

SECTION 001

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	001	GENERAL REQUIREMENTS AND CHARGES				
1.1	001.01	Preliminary and general charges				
1.1.1	001.01.01	Fixed Charges	L Sum	1		
1.1.2	101.01.02	Time-related Charges	L Sum	1		
1.2.1	001.02	Locating existing services	L Sum	1		
1.2.2	001.03	Excavate by hand to expose existing services, and backfill	m³	40		
1.3	001.04	Compliance with the Occupational Health and Safety Act and applicable regulations				
1.3.1	001.04.01	Provision of a Health and Safety plan	L Sum	1		
1.3.2	001.04.02	Provision of Health and Safety file	L Sum	1		
1.3.2	001.04.03	Provision of construction supervisors	L Sum	1		
1.3.2	001.04.04	Provision of a safety officer (state full-time or part-time)	L Sum	1		
1.3.2	001.04.05	Health and Safety training	L Sum	1		
1.3.2	001.04.06	Provision of personal protective clothing and equipment	L Sum	1		
1.3.2	001.04.07	Provision of safety fences, signs and barricades	L Sum	1		
1.3.2	001.04.08	Other obligations	L Sum	1		
1.3.2	001.05	Community liaison officer	L Sum	1	30 000.00	30 000.00
1.3.4	001.06	Relocation of Services (fences)	PC Sum	1	R 250 000.00	250 000.00
1.4	002	ENGINEERS ACCOMMODATION				
1.4.1	002.01	Services	L Sum	1		
1.4.2	002.02	Treatment and maintenance of areas surrounding offices and laboratories	L Sum	1.0		
1.5	002.03	Office and laboratory accommodation	L Sum	1.0		
1.5.1	002.04	Provision of survey equipment	L Sum	1.0		
TOTAL CARRIED FORWARD TO SUMMARY						

Contract: Appointment of a contractor for the Ramochana sewer upgrade and house connection
 Section C2.2: Schedule of Quantities

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	001	GENERAL REQUIREMENTS AND CHARGES				
1.1	001.01	SCHEDULED TIME-RELATED ITEMS				
1.1.1	001.01.01	Contractual Requirements.	Month	8		
1.1.2	101.01.02	Operate and maintain facilities on the Site for duration of Construction:	Month	8		
1.2.1	001.02	Facilities for the Employer's Agent:				
1.2.2	001.03	Engineers Office	Month	8		
1.3	001.04	Provision of name board	Month	8		
1.3.1	001.04.01	Provision of cellular phone	Month	8		
1.3.2	001.04.02	Provision of survey equipment	Month	8		
1.3.2	001.04.03	Facilities for Contractor:				
1.3.2	001.04.04	Offices and storage sheds	Month	8		
1.3.2	001.04.05	Ablution and latrine facilities	Month	8		
1.3.2	001.04.06	Tools and equipment	Month	8		
1.3.2	001.04.07	Water supplies, electric power and communications	Month	8		
1.3.3	001.04.08	Dealing with water (Sub-clause 5.5)	Month	8		
1.3.3	001.04.08	Access (Sub-clause 5.8)	Month	8		
1.3.4	001.05	Supervision for the Duration of Construction	Month	8		
1.4	002	Company and Head Office Overhead Costs for Duration of Contract	Month	8		
1.4	002	Other Time-related Obligations	Month	8		
1.4.1	002.01					
1.4.1	002.01	OHS Act Obligations				
1.4.2	002.02					
1.5	002.03	i) General Safety obligations	Month	8		
1.5.1	002.04	ii) Health and Safety plan/file	Month	8		
		(iii) Safety Officer	Month	8		
		EMP Obligations	Month	8		
TOTAL CARRIED FORWARD TO SUMMARY						

SECTION 101

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1	101	SITE CLEARING AND GRUBBING				
1.1	101.01	Clearing and grubbing				
1.1.1	101.01.01	Areas	ha	2		
1.1.2	101.01.02	For 2m wide strips	m	1 068		
1.2	LI101.02	Cutting and removing large trees with a girth:				
1.2.1	101.02.01	Exceeding 1m and up to and including 2m	No	5		
1.2.2	101.02.02	Exceeding 2m and up to and including 3m	No	5		
1.3	LI101.03	Grubbing and the removal of the stumps and roots of large trees with a girth:				
1.3.1	101.03.01	Exceeding 1m and up to and including 2m	No	5		
1.3.2	101.03.02	Exceeding 2m and up to and including 3m	No	5		
1.4	101.04	Reclearing areas (only on the written instructions of the Engineer)				
1.4.1	101.04.01	For 2m wide strips	m	534		
1.4.2	101.04.02	Areas	ha	1.0		
1.5	101.05	Removal and Disposal of specific elements				
1.5.1	101.05.02	Reinforced concrete element				
1.5.1.1	101.04.02.01	Existing stormwater culvert	m ³	20		
TOTAL CARRIED FORWARD TO SUMMARY						

