

SUMMARY OF BILL OF QUANTITIES**Section**

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SUB TOTAL		R _____
ADD VAT (15%) - (only if a registered VAT Vendor)		R _____
TOTAL CARRIED TO FORM OF TENDER		R _____

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BILL OF QUANTITIES**SECTION 1** Preliminary and General**PART AA** PRELIMINARIES

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	GCC 2015	Fixed Charge obligations GENERAL CONDITIONS OF CONTRACT (GCC 2015) READ IN CONJUNCTION WITH THE CONTRACT DATA	sum	1		
2	GCC 2015	Time Related obligations	sum	1		
3	SANS 1921-1	Fixed Charge Items SANS 1921-1 : GENERAL ENGINEERING AND CONSTRUCTION WORKS READ IN CONJUNCTION WITH THE ASSOCIATED SPECIFICATION DATA IN THE SCOPE OF WORKS	sum	1		
4	SANS 1921-1	Time Related Items	sum	1		
5	C1.2.3.1	COMMUNITY LIAISON OFFICER Allow for a CLO to be appointed.	PC Sum	75000	1.00	75,000.00
6	C1.2.3.1	Allow for markup on item 5	%	75000		
7	C1.2.3.2	LOCAL LABOUR Allow for the weekly submission of proof of employment of local labour	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.3	FIXED CHARGES Services Connection Fee (electrical and water) (Provisional)	sum	1		
2	PS.AB.2	Offices for Engineer and Staff	sum	1		
3	AB.2	Attendance on and Maintenance of Office for Engineer and Staff	sum	1		
4	AB.5	Notice Board	sum	1		
5	AB.7	Initial supply of all signs, barricades and delineators	sum	1		
6	PS.AB.4	Contractor's Camp Site / Store Yard	sum	1		
7	AB.7	Maintenance of all signs, barricades and delineators	sum	1		
8	AB.6 PS.15	Cost of Samples and Contractor's Preliminary and Site Control Testing	sum	1		

Part Continued **PART** **AB** GENERAL SPECIFICATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
9	AB.6	Deduction for re-tests requested when item is not to specification as determined by Acceptance Testing (-R1000/test)	-R1000/set	—0	—	—
10	PS.11	Provision of security on site to guard against any disruption of the works throughout the duration of the contract	sum	1		
11		Allow the following additional items which the tenderer required to be priced separately:- a) b) c)	sum	1		
12	PS.14.1	Survey coordination of road tie-in to existing road, existing surface drains, valves, manholes, catchpits, and cable duct markers	sum	1		
13	PS.14.4	Survey for, and Preparation of, 'As-Built' Drawings	sum	1		
14	C.1.2.3.6	Site De-establishment (Provisional)	sum	1		
15	C.1.2.3.6	Site Re-establishment (Provisional)	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 PS.10	Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction Regulations	sum	1		
2	AH.14.2 PS.10	Contractor's time related obligations in respect of the Occupational Health and Safety Act and Construction Regulations	sum	1		
3	AH.14.3 PS.10	Submission of the Health and Safety File	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: Preliminary and General

R

SECTION 2 Site Clearance**PART B SITE CLEARANCE**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	B.8.2	General clearance and grubbing	m2	700		
2	B.8.2	General clearance and grubbing in contractor's campsite	m2	400		
3	B.8.5	Removal of existing damaged fences (concrete) and spoil at tip. Rate to include removal of concrete foundation and all haulage	m	15		
4	B.8.3	General clearance and cleaning in stormwater channels and manholes	m	85		
5	B.8.5	Removal of existing fence (concrete) for re-use to stockpile	m	15		
6	B.8.16	Removal of existing kerb and channel/fillet and spoil at tip	m3	20		
7	B.8.11	Breaking and removal of existing kerb and channel to spoil to allow for instalation of edge restraint kerb	m3	5		
8	B.8.4	Removal of tree stumps of girth exceeding 1,5 m	no.	11		
9	PS.21	General cleaning and removal of all material and rubble during construction and on completion of project	m2	1200		

