

CONTRACT NO. ZNB01871/00000/00/PMC/INF/23/T: THE UPGRADE OF MSUNDUZI RIVER BRIDGE(GRIMTHORPE AVE TO BISHOPSTOWE) ON DISTRICT ROAD D669 KM 2.54 IN THE UMGUNGUNDLOVU MUNICIPALITY UNDER PIETERMARITZBURG REGION

SCHEDULE A: ROAD WORKS

SCHEDULE A: ROADWORKS					CHAPTER C1.2
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.2	GENERAL REQUIREMENTS AND PAYMENT				
C1.2.1	Environmental Management				
C1.2.1.1	Monitoring of compliance with and reporting on the EMP	month	18		
C1.2.1.2	Dedicated environmental officer	month	18		
C1.2.2	Programming and Reporting				
C1.2.2.3	Submission of a Scheme 2 Initial Programme	Lump Sum	1		
C1.2.2.4	Submission of a Scheme 2 Final Programme	month	18		
C1.2.2.5	Reviewing and updating a Scheme 2 Programme	month	18		
C1.2.2.6	Preparation and submission of all information and reports specified in the Contract Documentation	month	18		
C1.2.4	Stakeholder Liaison	month	18		
C1.2.5	Safety				
C1.2.5.1	Health and safety plan	Lump Sum	1		
C1.2.5.2	Implementation of health and safety plan	month	18		
C1.2.6	Work adjacent to properties				
C1.2.6.1	Survey of adjacent properties	No	7		
C1.2.6.2	Preventive and/or mitigation measures	Prov Sum	20 000	1	R 20 000.00
C1.2.6.3	Handling cost, profit and all other charges in respect of item C1.2.6.2	%	20 000.00		
C1.2	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.2
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.2.8	Dayworks				
C1.2.8.1	Personnel				
(a)	Unskilled labourer	hour	40		
(b)	Semi-skilled labourer	hour	30		
(c)	Skilled labourer	hour	10		
(d)	Gang leader	hour	10		
(e)	Foreman	hour	10		
(f)	Skilled Artisan	hour	30		
C1.2.8.2	Construction Equipment				
(a)	Motor grader	hour	15		
(b)	Vibratory roller	hour	15		
(c)	Pneumatic roller	hour	15		
(d)	Front end loader backhoe	hour	15		
(e)	Excavator	hour	15		
(f)	Compressor	hour	50		
(h)	Generators, alternators or welding sets	hour	20		
(i)	Concrete mixer	hour	50		
C1.2	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.2
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.2.8.3	Vehicles				
(a)	Light delivery vehicle	km	1000		
(b)	Flatbed truck	km	1000		
(c)	Dump Truck	km	1000		
C1.2.8.4	Materials				
(a)	Procurement of materials	Prov Sum	50 000	1	R 50 000.00
(b)	Contractor's handling costs, profit and all other charges in respect of item C1.2.8.4(a)	%	50 000.00		
C1.2.9	Disposal of non-usable assets				
C1.2.9.2	Disposal of non-usable assets not identified at time of tender	Prov Sum	10 000	1	R 10 000.00
C1.2.9.3	Handling cost, profit and all other charges in respect of item C1.2.9.2	%	10 000.00		
C1.2	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.3
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.3	CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS				
C1.3.1	The Contractor's general obligations				
C1.3.1.1	Fixed obligations	Lump Sum	1		
C1.3.1.3	Time-related obligations	month	18		
C1.3.2	Contract sign boards	m ²	7		
C1.3	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS					CHAPTER C1.4
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.4	FACILITIES FOR THE ENGINEER				
C1.4.1	Site accommodation				
C1.4.1.1	Offices and conference room	m ²	35		
C1.4.1.6	Car ports	No	2		
C1.4.1.7	Ablution unit (equipment as specified)	No	4		
C1.4.1.9	Kitchen unit (including stove, refrigerator, dining table, chairs, concrete working table, cupboard, sink, refuse-bin, taps, hot and cold water supply, electricity plug points, electrical light fittings, burglar proofing, washing lines and 100mm thick open concrete floor slab)	No	1		
C1.4.2	Items measured by area				
C1.4.2.9	White boards	m ²	10		
C1.4.3	Items measured by number				
C1.4.3.1	Office swivel chair	No	3		
C1.4.3.2	Office chair	No	6		
C1.4.3.3	Draughtsman's stool	No	1		
C1.4.3.5	Office desk with 3 drawers (at least one lockable drawer)	No	3		
C1.4.3.7	Drawing table	No	1		
C1.4.3.8	Conference table	No	1		
C1.4.3.10	Filing cabinet	No	2		
C1.4.3.11	General purpose steel cabinet with shelves	No	2		
C1.4.3.12	Wall mounted pivot plan filing system	No	1		
C1.4.3.13	220/250 volt power outlet plug point	No	10		
C1.4	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.4
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.4.3.14	400/231 volt 2-phase power outlet plug point	No	4		
C1.4.3.15	Single 1 500 mm, 58 watt fluorescent tube ceiling light	No	10		
C1.4.3.16	Single 1 500 mm, 22 watt LED tube ceiling light	No	10		
C1.4.3.17	11 watt compact fluorescent bulb ceiling light	No	10		
C1.4.3.18	7 watt LED bulb ceiling light	No	10		
C1.4.3.23	Fire extinguisher 9,0 kg, dry powder type	No	5		
C1.4.3.24	Air-conditioning unit	No	3		
C1.4.3.27	Waste paper basket	No	3		
C1.4.3.29	A3 / A4 colour printer, copier, scanner	No	1		
C1.4.3.31	Rain gauge	No	1		
C1.4.3.32	Minimum / maximum atmospheric temperature gauge	No	1		
C1.4.3.35	3,0 m aluminium straight edge complete with two measuring wedges	No	1		
C1.4.3.36	Measuring wheel	No	1		
C1.4.3.37	First aid kit	No	1		
C1.4.4	Prime cost items				
C1.4.4.1	Cell phones costs, including pro-rate rentals, for calls made in connection with contract administration	PC Sum	80 000	1	R 80 000.00
C1.4.4.2	Handling cost and profit in respect of item C1.4.4.1	%	80 000.00		
C1.4	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.4
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.4.4.5	The provision of internet connectivity and WIFI data for Engineer's site staff	PC Sum	20 000	1	R 20 000.00
C1.4.4.6	Handling cost and profit in respect of item C1.4.4.5	%	20 000.00		
C1.4.4.7	The provision of paper and ink for a combination colour printer/copier/scanner	PC Sum	10 000	1	R 10 000.00
C1.4.4.8	Handling cost and profit in respect of item C1.4.4.7	%	10 000.00		
C1.4.4.9	The provision of a complete 220/250 volt single phase electrical power installation, including all poles, insulators, wiring, switchboards, mains connection, meters, etc.	PC Sum	100 000	1	R 100 000.00
C1.4.4.10	Handling cost and profit in respect of item C1.4.4.9	%	100 000.00		
C1.4.5	Services at site offices, laboratories and site accommodation				
C1.4.5.1	Fixed costs	Lump Sum	1		
C1.4.5.2	Running costs	month	18		
C1.4.8	Site security measures for the Engineer's facilities				
C1.4.8.1	Supply and installation of all required security measures at the Engineer's site offices and laboratories	Lump Sum	1		
C1.4.8.2	Provision of security guards / watchmen and an armed response service at the Engineer's site offices and laboratories	month	18		
C1.4	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS					CHAPTER C1.5
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C1.5	ACCOMMODATION OF TRAFFIC				
C1.5.1	Accommodation of pedestrian and non-motorised traffic				
C1.5.2	Accommodation of vehicular traffic	month	18		
C1.5.3	Liaison with traffic authorities	month	18		
C1.5.4	Construction of temporary deviations				
	The applicable payment items required for the construction of temporary deviations shall be taken from the relevant chapters and sections in Chapter 1, 3, 5, 9 and 10 and inserted into the Pricing Schedule here. Each payment item for the construction of temporary deviations shall be preceded by the main payment item number C1.5.4 / followed by the payment number for the applicable payment item	Unit must relate to relevant pay item from the relevant chapters and sections			
C1.5.4 / C1.6.1.1	Clearing with machines and some hand labour where necessary	ha	0.166		
C1.5.4 / C1.6.2.1	Clearing with hand labour only when labour enhanced work is specified	ha	0.10		
C1.5.4 / C1.7.2.1	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	m ³ - km	248.00		
(b)	Boulders and hard material	m ³ - km	28.00		
C1.5.4 / C1.7.2.2	Hauling material to spoil and off-loading it at a designated spoil or stockpile are:				
(a)	Cleared and grubbed material (organic matter and all other unsuitable or waste material)	m ³ - km	3 320.00		
(b)	Soil and gravel material	m ³ - km	4 950.00		
(c)	Boulders, hard material and concrete	m ³ - km	550.00		
