

C.2.2.1 : INDEX TO BILL OF QUANTITIES

SECTION 1 PRELIMINARY AND GENERAL

PART 0102	C1.2 GENERAL REQUIREMENTS AND PROVISIONS
PART 0103	C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND
PART 0105	C1.5 ACCOMMODATION OF TRAFFIC

SECTION 2 PEDESTRIAN BRIDGE 1 - 109097 STR

PART 0106	C1.6 CLEARING AND GRUBBING
PART 0107	C1.7 LOADING AND HAULING
PART 1206	C12.6 MECH STABILISED FILL AND GABIONS
PART 1301	C13.1 FOUNDATIONS
PART 1302	C13.2 FALSEWORK, FORMWORK AND CONCRETE
PART 1303	C13.3 STEEL REINFORCEMENT
PART 1304	C13.4 CONCRETE
PART 1308	C13.8 ANCILLARY STRUCTURAL ELEMENTS

SECTION 3 PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

PART 0106	C1.6 CLEARING AND GRUBBING
PART 0107	C1.7 LOADING AND HAULING
PART 1206	C12.6 MECH STABILISED FILL AND GABIONS
PART 1301	C13.1 FOUNDATIONS
PART 1302	C13.2 FALSEWORK, FORMWORK AND CONCRETE
PART 1303	C13.3 STEEL REINFORCEMENT
PART 1304	C13.4 CONCRETE
PART 1308	C13.8 ANCILLARY STRUCTURAL ELEMENTS

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

BILL OF QUANTITIES

SECTION 1 PRELIMINARY AND GENERAL

PART 0102 C1.2 GENERAL REQUIREMENTS AND PROVISIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		<u>Contract</u>				
1	GCC	GENERAL CONDITIONS OF CONTRACT (GCC 2015) READ IN CONJUNCTION WITH THE CONTRACT DATA	sum	1		
2		Time Related Obligations	sum	1		
3	SANS 1921-1	SANS 1921-1 : GENERAL ENGINEERING AND CONSTRUCTION WORKS READ IN CONJUNCTION WITH THE ASSOCIATED SPECIFICATION DATA IN THE SCOPE OF WORKS	sum	1		
4		Time Related obligations	sum	1		
		<u>Environmental Management</u>				
5	C1.2.1.1	Environmental Management:Monitoring of compliance with and reporting on the EMP	months	5		
6	C1.2.1.2	Dedicated environmental officer (ECO)	months	5		
		<u>Programming and Reporting</u>				
7	C1.2.2.3	Submission of a Scheme 2 Initial Programme	Lump sum	1		
8	C1.2.2.5	Reviewing and updating a Scheme 2 programme every month	months	5		
		<u>Other Documentation</u>				
9	C1.2.2.6	Preparation and submission of all information and reports specified in the Contract Documentation	months	5		
		<u>Stakeholder Management and Liaison</u>				
10	C1.2.4	Stakeholder liaison	months	5		
		<u>Health and Safety</u>				
11	C1.2.5.1	Safety:Health and safety plan	Lump sum	1		
12	C1.2.5.2	Implementation of health and safety plan	months	5		
		<u>Work adjacent to properties</u>				
13	C1.2.6.1	Survey of adjacent properties	no	10		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 0102 C1.2 GENERAL REQUIREMENTS AND PROVISIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		<u>Community Liaison Officer</u>				
14	PS.C1.2.10	Allow for 2 CLO's to be appointed	PC Sum	180000	1.00	180,000.00
15		Handling costs and profits in respect of item 14 above.	%	180000		
		<u>Site Security</u>				
16	PS.11	Provision of security on both sites to guard against any disruption of the works throughout the duration of the contract	months	5		
17	PS. 12	Local Labour	sum	1		
18		Provision for alternative foundations	sum	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL

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PART 0103 C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C1.3.1.1	The Contractor's general obligations:Fixed obligations	Lump sum	1		
2	C1.3.1.3	Time-related obligations	months	5		
3	C1.3.2	Contract sign boards	m2	1		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL

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PART 0105 C1.5 ACCOMMODATION OF TRAFFIC

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C1.5.1.1	Accommodation of pedestrian and non-motorised traffic:Accommodation of pedestrian and non-motorised traffic	months	5		
2	C1.5.1.2(a)	Construction of temporary pedestrian walkways and/or cycle paths:(a) Gravel surfaced pedestrian walkways / cycle paths	m2	100		
3	C1.5.2	Accommodation of vehicular traffic	months	5		
		<u>Provision of safety equipment for visitors</u>				
4	C1.5.11.1	Provision of reflective safety vests for visitors	no	4		
5	C1.5.11.2	Provision of hard hats for visitors	no	4		

TOTAL CARRIED TO SECTION 1 SUMMARY: PRELIMINARY AND GENERAL

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The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

SECTION 2 PEDESTRIAN BRIDGE 1 - 109097 STR

PART 0106 C1.6 CLEARING AND GRUBBING

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C1.6.1.1	Clearing:Clearing with machines and some hand labour where necessary	ha	0.1		
2	C1.6.1.2	Clearing with hand labour only when labour enhanced work is specified	ha	0.02		
3	C1.6.2.1	Grubbing:Grubbing with machines and some hand labour where necessary	ha	0.1		
4	C1.6.2.2	Grubbing with hand labour when labour enhancement work is specified or it is not practical to use a machine	ha	0.02		
5	C1.6.4.1	Removal of buildings and structures: (Reinforced concrete walkways)	Lump sum	1		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

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PART 0107 C1.7 LOADING AND HAULING

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C1.7.1.1	Loading:Loading from stockpile using machines and some hand labour where necessary	m3	70		
2	C1.7.2.1(a)	Hauling:Hauling material for use in the Works and off-loading it on the site of the Works:(a) Soil, gravel, crushed stone and pavement layer material	m3 * km	20		
3	C1.7.2.1(b)	(b) Boulders and hard material	m3 * km	20		
4	C1.7.2.2(a)	Hauling material to spoil and off-loading it at a designated spoil area:(a) Cleared and grubbed material (organic matter and all other unsuitable or waste material)	m3 * km	20		
5	C1.7.2.2(b)	(b) Soil and gravel material	m3 * km	20		
6	C1.7.2.2(c)	(c) Boulders and hard material	m3 * km	20		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

R

PART 1206 C12.6 MECH STABILISED FILL AND GABIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C12.6.14.1(a)	Reno Mattress and Gabions Foundation trench excavation: Excavating all material situated within the following depth ranges below the surface level(a) 0 m to 1,5 m	m3	120		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 1206 C12.6 MECH STABILISED FILL AND GABIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
2	C12.6.14.1(b)	Foundation trench excavation: Excavating all material situated within the following depth ranges below the surface level(b) Exceeding 1,5 m and up to 3,0 m	m3	120		
3	C12.6.14.2	Extra over sub-item C12.6.14.1 for excavation in hard material, irrespective of depth	m3	24		
4	C12.6.15	Surface preparation for bedding the gabions	m2	200		
5	C12.6.16.2	PVC coated gabion boxes (1m x 1m x 1m)	m3	30		
6	C12.6.16.2	PVC coated gabion boxes (2m x 1m x 1m)	m3	25		
7	C12.6.16.4	PVC-coated gabion mattresses (3m x 1m x 0.3)	m3	120		
8	C12.6.17	Geotextile (Drainage grade B geofabric)	m2	300		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