TOTAL CARRIED TO SECTION 2 SUMMARY: Site Clearance

R

SECTION 3 Car Park**PART C CONCRETE WORK**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C.8.1	Repair existing surface drain with Grade 25/19 concrete as directed by engineer	m3	3		
2	C.8.1	Class 25/19 Concrete channel cast in-situ as per Detail C (Drawing No. 48629)	m3	6		
3	C.8.3	Shuttering and formwork to cast-in-situ concrete	m2	21		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

R

PART DA EARTHWORKS : BULK

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	DA.8.3	Excavate in all material and spoil at tip	m3	350		
2	DA.8.4	Import 300mm layer of course free-draining river sand	m3	135		
3	DA.8.5	Compaction of course free-draining river sand to 95% MOD AASHTO	m3	135		
4	DA.8.9	Formation	m2	700		
5	DA.8.5	Place and compact imported 125mm thick layer of selected subgrade material (G7 natural gravel) to 93% Mod A.A.S.H.T.O. density	m3	90		
6	DA.8.4	Import suitable subgrade material (G7 natural gravel) from contractor's off site source. Rate to be inclusive of haulage and royalties.	m3	210		
7	DA.8.3	Excavate unsuitable material below formation and spoil at tip	m3	80		
8	DA.8.3	Excavate for concrete palisade fence and spoil at tip	m3	10		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

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PART DB EARTHWORKS FOR PIPE TRENCHES

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	DB.8.19	Proving existing services (Provisional)	m3	10		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

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PART DD EARTHWORKS FOR STRUCTURES

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	DD.8.3	Supply G7 backfill material for the concrete palisade fence and compact to 93% MOD AASHTO	m3	50		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

R

PART EB GRADED CRUSHED STONE

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	EB.8.1	Graded crushed stone, 125 mm thick G4 base compacted to 98% Mod A.A.S.H.T.O. density	m3	90		
2	EB.8.2	Prime coat	m2	700		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

R

PART ED ROAD ASPHALT

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	ED.8.2	Supply and lay 35mm thick continuously graded asphalt (mix type Sa-S10) wearing course and compact to 93% Maximum Theoretical Relative Density	t	60		
2	PS.ED.8.3	Saw cut existing Asphalt surface to a depth of 50mm as per Detail A (Drawing No. 48629). Rate to include removal of asphalt to spoil.	m	40		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

R

PART EF KERBS AND HAUNCHES

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PS.EF.8.1	Type D, Figure 6 barrier kerb and fillet.	m	30		
2	EF.8.1	Precast edge restraint as per Detail D (Drawing No. 48629)	m	6		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

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PART PH MANHOLES and APPURTENANT DRAINAGE WORKS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	PH.8.5.6	Supply and install Polymer Manhole Grid and frame 600mm X 600mm	no.	1		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

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PART TA ROAD SIGNS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	TA.8.1	Supply and erect road sign boards, area not exceeding 2m ²	m ²	5		
2	TA.8.4	Concrete grade 20/19 for road sign footings	m ³	1		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

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PART TB ROAD MARKINGS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	TB.8.1.1	Painted road lines 100mm wide (white), including setting out and premarking	km	0.6		

Part Continued **PART** **TB** **ROAD MARKINGS**

Item	Clause	Description	Unit	Quantity	Rate	Amount
2	TB.8.1.1	Painted road lines 100mm wide (yellow), including setting out and premarking	km	0.3		
3	TB.8.1.2	Road Marking for lettering, symbols and traffic islands (white), including setting out lettering, symbols and traffic island markings.	m2	15		

TOTAL CARRIED TO SECTION 3 SUMMARY: Car Park

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SECTION 4 Protection Works**PART F PROTECTION WORKS**

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	F.8.8 PS.F.8.8	Supply and install new concrete palisade fencing including razor wire as directed by Engineer on site	m	15		
2	PS.F.8.10	Erection of concrete palisade fences from on-site stockpile. Rate to include stockpile handling as directed by Engineer on site	m	15		
3	PS.F.8.9	Supply and lay Grade A4 Geofabric blanket	m2	450		

TOTAL CARRIED TO SECTION 4 SUMMARY: Protection Works

R