C1.5	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.5
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.5.4 / C3.2.1.2	Excavating soft material 0 m to 1,5 m below the surface level using labour enhanced construction methods, or instructed by hand under Clause A3.2.7.2d):	m ³	72.00		
C1.5.4 / C3.2.1.4	Extra over sub-item C3.2.1.1 for excavation in hard or boulder material, irrespective of depth	m ³	30.00		
C1.5.4 / C3.2.2 C1.5.4 / C3.2.2.1	Backfilling: Using the excavated material	m ³	59.00		
C1.5.4 / C3.2.3	Concrete pipe culverts:				
C1.5.4 / C3.2.3.3 (b)	On Class C bedding 6000mm dia. Class 100D	m	15.00		
(d)	900mm dia. Class 100D	m	15.00		
C1.5.4 / C4.2.9	Excavate material to spoil in sites designated by the Contractor, material obtained from				
C1.5.4 / C4.2.9.1	Soft excavation, overburden and unstable material	m ³	248.00		
C1.5.4 / C4.2.9.2	Boulder excavation class A	m ³	14.00		
C1.5.4 / C4.2.9.4	Hard excavation (other than by blasting)	m ³	14.00		
C1.5.4 / C4.4.2	Commercial materials identified by the Contractor from commercial, private or other non-commercial suppliers				
C1.5.4 / C4.4.2.1(q)	Gravel wearing course	m ³	550.00		
C1.5.4 / C5.1.1 C1.5.4 / C5.1.1.1	Roadbed construction and compaction Compaction of in-situ material to 90% of MDD	m ³	331.00		
C1.5	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.5
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.5.4 / C5.2.2	Fill construction				
C1.5.4 / C5.2.2.1	Normal fill material in compacted layer thicknesses of 200 mm and less:				
(a)	Compacted to 90% MDD	m ³	15.00		
C1.5.4 / C5.3.2.1	Construction of layer of using conventional construction methods				
(g)	Gravel wearing course layer (150mm thick) compacted to 95% MOD	m ³	550.00		
C1.5.4 / C13.1.1	Provision of designs and drawings of temporary works by an ECSA-registered Professional Engineer or Technologist or Geotechnical Engineer				
a)	Temporary causeway design using the given design guideline, drawing no TEMP BR/01	Lump sum	1		
C1.5.4/ PC13.1.3	Excavation (Temporary causeway)				
PC13.13.1	Excavating soft material situated within the following successive depth ranges:				
a)	0m up to 1,5m	m ³	161.00		
C1.5.4/ C13.1.6	Access and drainage : (at temporary causeway)				
PC13.1.6.1	Access	Lump sum			
PC13.1.6.2	Drainage	Lump sum			
C1.5.4/ PC13.1.7	Backfill to excavations utilising:				
PC13.1.7.2	Imported material	m ³	77.00		
PC13.1.7.3	Soil cement	m ³	52.00		
C1.5.4/ PC13.1.14	Foundation fill consisting of:				
PC13.1.14.4	Mass concrete, class C12/15-20	m ³	160.00		
C1.5	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS					CHAPTER C1.5
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.5.4/ PC13.1.20 PC13.1.20.1	Dowel Bars Drilling and preparation of holes, 38mm dia and each 1m deep	m	92.00		
C13.1.20.2	Supply and installation of dowel bars, Y25 bars, 2m long, including an approved non-shrink cementitious grout	kg	710		
C1.5.4/ C13.2.2 C13.2.2.1	Vertical formwork Class F1 surface finish to:				
(a)	Mass concrete footing	m ²	26.00		
(b)	Causeway top slab and concrete infill	m ²	33.00		
(c)	Causeway retaining walls at approaches	m ²	48.00		
(d)	Causeway approach slabs	m ²	96.00		
(e)	Causeway guide blocks	m ²	17.00		
C1.5.4/ C13.3.1 C13.3.1.1	Reinforcement for: Causeway with approach slabs				
(a)	Mild-steel bars	t	1		
(b)	High-yield-stress-steel bars(Y-bars, 450 Mpa)	t	5		
C1.5.4/ C13.4.1 C13.4.1.1	Cast in situ concrete: Strength concrete (class C): Causeway top slab and concrete infill (C20/25-20)				
(a)	Causeway top slab and concrete infill (C20/25-20)	m ³	24.00		
(b)	Causeway retaining walls at approaches(C20/25-20)	m ³	12.00		
(c)	Causeway approach slabs (C20/25-20)	m ³	35.00		
(d)	Causeway guide blocks(C20/25-20)	m ³	2.00		
C1.5	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.5
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.5.4/ C3.2.5 PC3.2.5.1 (a)	Rectangular culverts with prefabricated elements: Prefabricated portal culverts; wall and roof combination 2100 mm x 1500 mm, class 75S	m	39.04		
C1.5.4/ C13.7.2 C13.7.2.1	Filled joints: 10 mm thick bitumen impregnated fibreboard	m ²	6.00		
C1.5.5 C1.5.5.1	Maintenance of temporary deviations Grass cutting	ha	0.16		
C1.5.5.2	Drain cleaning	km	0.65		
C1.5.5.3	Cleaning out culverts	m ³	40		
C1.5.5.4	Collection of rubbish / litter	km	0.65		
C1.5.5.9	Grading of temporary deviations and existing roads used as detours	km	0.32		
C1.5.5.10	Watering of temporary deviations and existing roads used as detours	kl	1 500.00		
C1.5.5.11	Other road maintenance work ordered by the Engineer	Prov Sum	1 000 000.00	1	R 1000 000.00
C1.5.5.12	Handling cost, profit and all other charges in respect of item C1.5.5.12	%	1000 000.00		
C1.5.6	Removal of temporary deviations (including removal of temporary structure)	km	0.32		
C1.5	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE A: ROADWORKS					CHAPTER C1.5
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C1.5.7	Temporary traffic control facilities				
C1.5.7.1	Delineators including mounting bases and ballast:				
(a)	Single sided, reversible left or right (size indicated)	No	200		
(b)	Double sided, reversible left or right (size indicated)	No	10		
C1.5.7.2	Traffic cones, minimum height 750 mm	No	60		
C1.5.7.3	Flagmen	man-shift	2 376		
C1.5.7.7	Traffic calming devices:				
(b)	50 mm high x 500 mm wide asphalt rumble strips	m	100		
C1.5.7.9	Cleaning of traffic control facilities	month	18		
C1.5.8	Traffic safety officer	Man-month	18		
C1.5.11	Provision of safety equipment for visitors				
C1.5.11.1	Provision of reflective safety vests for visitors	No	5		
C1.5.11.2	Provision of hard hats for visitors	No	5		
C1.5.12	Additional traffic accommodation facilities ordered by the Engineer:				
C1.5.12.1	Provision of additional traffic accommodation facilities	Prov Sum	30 000	1	R 30 000.00
C1.5.12.2	Handling cost, profit and all other charges in respect of item C1.5.12.1	%	30 000.00		
PC1.5.13	Removal of existing fencing	PC Sum	100 000	1	R 100 000.00
PC1.5.14	Replacement of fencing	PC Sum	300 000	1	R 300 000.00
C1.5	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS					CHAPTER C2.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C2.1	GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES				
C2.1.1	Location, Identification and relocation of existing services				
C2.1.1.1	Contractor's obligations	Lump Sum	1		
C2.1.1.2	Permanent services relocation or protection work by others	PC Sum	2 500 000	1	R 2 500 000.00
C2.1.1.3	Handling costs and profit in respect of item C2.1.1.2 above	%	2 500 000.0		
C2.1.1.4	Permanent services relocation or protection work by Contractor	PC Sum	500 000	1	R 500 000.00
C2.1.2.5	Using hand excavation to locate, expose and verify services	m ³	100		
C2.1.5	Provision of record drawings and applicable data	Lump Sum	1		
C2.1	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE A: ROADWORKS					CHAPTER C20.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C20.1	TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP				
C20.1.1	Special tests on elastomeric bearings (150% vertical load and 150% shear distortion)				
	(a) 300x250x61 elastomeric bearings	No.	42		
C20.1.2	Special tests requested by the Engineer				
C20.1.2.1	Employer's contribution to concrete durability tests				
	(a) Tests for water sorptivity	PC Sum	150000	1	R 150 000,00
	(i) Handling costs and profit in respect of item C20.1.2.1(a)	%	150 000,00		
	(b) Tests for oxygen permeability	PC Sum	150000	1	R 150 000,00
	(i) Handling costs and profit in respect of item C20.1.2.1(b)	%	150 000,00		
	(d) Tests for concrete cover	PC Sum	150000	1	R 150 000,00
	(i) Handling costs and profit in respect of item C20.1.2.1(d)	%	150 000,00		
C20.1.2.2	Employer's contribution to other special tests				
	(a) Concrete strength and roadworks related tests	PC Sum	2000000	1	R 2 000 000,00
	(a.i) Handling costs and profit in respect of item C20.1.2.2(a)	%	2 000 000,00		
C20.1	TOTAL CARRIED FORWARD TO SUMMARY				