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PART 1301 C13.1 FOUNDATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		<u>Access and Drainage</u>				
1	C13.1.6.1	Access	sum	1		
2	C13.1.6.2	Drainage	sum	1		
		<u>Foundation Investigations</u>				
3	C13.1.1	Provision of designs and drawings of temporary works by an ECSA-registered Geotechnical Engineer (Ground investigations):	sum	1		
4	C13.1.2.1	Provisional sum allowed for additional foundation investigations	PC Sum	50000	1.00	50,000.00
5	C13.1.2.2	Handling costs and profit in respect of item C13.1.2.1	%	50000		
		<u>Excavations</u>				
6	C13.1.3.1.(a)	Excavation: Excavating soft material situated within the following successive depth ranges:(a) 0 m up to 1,5 m	m3	45		
7	C13.1.3.1.(b)	(b) > 1,5 m and < 3,0 m	m3	45		
8	C13.1.3.1.(c)	(c) Etc. in increments of 1,5 m	m3	10		
9	C13.1.3.2	Extra over subitem C13.1.3.1 for excavation in hard material irrespective of depth	m3	10		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 1301 C13.1 FOUNDATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
10	C13.1.3.3	Extra over subitem C13.1.3.1 for additional excavation required by the Engineer after excavation is complete	m3	10		
		<u>Backfilling</u>				
11	C13.1.7.1	Backfill to excavations utilising Material from excavation	m3	20		
12	C13.1.7.2	Backfill to excavations utilising Imported material from the Contractor's own source	m3	50		
		<u>Foundation Fill</u>				
13	C13.1.14.1	Foundation fill consisting of Rock fill	m3	15		
14	C13.1.14.4	Foundation fill consisting of Mass concrete (C25/30-20)	m3	12		
		<u>Doweling and Rock Anchors</u>				
15	C13.1.16	Establishment on site for drilling of holes and grouting of rock fissures (Core drilling)	sum	1		
16	C13.1.17	Moving to and setting up equipment at each hole to be drilled for grouting	no	4		
17	C13.1.18	Drilling of holes for grouting (50mm Dia. Core drilling)	m	18		
18	C13.1.19	Dowel bars: Drilling and preparation of holes (3m long Y32's)	kg	125		
19	C13.1.20.2	Supply and installation of dowel bars (32mm Dia. High tensile strength steel with expanding grout)	kg	125		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

R

PART 1302 C13.2 FALSEWORK, FORMWORK AND CONCRETE

Item	Clause	Description	Unit	Quantity	Rate	Amount
		<u>Substructure</u>				
1	C13.2.2	Vertical formwork to provide class of finish indicated as F1 surface finish to foundation bases	m2	18		
2	C13.2.2	Vertical formwork to provide class of finish indicated as F1 surface finish to hidden abutment wall surfaces	m2	42		
3	C13.2.2	Vertical formwork to provide class of finish indicated as F3 surface finish to exposed abutment wall surfaces	m2	42		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 1302 C13.2 FALSEWORK, FORMWORK AND CONCRETE

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Superstructure				
4	C13.2.2	Vertical formwork to provide class of finish indicated as F3 surface finish to deck parapet beams	m2	132		
5	C13.2.4	Inclined formwork to provide class of finish indicated as F3 surface finish to deck soffit	m2	65		
6	C13.2.10	Provision of designs and drawings of falsework and formwork by an ECSA registered competent person (Deck staging)	sum	1		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

R

PART 1303 C13.3 STEEL REINFORCEMENT

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Bridge bases				
1	C13.3.1.1(a)	Reinforcement for base:(a) Mild-steel bars (R)	t	0.5		
2	C13.3.1.1(b)	Reinforcement for base: (b) High-yield-stress-steel bars (Y)	t	2		
		Abutment Walls				
3	C13.3.1.1(a)	Reinforcement for abutment walls:(a) Mild-steel bar(R)	t	0.5		
4	C13.3.1.1(b)	Reinforcement for abutment walls: (b) High-yield-stress-steel bars (Y)	t	3		
		Bridge Deck				
5	C13.3.1.1(a)	Reinforcement for deck:(a) Mild-steel bars (R)	t	0.5		
6	C13.3.1.1(b)	Reinforcement for deck: (b) High-yield-stress-steel bars (Y)	t	4.4		
		Walkways				
7	C13.3.1.1(c)	Reinforcement for pedestrian walkways and sidewalks: (c) Welded Steel Fabric (ref193)	kg	500		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