SECTION 102						
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
2	102	ACCOMMODATION OF TRAFFIC				
2.1	102.01	Accommodation of traffic and maintenance of bypasses	m	1 068		
2.3	102.14	Temporary traffic-control facilities				
2.3.1	102.14.01	Flagmen	month	54		
2.3.2	102.14.02	Portable STOP and GO-Ry signs	No	5		
2.3.3	102.14.04	Road signs, TR-series, 1200mm in diameter or 900mm x 675mm if rectangular	No	15		
2.3.4	102.14.07	Danger plates and delineators	No	30		
2.3.5	102.14.08	Movable barricades (chevron and ROAD CLOSED types)	No	10		
2.3.6	102.14.09	Traffic cones	No	70		
TOTAL CARRIED FORWARD TO SUMMARY						-

Contract: Appointment of a contractor for the Ramochana sewer upgrade and house connection
 Section C2.2: Schedule of Quantities

SECTION 106						
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4	106	SERVICE DUCTS				
4.1	106.01	Bedding and backfilling up to 300 mm above pipes				
4.1.1	106.01.01	Using selected excavated material	m ³	26		
4.1.2	106.01.02	Using imported selected material	m ³	42		
4.1.3	106.01.03	Using 6.7mm crushed stone	m ³	3		
4.2	106.03	Soilcrete	m ³	8		
4.3	106.04	Service duct pipes				
4.3.1	106.04.01	Ordinary pipes:				
4.3.1.1	106.04.01.01	110 mm dia. Duroduct with draw wire or similar approved	m	130		
4.3.1.3	106.04.01.03	110 mm dia. Telkom ducts with draw wire	m	100		
4.4	106.06	Extra over items 106.01 for material obtained from sources provided by the Contractor	m ³	26		
TOTAL CARRIED FORWARD TO SUMMARY						-

SECTION 202						
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
5	202	TRENCHING				
5.1	202.01	Trench excavations				
5.1.1	202.01.01	Up to 1,0 m wide for service ducts, sewer and water reticulation				
5.1.1.1	202.01.01.01	Up to 1,0m deep	m ³	878		
5.1.1.2	202.01.01.02	Over 1,0m and up to 1,5m deep	m ³	435		
5.1.1.3	202.01.01.03	Over 1,5m to 2,0m deep	m ³	435		
5.1.1.4	202.01.01.04	Over 2,0m to 2,5m deep	m ³	435		
5.1.1.5	202.01.01.05	Over 2,5m to 3,0m deep	m ³	435		
5.1.1.6	202.01.01.06	Over 3,0m to 3,5m deep	m ³	394		
5.1.1.7	202.01.01.07	Over 3,5m to 4,0m deep	m ³	315		
5.1.1.8	202.01.01.08	Over 4m to 4.5m deep	m ³	210.1		
5.1.1.9	202.01.01.09	Over 4.5m to 5.0m deep	m ³	189.2		
5.1.1.20	202.01.01.10	Over 5.0m to 5.5	m ³	157.3		
5.1.1.21	202.01.01.11	Over 5.5m to 6.0m deep	m ³	68.2		
5.1.1.22	202.01.01.12	Over 6.0m to 7.0m deep	m ³	3.3		
5.2	202.02	Extra over items 202.01, 202.03, 202.09 for excavating in -				
5.2.1	202.02.02	Hard material	m ³	329		
5.3	202.03	Excavations outside the normal trench profile	m ³	5 280		
5.4	202.06	The backfilling of trenches (excluding backfill around the pipe barrel) with material obtained from excavations	m ³	5 129		
5.5	202.07	Extra over items 202.06 and 202.13 for using backfill material obtained -				
5.5.1	202.07.01	From borrow areas	m ³	1 026		
5.5.2	202.07.02	From Commercial sources	m ³	4 924		
5.6	202.08	Backfilling additional excavations in trench floor, using -				
5.6.1	202.08.01	Class 1:3:6/19 concrete	m ³	40		
TOTAL CARRIED FORWARD TO SUMMARY						-