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SCHEDULE A: ROADWORKS

SUMMARY OF SECTIONS

CHAPTER	DESCRIPTION	FROM PAGE	AMOUNT
C1.2	GENERAL REQUIREMENTS AND PAYMENT		R
C1.3	CONTRACTOR'S SITE ESTABLISHMENT AND GENERAL OBLIGATIONS		R
C1.4	FACILITIES FOR THE ENGINEER		R
C1.5	ACCOMMODATION OF TRAFFIC		R
C2.1	GENERAL REQUIREMENTS AND TRENCHING FOR SERVICES		R
C20.1	TESTING MATERIALS AND JUDGEMENT OF WORKMANSHIP		R
	TOTAL CARRIED FORWARD TO TENDER SUMMARY		R

**CONTRACT NO. ZNB01871/00000/00/PMC/INF/23/T: UPGRADE OF MSUNDUZI RIVER
BRIDGE(GRIMTHORPE AVE TO BISHOPSTOWE) ON DISTRICT ROAD D669 KM 2.54 IN THE
UMGUNGUNDLOVU MUNICIPALITY UNDER PIETERMARITZBURG REGION**

SCHEDULE B: BRIDGEWORKS

SCHEDULE B: BRIDGE WORKS					CHAPTER C11.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C11.1	PITCHING, STONEMWORK, CAST IN SITU CONCRETE FOR PROTECTION AGAINST EROSION				
C11.1.5	Concrete pitching or paving				
C11.1.5.1	Segmental block paving, class C20/25-14, Type S-A, 60 mm thick	m2	230		
C11.1.6	Concrete edge beams, concrete class C16/20-20	m3	1		
C11.1.7	Provision of approved herbicide and ant poison:				
C11.1.7.1	Provision of materials	PC sum	5000	1	R5 000,00
C11.1.7.2	Contractor's charges and profit added to the prime cost sum	%	R5 000,00		
C11.1	TOTAL CARRIED FORWARD				

SCHEDULE B: BRIDGE WORKS					CHAPTER C11.2
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C11.2	NON-STRUCTURAL GABIONS				
C11.2.1	Foundation trench excavation:				
C11.2.1.1	Excavating all material situated within the following depth ranges below the surface level				
(a)	0m to 1,5m	m3	152		
C11.2.2	Surface preparation for bedding the gabion boxes and mattresses	m2	500		
C11.2.3	Gabion boxes and mattresses:				
C11.2.3.1	Galvanized gabion boxes, 1m x 1m x 4m with mesh type 80 and 2,7mm dia class A wire, and diaphragms at 1m centres	m3	224		
C11.2.3.3	Galvanized gabion mattresses, 0,3m deep, with mesh type 60 and 2,2mm dia class A galvanized wire , and diaphragms at 1m centres	m3	148		
C11.2.4	Geotextile, nonwoven, continuous filament, needlepunched, polyester geotextile, grade A4, underneath gabions	m2	710		
C11.2	TOTAL CARRIED FORWARD				

SCHEDULE B: BRIDGE WORKS					CHAPTER C11.4
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C11.4	ROAD RESTRAINT SYSTEMS				
C11.4.1	Erecting of guardrails at 3,81m spacing				
C11.4.1.2	Terminal sections for 3,81 guardrails comprising of:				
(f)	Bridge adaptors, 11.4m long, including extra rails and posts, complete as shown on the drawings	No	4		
C11.4	TOTAL CARRIED FORWARD				