R

PART 1304 C13.4 CONCRETE

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C13.3.1.1(a)	Cast in situ concrete: Blinding C12/15-20	m3	2		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 1304 C13.4 CONCRETE

Item	Clause	Description	Unit	Quantity	Rate	Amount
		<u>Durable concrete (class D)</u>				
2	C13.3.1.1(c)	Cast in situ concrete: Base D25/30-20-XC4	m3	12		
3	C13.3.1.1(c)	Cast in situ concrete: Abutment walls D25/30-20-XC4	m3	18		
4	C13.3.1.1(c)	Cast in situ concrete: Deck D25/30-20-XC4	m3	31		
		<u>Walkway</u>				
5	C13.3.1.1(a)	Cast in situ concrete: Walkways and sidewalks C20/25-20	m3	10		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

R

PART 1308 C13.8 ANCILLARY STRUCTURAL ELEMENTS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C13.8.10.1(a)	Drainage pipes and weep holes: Weepholes and deck scuppers: 50mm Dia. U-PVC	m	10		
2	C13.8.4	Concrete pedestrian railings (drawing ref...)	m	40		

TOTAL CARRIED TO SECTION 2 SUMMARY: PEDESTRIAN BRIDGE 1 - 109097 STR

R

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

SECTION 3 PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

PART 0106 C1.6 CLEARING AND GRUBBING

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C1.6.1.1	Clearing:Clearing with machines and some hand labour where necessary	ha	0.02		
2	C1.6.1.2	Clearing with hand labour only when labour enhanced work is specified	ha	0.01		
3	C1.6.2.1	Grubbing:Grubbing with machines and some hand labour where necessary	ha	0.02		
4	C1.6.2.2	Grubbing with hand labour when labour enhancement work is specified or it is not practical to use a machine	ha	0.01		
5	C1.6.4.1	Removal of buildings and structures: (Reinforced concrete walkways)	Lump sum	1		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

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PART 0107 C1.7 LOADING AND HAULING

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C1.7.1.1	Loading:Loading from stockpile using machines and some hand labour where necessary	m3	30		
2	C1.7.2.1(a)	Hauling:Hauling material for use in the Works and off-loading it on the site of the Works:(a) Soil, gravel, crushed stone and pavement layer material	m3 * km	20		
3	C1.7.2.1(b)	(b) Boulders and hard material	m3 * km	10		
4	C1.7.2.2(a)	Hauling material to spoil and off-loading it at a designated spoil area:(a) Cleared and grubbed material (organic matter and all other unsuitable or waste material)	m3 * km	100		
5	C1.7.2.2(b)	(b) Soil and gravel material	m3 * km	20		
6	C1.7.2.2(c)	(c) Boulders and hard material	m3 * km	20		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

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PART 1206 C12.6 MECH STABILISED FILL AND GABIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C12.6.14.1(a)	Reno Mattress and Gabions Foundation trench excavation: Excavating all material situated within the following depth ranges below the surface level(a) 0 m to 1,5 m	m3	30		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 1206 C12.6 MECH STABILISED FILL AND GABIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
2	C12.6.14.1(b)	Foundation trench excavation: Excavating all material situated within the following depth ranges below the surface level(b) Exceeding 1,5 m and up to 3,0 m	m3	30		
3	C12.6.14.2	Extra over sub-item C12.6.14.1 for excavation in hard material, irrespective of depth	m3	20		
4	C12.6.15	Surface preparation for bedding the gabions	m2	150		
5	C12.6.16.2	PVC coated gabion boxes (1m x 1m x 1m)	m3	50		
6	C12.6.16.2	PVC coated gabion boxes (1.5m x 1m x 1m)	m3	65		
7	C12.6.16.2	PVC coated gabion boxes (2m x 1m x 1m)	m3	80		
8	C12.6.16.4	PVC-coated gabion mattresses (3m x 1m x 0.3)	m3	18		
9	C12.6.17	Geotextile (Drainage grade B geofabric)	m2	350		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