SECTION 203

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
6	203	MASS EARTHWORKS				
6.1	203.01	Excavation and borrow to fill				
6.1.1	B203.01.01	Compaction to 93% of modified AASHTO density	m ³	200		
6.2	203.02	Extra over item 203.01 for excavating in				
5.2.1	203.02.02	Hard material	m ³	200		
6.3	203.03	Excavate and spoil of -				
6.3.1	203.03.01	Soft material	m ³	200		
6.3.2	203.03.03	Hard material	m ³	200		
6.4	203.04	Removal of oversize material	m ³	10		
6.5	203.05	Variations in compactive effort (applicable to subitem 203.01.03 and item 203.07)				
6.5.1	203.05.01	Vibratory rollers	m ² Pass	300		
6.6	203.07	Three-pass roller compaction				
6.6.1	203.07.01	Vibratory roller	m ²	300		
6.7	B203.08	Preparation and compaction of construction bed material to 93% of modified AASHTO density	m ³	45		
6.8	203.10	In situ treatment of the construction bed				
6.8.1	203.10.01	In situ treatment by ripping	m ³	45		
6.9	203.11	Finishing off slopes				
6.9.1	203.11.01	Excavation slopes	m ²	200		
6.9.2	203.11.02	Fill slopes	m ²	300		
6.10	203.14	Extra over item 203.01 for borrow material from sources to be supplied by the Contractor	m ³	40		
6.11	203.15	Extra over items 203.03 and 203.04 for disposing of spoil material to sites to be provided by the Contractor	m ³	300		
TOTAL CARRIED FORWARD TO SUMMARY						-

						SECTION 302
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
7	302	SEWERS CONSTRUCTION				
7.1	LI302.01	Supplying, laying and jointing of sewer pipes irrespective of depth or width of trench:				
7.1.1	302.01.01	For 60 dia uPVC class 400 pipe	m	5		
7.1.2	302.01.02	For 110 dia uPVC class 400 pipe	m	25		
7.1.3	302.01.03	For 160 dia uPVC class 400 pipe	m	100		
7.1.4	302.01.04	For 200 dia uPVC class 400 pipe	m	52		
7.1.5	302.01.05	For 250 dia uPVC class 400 pipe	m	362		
		For 315 dia uPVC class 400 pipe	m	656		
7.2	302.02	Construction of pipe beddings				
7.2.1	302.02.01	Class B bedding				
7.2.1.1	302.02.01.01	110mm dia	m	25		
7.2.1.2	302.02.01.02	160mm dia	m	52		
7.2.1.3	302.02.01.03	For 200 dia uPVC class 400 pipe	m	362		
7.2.1.4	302.02.01.04	For 250 dia uPVC class 400 pipe	m	656		
7.2.1.5	302.02.01.05	For 315 dia uPVC class 400 pipe	m	656		
7.3	302.07	Construction of cleaning eyes				
7.3.1	302.07.01	Up to but not exceeding 1.5m depth	No	5		
7.3.2	302.07.02	Exceeding 1.5 but not exceeding 2.0m	No	5		
7.3.3	302.07.03	Exceeding 2.0 but not exceeding 2.5m	No	5		
7.3.4	302.07.04	Exceeding 3 but not exceeding 3.5m	No	5		
7.4	302.09	Construction of manholes, up to 1,0m deep				
7.4.1	302.09.01	For sewers 300 mm in diameter and smaller				
7.4.1.1	302.09.01.01	Using 1000mm precast concrete rings	No	32		
7.5	302.10	Extra over item 302.09 for the construction of manholes in excess of 1,0m deep				
7.5.1	302.10.01	For sewers up to 350mm in diameter and smaller				
7.5.1.1	302.10.01.01	Using 1000mm precast concrete rings	m	130		
	302.10.01.02	Manholes Lids - 2A	No	32		
7.6	302.14	Supplying and placing selected backfill material around and up to 300 mm above pipe barrels using				
7.6.1	302.14.01	Excavated material	m ³	160		
7.6.2	302.14.02	Imported material	m ³	80		
7.7	302.15	Extra over subitem 302.14.01 for screening material	m ³	160		
TOTAL CARRIED FORWARD						