SCHEDULE B: BRIDGE WORKS					CHAPTER C12.6
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C12.6	MECHANICALLY STABILISED EARTH AND GABIONS				
PC12.6.1	Establishment on site for MSE				
PC12.6.1.1	For reinforced concrete facing	lump sum	1		
PC12.6.2	Excavation for wall base foundation , over the full width of the reinforced earth mass	m3	2475		
C12.6.3	Concrete for wall base foundation, concrete class C12/15-20	m3	15		
C12.6.5	Preparation of surface for laying metallic strips or geosynthetic	m2	1820		
C12.6.6	Metallic reinforcing strips, 45mm x 5mm in section, high adherence hot dip galvanized medium tensile steel	m	7238		
C12.6.10	Fixing mechanism to facings				
C12.6.10.1	For Strips	No	1496		
PC12.6.11	Backfill (Fill from commercial source inc all haulage, stockpiling, etc)				
PC12.6.11.1	Grade G5A material, free draining material with less than 5% passing the 75 micron sieve, in layers of 150mm, compacted to 93% mod AASHTO, between the two MSE wall facings, below the 100 year flood level	m3	2300		
PC12.6.11.2	Grade G5A material, in layers of 150mm, compacted to 93% mod AASHTO, between the two MSE wall facings, above the 100 year flood level	m3	2700		
PC12.6.12	Facings, concrete class D25/30-20-XC4, 140mm thick				
PC12.6.12.1	For supply of concrete panel facings				
(a)	Non reinforced panels	m2	385		
(b)	Reinforced panels	m2	444		
(c)	Corner elements	m2	4		
C12.6	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE B: BRIDGE WORKS					CHAPTER C12.6
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
PC12.6.12.4	For erection of concrete panel facings, including joint fillers/geotextiles	m2	833		
PC12.6.18	Temporary MSE wall complete with foundations, reinforcement strips and concrete panel facings, as designed by the contractor	m2	20		
C13.8.12	Synthetic-fibre filter fabric, nonwoven, continuous filament, needlepunched, polyester geotextile, grade A4, wrapped around drainage strip	m2	1700		
C13.8.14	Crushed stone in drainage strips, 20mm stone size	m3	215		
C12.6	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C13.1	FOUNDATIONS				
C13.1.2	Additional foundation investigations:				
C13.1.2.1	Provisional sum allowed for additional foundation investigations	Prov Sum	20000	R1,00	R20 000,00
C13.1.2.2	Handling costs and profit in respect of item C13.1.2.1	%	20000		
PC13.1.3	Excavation:				
PC13.1.3.1	Excavating soft material situated within the following successive depth ranges:				
(a)	0m up to 1,5m	m3	452		
(b)	> 1,5m and < 3,0m	m3	312		
(c)	> 3m and < 4,5m	m3	202		
(d)	> 4,5m and < 6,0m	m3	108		
C13.1.3.2	Extra over subitem C13.1.3.1 for excavation in hard material irrespective of depth	m3	617		
C13.1.3.3	Extra over subitem C13.1.3.1 for additional excavation required by the Engineer after excavation is complete	m3	20		
PC13.1.3.4	Extra over subitem C13.1.3.1 for excavation by hand	m3	25		
C13.1.6	Access and drainage:				
C13.1.6.1	Access	lump sum	1		
C13.1.6.2	Drainage	lump sum	1		
PC13.1.7	Backfill to excavations utilising:				
C13.1.7.1	Material from excavation	m3	720		
PC13.1.7.2	Imported material	m3	80		
PC13.1.7.3	Soil cement	m3	20		
PC13.1.7.4	Compacted River sand	m3	103		
C13.1	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.1
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C13.1.9	Fill within a restricted area (extra over item C5.2.2)	m3	828		
C13.1.10	Haul in excess of 1,0 km on excavated material and on material imported for backfill, foundation fill and fill for caissons	m3 /km	2000		
PC13.1.12	Overbreak in excavation in hard material	m2	302		
PC13.1.14	Foundation fill consisting of:				
PC13.1.14.4	Mass concrete, class C12/15-20	m3	70		
PC13.1.14.5	Concrete blinding, 75mm thick, class C12/15-20	m3	73		
PC13.1.20	Dowel bars:				
PC13.1.20.1	Drilling and preparation of holes, 38mm dia and each 1,8m deep	m	178		
C13.1.20.2	Supply and installation of dowel bars, Y25 galvanized bars, 2.7m long (2.5m+0.2m bend), including an approved non-shrink cementitious grout	kg	1043		
C13.1.21	Foundation lining, 0.25 mm polyethylene sheeting	m2	70		
C13.1	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.2
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C13.2	FALSEWORK, FORMWORK AND CONCRETE FINISH				
C13.2.2	Vertical formwork				
C13.2.2.1	Class F1 surface finish to:				
(a)	Abutment footings	m2	69		
(b)	Abutment walls	m2	442		
(c)	Approach slabs	m2	11		
(d)	Pier footings	m2	49		
(e)	Parapet footing on top of MSE-walls	m2	388		
C13.2.2.2	Class F2 surface finish to:				
(a)	Pier walls	m2	322		
(b)	Pier heads	m2	63		
(c)	Abutment walls	m2	306		
(d)	In-situ deck slab	m2	119		
(e)	In-situ deck diaphragm beams	m2	216		
(f)	Parapet footing on top of MSE-walls	m2	176		
(g)	Pier walls, rounded, 800mm dia.	m2	36		
(h)	Pier walls, rounded, 1200mm dia.	m2	10		
C13.2.2.3	Class F3 surface finish to:				
(a)	In-situ deck slab upstand wall	m2	12		
(b)	Parapet footing on top of MSE-walls	m2	59		
C13.2.3	Horizontal formwork				
C13.2.3.2	Class F2 surface finish to:				
(a)	Pier heads	m2	14		
(b)	In-situ deck slab cantilevers	m2	78		
(c)	In-situ deck diaphragm beams	m2	61		
C13.2.4	Inclined formwork				
C13.2.4.1	Class F1 surface finish to:				
(a)	Abutment walls	m2	22		
C13.2	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.2
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C13.2.6	Formwork to form open joints (bridge deck expansion joints, 30mm wide) , ie removal of filler material	m2	77		
C13.2.10	Provision of designs and drawings of falsework and formwork by an ECSA registered Professional Engineer or Technologist, for abutment walls, pier walls, pier heads, deck slab cantilever portion, and in-situ diaphragm beams	lump sum	1		
C13.2	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.3