R

PART 1301 C13.1 FOUNDATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
		<u>Access and Drainage</u>				
1	C13.1.6.1	Access	sum	1		
2	C13.1.6.2	Drainage	sum	1		
		<u>Foundation Investigations</u>				
3	C13.1.1	Provision of designs and drawings of temporary works by an ECSA-registered Geotechnical Engineer (Ground investigations):	sum	1		
4	C13.1.2.1	Provisional sum allowed for additional foundation investigations	PC Sum	50000	1.00	50,000.00
5	C13.1.2.2	Handling costs and profit in respect of item C13.1.2.1	%	50000		
		<u>Excavations</u>				
6	C13.1.3.1.(a)	Excavation: Excavating soft material situated within the following successive depth ranges:(a) 0 m up to 1,5 m	m3	20		
7	C13.1.3.1.(b)	(b) > 1,5 m and < 3,0 m	m3	20		
8	C13.1.3.1.(c)	(c) Etc. in increments of 1,5 m	m3	20		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 1301 C13.1 FOUNDATIONS

Item	Clause	Description	Unit	Quantity	Rate	Amount
9	C13.1.3.2	Extra over subitem C13.1.3.1 for excavation in hard material irrespective of depth	m3	20		
10	C13.1.3.3	Extra over subitem C13.1.3.1 for additional excavation required by the Engineer after excavation is complete	m3	10		
		Backfilling				
11	C13.1.7.1	Backfill to excavations utilising Material from excavation	m3	20		
12	C13.1.7.2	Backfill to excavations utilising Imported material from the Contractor's own source	m3	30		
		Foundation Fill				
13	C13.1.14.1	Foundation fill consisting of Rock fill	m3	10		
14	C13.1.14.4	Foundation fill consisting of Mass concrete (C25/30-20)	m3	5		
		Doweling and Rock Anchors				
15	C13.1.16	Establishment on site for drilling of holes and grouting of rock fissures (Core drilling)	sum	1		
16	C13.1.17	Moving to and setting up equipment at each hole to be drilled for grouting	no	4		
17	C13.1.18	Drilling of holes for grouting (50mm Dia. Core drilling)	m	20		
18	C13.1.19	Dowel bars: Drilling and preparation of holes (3m long Y32's)	kg	125		
19	C13.1.20.2	Supply and installation of dowel bars (32mm Dia. High tensile strength steel with expanding grout)	kg	125		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

R

PART 1302 C13.2 FALSEWORK, FORMWORK AND CONCRETE

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Substructure				
1	C13.2.2	Vertical formwork to provide class of finish indicated as F1 surface finish to foundation bases	m2	18		
2	C13.2.2	Vertical formwork to provide class of finish indicated as F1 surface finish to hidden abutment wall surfaces	m2	42		

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

Part Continued **PART** 1302 C13.2 FALSEWORK, FORMWORK AND CONCRETE

Item	Clause	Description	Unit	Quantity	Rate	Amount
3	C13.2.2	Vertical formwork to provide class of finish indicated as F3 surface finish to exposed abutment wall surfaces Superstructure	m2	42		
4	C13.2.2	Vertical formwork to provide class of finish indicated as F3 surface finish to deck parapet beams	m2	132		
5	C13.2.4	Inclined formwork to provide class of finish indicated as F3 surface finish to deck soffit	m2	65		
6	C13.2.10	Provision of designs and drawings of falsework and formwork by an ECSA registered competent person (Deck staging)	sum	1		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