						SECTION 302
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
7.7	302.15	Extra over subitem 302.14.01 for screening material	m ³	240		
7.8	302.16	Connection to existing manholes				
7.8.1	302.16.01	For 110 dia uPVC class 400 pipe	no	1		
7.8.2	302.16.02	For 160 dia uPVC class 400 pipe	no	1		
	302.16.04	For 200 dia uPVC class 400 pipe	no	2		
	302.16.06	For 250 dia uPVC class 400 pipe	no	3		
	302.16.08	For 315 dia uPVC class 400 pipe	no	5		
7.9	302.17	Construction of anchor blocks on steep grades	m ³	200		
7.10	302.20	Preliminary work prior to the construction of a manhole on an existing pipeline				
6.10.1	302.20.01	160mm dia uPVC pipe	No	10		
7.11	302.21	Extra over subitem 302.14.02 for using material obtained from commercial sources	m ³	0		
7.12	302.22	House connctions				
7.12	302.2201	Single house connections- complete as per drawing	No	100		
	302.2202	Double house connection -complete as per drawing	No	100		
	302.2203	Cut-off existing house connection (up160mm diameter pipe) and prepare for connection to new house connection	No	340		
	302.2204	Exposing of existing house connection	m ³	3200		
7.13		Reducers				
		110mm to 160mm	No	72		
		160mm to 200 mm	No	72		
		200mm to 250 mm	No	70		
		250 mm to 315 mm	No	40		
7.13		45° Plain Bends				
		For 110 dia uPVC class 400 pipe	No	72		
		For 160 dia uPVC class 400 pipe	No	72		
		For 200 dia uPVC class 400 pipe	No	70		
		For 250 dia uPVC class 400 pipe	No	40		
		For 315 dia uPVC class 400 pipe	No	40		
		87,5° Degree				
		For 110 dia uPVC class 400 pipe	No	72		
		For 160 dia uPVC class 400 pipe	No	72		
		For 200 dia uPVC class 400 pipe	No	70		
		For 250 dia uPVC class 400 pipe	No	40		
		For 315 dia uPVC class 400 pipe	No	40		
TOTAL CARRIED FORWARD TO SUMMARY						

SECTION 302						
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						-
		45° Plain Junction				
		For 110 dia uPVC class 400 pipe	No	72		
		For 160 dia uPVC class 400 pipe	No	72		
		For 200 dia uPVC class 400 pipe	No	70		
		For 250 dia uPVC class 400 pipe	No	40		
		For 315 dia uPVC class 400 pipe	No	40		
		End Caps				
		For 110 dia uPVC class 400 pipe	No	100		
		For 160 dia uPVC class 400 pipe	No	0		Rate Only
		For 200 dia uPVC class 400 pipe	No	0		Rate Only
		For 250 dia uPVC class 400 pipe	No	0		Rate Only
		For 315 dia uPVC class 400 pipe	No	0		Rate Only
		45° Rodding Eye				
		For 110 dia uPVC class 400 pipe	No	0		Rate Only
		For 160 dia uPVC class 400 pipe	No	0		Rate Only
		Solvent Socket				
		For 110 dia uPVC class 400 pipe	No	100		
		45° Plain Reducing Junction				
		160mm to 110mm	No	10		
		200mm to 160mm	No	15		
		200mm to 110 mm	No	15		
		Gulley Head and Grate				
		Gulley Head and Grate -150mm x 110 mm	No	100		
		45° Access Junction Left/Right				
		For 110 dia uPVC class 400 pipe	No	10		
		For 160 dia uPVC class 400 pipe	No	10		
		For 200 dia uPVC class 400 pipe	No	10		
		For 250 dia uPVC class 400 pipe	No	10		
		For 315 dia uPVC class 400 pipe	No	10		
TOTAL CARRIED FORWARD TO SUMMARY						-

SECTION 303

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
		Adaptors Female				
		110mm	No	100		
		160mm	No	100		
		200mm	No	100		
		Single Socked				
		45° Access Reducing Junction Right/left				
		160mm x 110 mm	No	100		
		200mm to 160 mm	No	100		
		Gulley "P" Trap				
		110mm x 110mm	No	100		
		Single Socket				
		110mm	No	100		
		160mm	No	100		
		Double Socket				
		110mm	No	100		
		160mm	No	100		
		200mm				
		Kimberly Socket				
		100mm	No	100		
		160mm	No	100		
		200mm	No	100		
		Bend Long Radius				
		450				
		110mm	No	100		
		160	No	100		
		200	No	100		
		90				
		110mm	No	100		
		160	No	100		
		200	No	100		
TOTAL CARRIED FORWARD TO SUMMARY						