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C13.3	STEEL REINFORCEMENT				
C13.3.1	Reinforcement for:				
C13.3.1.1	Parapets and end blocks				
(a)	Mild-steel bars	t	2		
(b)	High-yield-stress-steel bars (Y)	t	18		
C13.3.1.2	Abutments				
(a)	Mild-steel bars	t	1		
(b)	High-yield-stress-steel bars (Y)	t	46		
C13.3.1.3	Piers				
(a)	Mild-steel bars	t	1		
(b)	High-yield-stress-steel bars (Y)	t	24		
C13.3.1.4	In-situ deck slab and diaphragm beams				
(a)	Mild-steel bars	t	1		
(b)	High-yield-stress-steel bars (Y)	t	25		
(e)	12,9mm dia prestress cable, not to be stressed, placed in transverse beams. (1440 m in total)	t	1,5		
C13.3.1.5	Parapet footing on top of MSE-walls				
(a)	Mild-steel bars	t	1		
(b)	High-yield-stress-steel bars (Y)	t	34		
C13.3.4	Extra-over item C13.3.1.1 (a), (b), for galvanising of parapet reinforcement	t	20		
C13.3	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.4
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C13.4	CONCRETE				
C13.4.1	Cast in situ concrete				
C13.4.1.1	Strength concrete (class C):				
(a)	Abutment Footings (C25/30-20)	m3	131		
(b)	Pier Footings (C25/30-20)	m3	49		
(c)	Parapet footing on top of MSE-walls (C25/30-20)	m3	291		
(d)	Approach slabs (C25/30-20)	m3	21		
PC13.4.1.2	Durable concrete (class D):				
(a)	Pier walls (D25/30-20-XC4)	m3	138		
(b)	Pier heads (D25/30-20-XC4)	m3	21		
(c)	Abutment walls (D25/30-20-XC4)	m3	241		
(d)	Deck diaphragm beams (D25/30-20-XC4)	m3	74		
(e)	Deck top slab (incl upsatnd beam for pedestrian parapet (D25/30-20-XC4)	m3	140		
C13.4.3	Extra over item C13.4.1 for the protection of concrete from adverse environmental conditions, if required:				
PC13.4.3.2	Durable concrete (class D):				
(a)	Deck top slab (D25/30-20-XC4)	m3	140		
C13.4.5	Curing and surface protection of cast in situ concrete, as and where specifically required:				
C13.4.5.1	Abutment footings (curing compound)	m2	215		
C13.4.5.2	Pier footings (curing compound)	m2	110		
C13.4.5.3	Parapet footing on top of MSE-walls (curing compound)	m2	1117		
C13.4.5.4	Approach slabs (curing compound)	m2	81		
C13.4.5.5	Pier walls (curing compound)	m2	358		
C13.4.5.6	Pier heads (curing compound)	m2	73		
C13.4	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.4
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
C13.4.5.7	Abutment walls (curing compound)	m2	1045		
C13.4.5.8	Deck ends and sides (curing compound)	m2	209		
C13.4.5.9	Deck diaphragm beams (curing compound)	m2	277		
C13.4.5.10	Deck top surface (keep constantly wet)	m2	705		
C13.4.9	Manufacturing precast concrete members				
(a)	Pretensioned I-8 beams, length 19.6m, class D40/50-20-XC4 concrete, incl. pre-stressing & reinforcement complete as shown on drawing 09. (Concrete volume=7.26m3 and reinf=867kg/beam)	No	21		
(b)	Concrete planks, concrete class D32/40-20-XC4, incl. reinforcement complete as shown on the drawing 08 (ave. concrete volume=0,122m3 and reinf = 28kg/plank)	No	324		
(c)	Coping units, concrete class D25/30-20-XC4, incl. reinforcement complete as shown on the drawing 16 (concrete volume=0,102m3 and reinf = 15kg/unit)	No	290		
C13.4.11	Transporting and erecting precast concrete members (description of member and approximate mass to be given)				
(a)	Pretensioned I-8 beams, length 19,6m, with weight = 19 t/beam	No	21		
(b)	Concrete planks, weight=320 kg /plank	No	324		
(c)	Coping units, 1m long, with weight = 265 kg/unit	No	290		
C13.4.13	Complete demolition and disposal of existing structural concrete elements or parts existing structures:				
C13.4.13.1	Existing concrete causeway, including all costs and haulage to dispose at a registered municipal dumping site	m3	264		
C13.4	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.6
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C13.6	BEARINGS				
C13.6.1	Bearings:				
C13.6.1.1	Elastomeric bearing pads (300x250x61 mm) with 3mm thick reinforcing plates made from 3CR12 stainless steel	No	42		
C13.6.1.2	Provision of engineering drawings of proprietary bearings and certification after installation by an ECSA Registered Professional Engineer or Technologist	lump sum	1		
C13.6.3	Bearing strips, Bearings strips, two layers 3-ply roofing felt	m2	7		
C13.6.4	Dowels or guides				
C13.6.4.1	Dowels, 1000mm stainless steel 40 dia bars complete with sleeve & plug as on drawings	No	18		
C13.6	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.7
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C13.7	JOINTS				
C13.7.2	Filled joints:				
C13.7.2.1(a)	10 mm thick bitumen impregnated fibreboard	m2	28		
(b)	30 mm expanded polystyrene	m2	77		
(c)	50 mm expanded polystyrene	m2	145		
(d)	Two layers of bituminous paint	m2	20		
C13.7.4	Sealing joints with:				
C13.7.4.1	10x10 mm approved silicon sealant	m	28		
C13.7.5	Supply and installation of Agrément South Africa certified proprietary expansion joints				
C13.7.5.2	Asphaltic plug type joints				
(c)	400mm x 75mm	m	13		
(d)	500mm x 75mm	m	38		
C13.7.5.3	Provision of engineering drawings of proprietary joints and certification after installation by an ECSA registered Professional Engineer or Technologist	lump sum	1		
C13.7.6	Joint terminations in:				
C13.7.6.1	Barriers and Parapets				
(a)	Asphaltic plug type joints 400mm x 75mm	No	1		
(b)	Asphaltic plug type joints 500mm x 75mm	No	3		
C13.7.6.2	Sidewalks				
(a)	Asphaltic plug type joints 400mm x 75mm	No	1		
(b)	Asphaltic plug type joints 500mm x 75mm	No	3		
C13.7.7	Cover plates (non-metallic) in barriers, parapets and sidewalks where specified on the drawings in:				
C13.7.7.1	Barriers and Parapets				
(a)	Asphaltic plug type joints 400mm x 75mm	No	1		
(b)	Asphaltic plug type joints 500mm x 75mm	No	3		
C13.7	TOTAL CARRIED FORWARD TO SUMMARY				