R

PART 1303 C13.3 STEEL REINFORCEMENT

Item	Clause	Description	Unit	Quantity	Rate	Amount
		Bridge Bases				
1	C13.3.1.1(a)	Reinforcement for base:(a) Mild-steel bars (R)	t	0.1		
2	C13.3.1.1(b)	Reinforcement for base: (b) High-yield-stress-steel bars (Y)	t	1.5		
		Abutment Walls				
3	C13.3.1.1(a)	Reinforcement for abutment walls:(a) Mild-steel bar(R)	t	0.1		
4	C13.3.1.1(b)	Reinforcement for abutment walls: (b) High-yield-stress-steel bars (Y)	t	2.5		
		Bridge Deck				
5	C13.3.1.1(a)	Reinforcement for deck:(a) Mild-steel bars (R)	t	0.1		
6	C13.3.1.1(b)	Reinforcement for deck: (b) High-yield-stress-steel bars (Y)	t	5.4		
		Pedestrian Walkways				
7	C13.3.1.1(c)	Reinforcement for pedestrian walkways and sidewalks: (c) Welded Steel Fabric (ref193)	kg	500		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

R

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

PART 1304 C13.4 CONCRETE

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C13.3.1.1(a)	Cast in situ concrete: Blinding C12/15-20	m3	1		
2	C13.3.1.1(c)	Cast in situ concrete: Base D25/30-20-XC4	m3	12		
3	C13.3.1.1(c)	Cast in situ concrete: Abutment walls D25/30-20-XC4	m3	18		
4	C13.3.1.1(c)	Cast in situ concrete: Deck D25/30-20-XC4	m3	32.4		
5	C13.3.1.1(a)	Cast in situ concrete: Walkways and sidewalks C20/25-20	m3	10		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

R

PART 1308 C13.8 ANCILLARY STRUCTURAL ELEMENTS

Item	Clause	Description	Unit	Quantity	Rate	Amount
1	C13.8.10.1(a)	Drainage pipes and weep holes: Weepholes and deck scuppers: 75mm Dia. U-PVC	m	10		
2	C13.8.4	Concrete pedestrian railings (drawing ref)	m	60		

TOTAL CARRIED TO SECTION 3 SUMMARY: PEDESTRIAN BRIDGE 2 - UMLAZI MISSION

R

The construction of pedestrian bridges near 109097 Street and off the Umlazi mission reserve cul-de-sac in Umlazi, Ward 83

C.2.2.3 : SUMMARY OF BILL OF QUANTITIES

1	PRELIMINARY AND GENERAL		R	_____
	0102 C1.2 GENERAL REQUIREMENTS AND PROVISIONS	R	_____	
	0103 C1.3 CONTRACTOR'S SITE ESTABLISHMENT AND	R	_____	
	0105 C1.5 ACCOMMODATION OF TRAFFIC	R	_____	
2	PEDESTRIAN BRIDGE 1 - 109097 STR		R	_____
	0106 C1.6 CLEARING AND GRUBBING	R	_____	
	0107 C1.7 LOADING AND HAULING	R	_____	
	1206 C12.6 MECH STABILISED FILL AND GABIONS	R	_____	
	1301 C13.1 FOUNDATIONS	R	_____	
	1302 C13.2 FALSEWORK, FORMWORK AND CONCRETE	R	_____	
	1303 C13.3 STEEL REINFORCEMENT	R	_____	
	1304 C13.4 CONCRETE	R	_____	
	1308 C13.8 ANCILLARY STRUCTURAL ELEMENTS	R	_____	
3	PEDESTRIAN BRIDGE 2 - UMLAZI MISSION		R	_____
	0106 C1.6 CLEARING AND GRUBBING	R	_____	
	0107 C1.7 LOADING AND HAULING	R	_____	
	1206 C12.6 MECH STABILISED FILL AND GABIONS	R	_____	
	1301 C13.1 FOUNDATIONS	R	_____	
	1302 C13.2 FALSEWORK, FORMWORK AND CONCRETE	R	_____	
	1303 C13.3 STEEL REINFORCEMENT	R	_____	
	1304 C13.4 CONCRETE	R	_____	
	1308 C13.8 ANCILLARY STRUCTURAL ELEMENTS	R	_____	
SUB TOTAL			R	_____
ADD VAT (15%) - (only if a registered VAT Vendor)			R	_____
TOTAL CARRIED TO FORM OF OFFER AND ACCEPTANCE (C.1.1)			R	_____