEARANCE**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	B.8.2	General clearance and grubbing in road reserve. Spoil at tip rate to include all haulage to nearest municipal dumpsite ONLY.	m2	8		
2	B.8.2	General clearance and grubbing in contractor's camp site. Spoil at tip rate to include all haulage to nearest municipal dumpsite ONLY.	m2	80		
3	B.8.3	General clearance and grubbing for attenuation within a servitude. Spoil at tip rate to include all haulage to nearest municipal dumpsite ONLY.	m2	1330		
4	B.8.4	Removal of trees of girth exceeding 1,5 m	no.	10		
5	B.8.15	Removal of asphalt sidewalks/medians to tip. Spoil at tip rate to include all haulage to nearest municipal dumpsite ONLY.	m3	4		
6	B.8.16	Removal of kerb and channel/fillet to tip. Spoil at tip rate to include all haulage to nearest municipal dumpsite ONLY.	m3	2		
7	B.8.19	Removal of disused pipes, 500 - 800 mm diameter and spoil at tip. Rate to include all haulage	m	15		
8	B.8.9	Removal of underground brickwork (Existing Manholes)	no.	3		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK**R****PART DA EARTHWORKS : BULK**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	DA.8.3	Excavate soft material to stockpile	m3	2000		
2	DA.8.3	Excavate soft material to fill	m3	2000		
3	DA.8.3	Extra over above for excavation of unsuitable/hard material rate to include spoil at tip at Municipal Dumpsite ONLY	m3	200		
4	DA.8.5	Compact soft material from site to 95% Mod. A.A.S.H.T.O.	m3	4120		
5	PS.DA.8.12	Import suitable fill material from contractor's off-site source inclusive of haulage and royalties	m3	120		
6	DA.8.9	Formation	m3	500		

Stormwater Attenuation Pond at 7 Sandringham Court

Part Continued **PART DA EARTHWORKS : BULK**

Item	Clause	Description	Unit	Quantity	Rate	Amount
7	DA.8.7	Stockpile handling of soft material to fill	m3	2000		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK

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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 1,5 m and not exceeding 4,0 m	m3	130		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK

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PART ED ROAD ASPHALT

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PS.ED.8.9	Saw cutting Road Edge	m2	20		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK

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PART EF KERBS AND HAUNCHES

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	EF.8.1	Figure 8 Type C mountable kerb and channel	m	0		
2	EF.8.1	Figure 8 Type A barrier kerb and channel	m	15		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK

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PART EG SIDEWALKS, FOOTPATHS and MEDIAN AREAS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PS.EG.8.7	Supply and Install wooden post and guardrail	m	0		
2	EG.8.4	Brick paved sidewalk/median [Cedarburg]	m2	20		
3	EG.8.7	150mm G2 Layer	m3	40		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK

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PART PG NON PRESSURE PIPELINES and PC CULVERTS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PG.8.2/PS.PG.8.2	Supply, Weld, lay and handle 900mm OD HDPE solid wall pipe. PN10 SDR17 (tracibility and certification)	m	60		
2	PG.8.2/PS.PG.8.2	Supply, Weld, lay and handle 250 mm OD HDPE solid wall pipe. PN10 SDR17 (tracibility and certification)	m	80		
3	PG.8.11	Drainage grade geofabric blanket as surround to subsoil drainage	m2	200		

Stormwater Attenuation Pond at 7 Sandringham Court

Part Continued **PART PG NON PRESSURE PIPELINES and PC CULVERTS**

Item	Clause	Description	Unit	Quantity	Rate	Amount
4	PG.8.2/PS.PG.8.2	Supply, Weld, lay and handle 1200mm OD HDPE solid wall pipe. PN10 SDR17 (tracibility and certification)	m	10		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK

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PART PH MANHOLES and APPURTENANT DRAINAGE WORKS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PH.8.2	Manhole type A with heavy duty concrete cover. Depth :- - Over 2,5 m and not exceeding 3,0 m. As per Engineer's Design	no.	1		
2	PH.8.2	Manhole type A with light duty concrete cover. Depth :- - Over 2,0 m and not exceeding 2,5 m. As per Engineer's Design	no.	1		
3	PH.8.2	Manhole type A with light duty concrete cover. Depth :- - Over 1,5 m and not exceeding 2,0 m. As per Engineer's Design	no.	1		
4	PH.8.2	Manhole type A with light duty concrete cover. Depth :- - Over 0,0 m and not exceeding 1,5 m. As per Engineer's Design	no.	1		

TOTAL CARRIED TO SECTION 2 SUMMARY: CONSTRUCTION WORK

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Stormwater Attenuation Pond at 7 Sandringham Court

SECTION 3 PROTECTION WORK**PART F PROTECTION WORKS**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	F.8.6	Gabion boxes : 1000 mm depth	m3	60		
2	F.8.6	Gabion mattresses, 300 mm thick	m3	18		
3	PS.F.8.9	Allow for the Erosion protection with approved flora and fauna on steep embankments as directed by Engineer. Rate to include 100mm thick topsoil, Compost and Fertilizer.	m2	1430		

TOTAL CARRIED TO SECTION 3 SUMMARY: PROTECTION WORK**R**

Stormwater Attenuation Pond at 7 Sandringham Court

SECTION 4 REINSTATMENT
PART S REINSTATEMENT

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	S.8.1	Reinstatement of ground surface	m2	180		
2	S.8.3	Reinstatement of type A kerb and channel/fillet	m	15		
3	S.8.2	Reinstatement of paved areas - brick paving	m2	30		
4	S.8.4	Reinstatement of precast concrete fence 1,8 m high	m	15		

TOTAL CARRIED TO SECTION 4 SUMMARY: REINSTATMENT
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