SCHEDULE B: BRIDGE WORKS					CHAPTER C13.8
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
C13.8	ANCILLARY STRUCTURAL ELEMENTS				
C13.8.10	Drainage pipes and weep holes:				
C13.8.10.1	Drainage pipes:				
(a)	110 mm dia heavy duty uPVC pipes (class 12) in abutments	m	12		
(b)	110 mm dia 90° heavy duty uPVC lobster-back bends with solvent cement-type socket, in abutments	No	2		
(c)	75 mm dia normal duty uPVC pipes (class 6) in deck	m	12		
(d)	250 mm dia heavy duty uPVC pipes (class 12) drainage pipes behind MSE walls	m	8		
(e)	250 mm dia 90° heavy duty uPVC lobster-back bends with solvent cement-type socket, behind MSE walls	No	3		
C13.8.10.2	Weep holes:				
(a)	50 mm dia normal duty uPVC pipes (class 6)	m	18		
C13.8.15	Drainage strips, 200mm wide flownet drainage strips wrapped in an approved geotextile, nonwoven, needlepunched, grade A4	m	254		
C13.8.16	Perforated drainage pipes:				
C13.8.16.1	65 mm dia perforated drainage pipe wrapped in an approved geotextile, nonwoven, needlepunched, grade A4, including the 300x50 mm thick mortar bed complete as shown on the drawings	m	38		
C13.8	TOTAL CARRIED FORWARD TO SUMMARY				