						SECTION 402
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
9	402	WATER RETICULATION AND WATER MAINS CONSTRUCTION				
9.1	LI402.01	Supplying, laying and jointing of water pipes irrespective of depth				
9.1.1	402.01.01	Supraflo uPVC class 12 pipes (or similar) on a bedding for flexible pipes				
9.1.1.1	402.01.01.01	63mm dia	m	300		
9.1.1.2	402.01.01.01	110mm dia	m	100		
9.2	LI402.02	Extra over item 402.01 for providing and installing fittings, valves and specials:				
9.2.1	402.02.01	Class 16 uPVC Bends				
9.2.1.1	402.02.01.01	For 11.25 Degree				
9.2.1.1.1	402.02.01.01	.01) 110mm dia.	No	100		
9.2.1.2	402.02.01.02	For 45 Degree				
9.2.1.2.1	402.02.01.02	.01) 110mm dia.	No	400		
9.2.1.3	402.02.01.03	For 90 Degree				
9.2.1.3.1	402.02.01.03	.01) 63mm dia.	No	50		
9.2.1.3.2	402.02.01.03	.04) 110mm dia.	No	40		
9.2.2	402.02.02	Cast iron fittings Grade 14 according to SABS 546, bitumen dipped, socket ending for uPVC piping according to SABS 966 with rubber rings for 1600 kPa working pressure.				
9.2.2.1	402.02.02.01	Reducing T-Pieces for:				
9.2.2.1.1	402.02.02.01	.01) 110 mm x 63mm dia.	No	20		
9.2.2.2	402.02.02.02	Equal T-Pieces for:				
9.2.2.2.1	402.02.02.02	.01) 110 x 110 Tee	No	30		
9.2.2.2.2	402.02.02.02	.02) 63 x 63 Tee	No	40		
9.2.3	402.02.03	Class 16 flanged gate valves with caps (flanged, flanges drilled to table 16), anti-clockwise closing non-rising spindle type for the following sizes:				
9.2.3.1	402.02.03.01	63mm dia	No	35		
9.2.3.2	402.02.03.02	110mm dia	No	35		
9.2.4	402.02.04	End Caps				
9.2.4.1	402.02.04.01	63mm dia.	No	75		
TOTAL CARRIED FORWARD						

SECTION 402

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
9.3	402.04	Providing thrust blocks using class 15/19	m ³	60		
9.4	402.05	Supplying and placing unscreened selected backfill material under, alongside and up to 200mm above pipe barrels using:				
9.4.1	402.05.01	Excavated material	m ³	164		
9.4.2	402.05.03	Imported material from sources provided by the Contractor	m ³	67		
9.5	402.06	Extra over item 402.05 for screening excavated material for selected backfill	m ³	164		
9.6	402.07	Valve chambers complete as detailed in CoT standard details drawings for -				
9.6.1	402.07.01	Flanged gate valves not exceeding 200mm dia:				
9.6.1.1	402.07.01.01	63mm dia	No	35		
9.6.1.2	402.07.01.02	110mm dia	No	35		
9.7	402.10	Sterilizing of pipelines				
9.7.1	402.10.01	63mm dia	m	300		
9.7.2	402.10.02	110mm dia	m	100		
TOTAL CARRIED FORWARD TO SUMMARY						