CONTRACT NO. ZNB01871/00000/00/PMC/INF/23/T: THE UPGRADE OF MSUNDUZI RIVER BRIDGE(GRIMTHORPE AVE TO BISHOPSTOWE) ON DISTRICT ROAD D669 KM 2.54 IN THE UMGUNGUNDLOVU MUNICIPALITY UNDER PIETERMARITZBURG REGION

SCHEDULE B: BRIDGEWORKS

SUMMARY OF SECTIONS

CHAPTER	DESCRIPTION	FROM PAGE	AMOUNT
C11.1	PITCHING, STONEMWORK, CAST IN SITU CONCRETE FOR PROTECTION AGAINST EROSION		R
C11.2	NON-STRUCTURAL GABIONS		R
C11.4	ROAD RESTRAINT SYSTEMS		R
C12.6	MECHANICALLY STABILESED EARTH AND GABIONS		R
C13.1	FOUNDATIONS		R
C13.2	FALSEWORK, FORMWORK AND CONCRETE FINISH		R
C13.3	STEEL RAINFORCEMENT		R
C13.4	CONCRETE		R
C13.6	BEARINGS		R
C13.7	JOINTS		R
C13.8	ANCILLARY STRUCTURAL ELEMENTS		R
	TOTAL CARRIED FORWARD TO TENDER SUMMARY		R

CONTRACT NO. ZNB01871/00000/00/PMC/INF/23/T: THE UPGRADE OF MSUNDUZI RIVER BRIDGE(GRIMTHORPE AVE TO BISHOPSTOWE) ON DISTRICT ROAD D669 KM 2.54 IN THE UMGUNGUNDLOVU MUNICIPALITY UNDER PIETERMARITZBURG REGION

SCHEDULE E: EXPANDED PUBLIC WORKS PROGRAM(EPWP)

SCHEDULE E: EXPANDED PUBLIC WORKS PROGRAMME (EPWP)					CHAPTER E
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
E	EXPANDED PUBLIC WORKS PROGRAMME (EPWP)				
E6.01	Provision of training venue facility, including the cost of transport the learners to and from this facility	Lump Sum	1		
E6.02	Training of learners employed by the contractor or by the Targeted Enterprise subcontractors:				
	(a) Generic Skills:				
(a.i)	Training costs	Prov Sum	150 000	1,00	R 150 000,00
(a.ii)	Handling costs and profit in respect of subitem E6.02(a)(i)	%	150 000		
	(b) Entrepreneurial skills:				
(b.i)	Training costs	Prov Sum	150 000	1,00	R 150 000,00
(b.ii)	Handling costs and profit in respect of subitem E6.02(b)(i)	%	150 000		
	(c) Construction skills:				
(c.i)	Training costs	Prov Sum	150 000	1,00	R 150 000,00
(c.ii)	Handling costs and profit in respect of subitem E6.02(c)(i)	%	150 000		
	(d) Transportation & accommodation costs of selected learners only, while receiving off-site training:				
(d.i)	Transportation and accommodation costs	Prov Sum	150 000	1,00	R 150 000,00
(d.ii)	Handling costs and profit in respect of subitem E6.02(d)(i)	%	150 000		
E	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE E: EXPANDED PUBLIC WORKS PROGRAMME (EPWP)					CHAPTER E
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
E6.03	Payments associated with the NYS programme:				
(a)	Employment of NYS workers	Prov Sum	200000	1,00	R 200 000,00
(b)	Provision of tools and apparel for the NYS workers	Prov Sum	40000	1,00	R 40 000,00
(c)	Handling cost and profit in respect of subitem E6.03(a) and (b)	%	240 000		
(d)	Training of NYS youth workers:				
(d.i)	Provision of training for NYS youth workers	Prov Sum	400000	1,00	R 400 000,00
(d.ii)	Handling costs and profit in respect of subitem subitem E6.03(d)(i)	%	400000		
(e)	Liaison with the Employer's project manager and the training service provider:				
(e.i)	Liaison conducted by the Construction Manager	hr	60		
(e.ii)	Liaison conducted by senior site foreman	hr	100		
E	TOTAL CARRIED FORWARD				

CONTRACT NO. ZNB01871/00000/00/PMC/INF/23/T: THE UPGRADE OF MSUNDUZI RIVER BRIDGE(GRIMTHORPE AVE TO BISHOPSTOWE) ON DISTRICT ROAD D669 KM 2.54 IN THE UMGUNGUNDLOVU MUNICIPALITY UNDER PIETERMARITZBURG REGION

SCHEDULE F: SMALL CONTRACTOR DEVELOPMENT

SCHEDULE F: SMALL CONTRACTOR DEVELOPMENT					CHAPTER F
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
F	SMALL CONTRACTOR DEVELOPMENT				
F10.01	Procurement of Targeted Enterprises				
(a)	Management and execution of the Targeted Enterprise procurement process:				
(a.i)	Procurement process for the appointment of CIDB contractor grading designation 1 Targeted Enterprise subcontractor (30 copies of the tender document required for each individual tender)	No	3,00		
(a.ii)	Procurement process for the appointment of CIDB contractor grading designation 2 Targeted Enterprise subcontractor (30 copies of the tender document required for each individual tender)	No	2,00		
(a.iii)	Procurement process for the appointment of CIDB contractor grading designation 3 Targeted Enterprise subcontractor (15 copies of the tender document required for each individual tender)	No	1,00		
(a.iv)	Procurement process for the appointment of CIDB contractor grading designation 4 Targeted Enterprise subcontractor (15 copies of the tender document required for each individual tender)	No	2,00		
F10.02	Construction Works for Targeted Enterprise subcontractors:				
(a)	Payments associated with the construction Works carried out by Targeted Enterprise subcontractors	Prov Sum	9 521 318,90	1,00	R 9 521 318,90
(b)	Handling costs and profit in respect of subitem F10.02(a)	%	9 521 318,90		
(c)	Supply of materials and small construction equipment to assist Targeted Enterprise subcontractors	Prov Sum	1 088 263,62	1,00	R 1 088 263,62
(d)	Handling costs and profit in respect of subitem F10.02(c)	%	1 088 263,62		
(e)	Management of Targeted Enterprise subcontractors	month	18,00		
F	TOTAL CARRIED FORWARD TO NEXT PAGE				

SCHEDULE F: SMALL CONTRACTOR DEVELOPMENT					CHAPTER F
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
TOTAL BROUGHT FORWARD FROM PREVIOUS PAGE					
F10.03	Training Targeted Enterprise subcontractors:				
(a)	Generic Skills				
(a.i)	Training costs	Prov Sum	150 000,00	1,00	R 150 000,00
(a.ii)	Handling costs and profit in respect of subitem F10,03(a)(i)	%	150 000,00		
(b)	Entrepreneurial skills:				
(b.i)	Training costs	Prov Sum	150 000,00	1,00	R 150 000,00
(b.ii)	Handling costs and profit in respect of subitem F10,03(b)(i)	%	150 000,00		
(c)	Construction skills:				
(c.i)	Training costs	Prov Sum	150 000,00	1,00	R 150 000,00
(c.ii)	Handling costs and profit in respect of subitem F10,03(c)(i)	%	150 000,00		
(d)	Transportation & accommodation costs of selected learners only, while receiving off-site training:				
(d.i)	Training costs	Prov Sum	150 000,00	1,00	R 150 000,00
(d.ii)	Handling costs and profit in respect of subitem F10,03 (d)(i)	%	150 000,00		
F	TOTAL CARRIED FORWARD				

SCHEDULE G: CIDB CONTRACT SKILLS DEVELOPMENT GOAL (CSDG)					CHAPTER G
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
G	CIDB CONTRACT SKILLS DEVELOPMENT GOAL (CSDG)				
G7.01	Payments associated with the Contract Skills Development Goals:				
(a)	Employment of Learners employed under Method 1				
	(i) Provision for stipends	Prov Sum	42 000,00	1,00	R 42 000,00
	(ii) Provision for additional Costs	Prov Sum	9 000,00	1,00	R 9 000,00
(e)	Liaison with the Employer's project manager and the training service provider:				
	(i) Liaison conducted by the Construction Manager	h	24,00		R 0,00
G	TOTAL CARRIED FORWARD				

PROVINCE OF KWAZULU-NATAL
DEPARTMENT OF TRANSPORT

THE UPGRADE OF MSUNDUZI RIVER BRIDGE(GRIMTHORPE AVE TO BISHOPSTOWE) ON DISTRICT ROAD D669 KM 2.54 IN THE UMGUNGUNDLOVU MUNICIPALITY UNDER PIETERMARITZBURG REGION

TENDER SUMMARY

DESCRIPTION	AMOUNT
Totals of Bill of Quantities brought forward:	
Schedule A: Roadworks (b/f from page)	R
Schedule B: Briedge Works (b/f from page)	R
Schedule E: Expanded Public Works Programme (b/f from page)	R
Schedule F: Small Contractor Development (b/f from page)	R
Schedule G: CIDB Contract Skills Development Goal (b/f from page)	R
SUBTOTAL 1	R
<u>Add:</u> Contingencies (10% of SUBTOTAL 1)	R
SUBTOTAL 2	R
<u>Add:</u> Contract Price Adjustment (10% of SUBTOTAL 2)	R
SUBTOTAL 3	R
<u>Add:</u> VAT (15% of SUBTOTAL 3)	R
TOTAL CARRIED FORWARD TO FORM OF OFFER C1.1.1	R

Signed on behalf of the Tenderer: (Signature)

Date:

Tenderer's Name: (Company Name)