SECTION 502

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
11	502	PREFABRICATED CULVERTS AND STORMWATER DRAINAGE				
11.1	502.01	Backfilling with selected excavated material compacted to				
11.1.2	502.01.02	93% of modified AASHTO density	m ³	0		Rate Only
11.2	502.02	Supplying and laying of concrete pipe culverts (type interlocking)				
11.2.1	502.02.01	On class B bedding - Class 100 D				
11.2.1.1	502.02.01.01	450mm dia	m	0		Rate Only
11.2.1.2	502.02.01.02	600mm dia	m	0		Rate Only
11.2.1.3	502.02.01.03	750mm dia	m	0		Rate Only
11.2.2	502.02.02	On class B bedding - Class 75 D				
11.2.2.1	502.02.02.01	450mm dia	m	0		Rate Only
11.2.2.1	502.02.02.02	600mm dia	m	0		Rate Only
11.2.2.1	502.02.02.03	750mm dia	m	0		Rate Only
11.2.3	502.02.03	On class B bedding - Class 50 D				
11.2.3.1	502.02.03.01	450mm dia	m	0		Rate Only
11.2.4	502.02.04	Supplying and laying of Upvc pipe Class 400				
11.2.4.1	502.02.04.01	300 dia pipe	m	0		Rate Only
11.3	502.10	Cast in situ concrete				
11.3.1	502.10.03	In inlet and outlet structures, catchpits, manholes and junction boxes excluding formwork, but including class U2 surface finish				
11.3.1.1	502.10.03.01	25 MPa/19mm	m ³	0		Rate Only
11.3.2	502.10.04	Formwork for concrete under item 502.10.03 above				
11.3.2.1	502.10.04.01	Class F2 surface finished	m ²	0		Rate Only
11.4	502.14	Reinforcement				
11.4.1	502.14.01	Mild steel				
11.4.1.1	502.14.01.02	Bars with an 10mm dia	t	0.0		Rate Only
11.4.2	502.14.02	High yield-stress steel				
11.4.2.1	502.14.02.01	Bars with an 12mm dia	t	0		Rate Only
TOTAL CARRIED FORWARD						

Contract: Appointment of a contractor for the Ramochana sewer upgrade and house connection
 Section C2.2: Schedule of Quantities

SECTION 503

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
12	503	KERBING AND CHANNELING				
12.1	503.01	Concrete kerbing class 20/19				
12.1.1	503.01.01	Fig 8c Precast concrete kerbing	m	80		
12.1.1	503.01.02	Fig 8c Precast concrete kerbing	m	0		Rate Only
12.2	503.03	Transition from slope kerbing to edge beam				
12.2.1	503.03.01	Cast insitu transition section class 20/19 concrete	m	120		
	503.03.03	Breaking fo Existing kerb	m	250		
TOTAL CARRIED FORWARD TO SUMMARY						-

SECTION 504						
ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
13	504	OPEN DRAINS				
13.1	504.04	Concrete Half-round Channel				
13.1.1	504.04.01	Class 20/19, 300mm wide concrete half-round channel as per drawings	m	10		
TOTAL CARRIED FORWARD TO SUMMARY						-

SECTION 601

ITEM	PAYMENT	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
15	601	GRAVEL PAVEMENT LAYERS				
15.1	601.01	Preparation and compaction of in situ subgrade material to -				
15.1.1	601.01.02	93% of modified AASHTO density	m ³	300		
15.2	601.02	Gravel layers constructed from material obtained from borrow pits				
15.2.1	601.02.02	Subbase				
15.2.1.1	601.02.02.01	Subgrade - G7	m ³	300		
15.2.1.1	601.02.02.01	Selected - G6	m ³	300		
15.2.1.1	601.02.02.01	G5 material compacted to 95% of modified AASHTO density	m ³	300		
15.2.2	601.02.03	Base				
15.2.2.1	601.02.02.01	C4 material compacted to 98% of modified AASHTO density	m ³	300		
15.2.2.1	601.02.02.01	C3 material compacted to 98% of modified AASHTO density	m ³	300		
TOTAL CARRIED FORWARD TO SUMMARY						

Contract: Appointment of a contractor for the Ramochana sewer upgrade and house connection
 Section C2.2: Schedule of Quantities

SUMMARY OF SECTIONS		
SECTION	DESCRIPTION	AMOUNT
001	GENERAL REQUIREMENTS AND CHARGES	
101	SITE CLEARING AND GRUBBING	
102	ACCOMMODATION OF TRAFFIC	
103	OVERHAUL	
106	SERVICE DUCTS	
202	TRENCHING	
203	MASS EARTHWORKS	
302	SEWERS CONSTRUCTION	
#REF!	SEWERS TESTING	
402	WATER RETICULATION AND WATER MAINS CONSTRUCTION	
403	WATER RETICULATION AND WATER MAINS TESTING	
502	PREFABRICATED CULVERTS AND STORMWATER SEWERS	
503	KERBING AND CHANNELING	
504	OPEN DRAINS	
505	EROSION PROTECTION	
601	GRAVEL PAVEMENT LAYERS	
604	STABILIZATION	
609	SEGMENTED PAVING	
612	TRAFFIC SIGNS	
613	TRAFFIC MARKINGS	
903	QUALITY CONTROL TESTING	
	Sub-total	
1	10 % CONTINGENCIES	
	Sub-total	
3	15 % VAT	
TOTAL CONSTRUCTION COST		