CHEDULE A	: RO	AD CONS	TRUCTION							SECTION 120
ITEM NO			DESCRIPTION	UNIT	QUANTIT	Y F	RAT	E	AMOL	JNT
	GEN	ERAL RE	QUIREMENTS AND PROVISIONS							
B12.01	Train	ina:								
	(a)		ering (technical) skills	Prov Sum	1		R	65 000,00	R	65 000,00
	(b)	Generi	c skills	Prov Sum	1		R	65 000,00	R	65 000,00
	(c)	Entrep	reneurial skills	Prov Sum	1	ı	R	45 000,00	R	45 000,00
	(d)	Trainir	ng venue	Prov Sum	1		R	20 000,00	R	20 000,00
	(e)		neration of workers undergoing cal skills training	Prov Sum	1	1	R	64 000,00	R	64 000,00
	(f)	all oth	ctor's handling costs, profit and er charges in respect of subitems I(a), (b), (c) and (e):	%	R 259 000	,00				
	(g)	Trainir	ng of Emerging Contractors	Prov Sum	1		R	65 000,00	R	65 000,0
	(h)	Trainir	ng venue	Prov Sum	1		R	20 000,00	R	20 000,0
	(i)	all oth	octor's handling costs, profit and er charges in respect of subitems (g) and (h):	%	R 85 000	0,00				
B12.02	and ı		n of the Community Liaison Officer s of the Project Liaison							
	(a)		unity Liaison Officer	Prov Sum	1		R	144 000,00	R	144 000,0
	(b)		t Steering Committee	Prov Sum	1		R	108 000,00		108 000,0
	(c)	other o	nctor's handling costs, profit and all charges in respect of subitems 2(a) and (b):	%	R 252 000	0,00				
12.03	Occu	pational	Health and Safety Obligations	Month	12					
	(a)		Approved Heavy Duty Personal Protective nent (PPE)	Sum	1					
	(b)		Occupational Health and Safety Obligations d in the OHS Specifications	Sum	1					
12.04	Cont		obligations in respect to local labourers							
	(a)	Provis	ion of transport of local labourers	Sum	1					
	(b)	Provis	ion of entrance and exit medicals	Sum	1					
1000	Carri	ed forwa	ard.							
1200	Carri	eu iorwa	iiu							

HEDULE	A : ROAL	CONS	STRUCTION							SECTION 120
ITEM NO			DESCRIPTION	UNIT		QUANTITY	RAT	E	ΑM	OUNT
	Brough	nt forw	ard						R	
B12.06	Drotoe	tion ro	mayal realizament and							
B12.00	replace	ement	moval, realignment and of services:							
	(a)	Existin	g Telkom, Water and Sewer Services							
			The removal, protection and replacement of installations	PC Sum		1	R	250 000,00	R	250 000,0
			Handling cost and profit in respect of subitem B21.06(a)(i)	%	R	250 000,00		·		·
	(b)	Existin	g Eskom services							
		(i)	The removal, protection and							
			replacement of installations	PC Sum		1	R	50 000,00	R	50 000,
		`	Handling cost and profit in respect of							
			subitem B21.06(a)(i)	%	R	50 000,00				
B12.07	Name	Boards	s (x2)	Lump Sum		2				
B12.08			with OHS Act and Regulations Construction Regulations 2014)							
	(a)	SHEQ	Officer	Month		12				
	(b)	Health	and Safety Representative (Locally	Month		12				
B12.09	Submi	ssion c	of Health and Safety File							
	Plan fo	r appro	or must submit to the Employer a Health and oval by the Safety Officer within 14 days of and before commencing with any works on	Sum		1				
B12.10	Housin	g for E	ingineer's Staff Disbursements							
	(a)	Housir	ng throughout duration of contract	PC Sum		1	R	216 000,00	R	216 000,0
	(b)	Cell-Ph	one and Data Allowance	PC Sum		1	R	72 000,00	R	72 000,
	(c)	Travell	ing	PC Sum		1	R	432 000,00	R	432 000,0
B12.11	Engine	er's Fu	II-Time Monitoring (Level 3)	PC Sum		1	R	1 296 000,00	R	1 296 000,0
B12.12	ECO M	onthly	Audits by EAP	PC Sum		1	R	600 000,00	R	600 000,0
B12.13	Occup: Safety		Health and Safety Audits by Health and	PC Sum		1	R	600 000,00	R	600 000,0
			Handling cost and profit in respect of subitems B12.10 - B12.13	%	R	3 216 000,00				
			IED TO SUMMARY							

SCHEDULI	E A : RO	AD CONSTRUCTION				SECTION 1300
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	CON AND	TRACTOR'S ESTABLISHMENT ON SITE GENERAL OBLIGATIONS				
313.01	The	Contractor's General Obligations:				
	(a)	Fixed obligations	Lump Sum	1		
	(b)	Value-related obligations	Lump Sum	1		
	(c)	Time-related obligations	Month	12		
	<u>NB</u>	The combined total tendered for subitems				
		(a), (b) and (c) shall not exceed 15% of the				
		Tender Sum (excluding CPA, contingencies				
		and VAT).				
313.02	Man	agement of the Works				
	(a)	The Contractor to maintain full time supervision of the				
		works for the duration of the contract	Month	12		
1300	TOT	AL CARRIED TO SUMMARY				
1300	1.01/	TE OMINIED TO SUMMANT				

SCHEDULE A	: ROAI	CONS	STRUCTION				SECTION 1400
ITEM			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
NO							
	HOUS	ING, OF	FFICES AND LABORATORIES				
	FOR I	HE EN	GINEER'S SITE PERSONNEL				
314.01	Office	and la	boratory accommodation:				
	(a)	Office	s (interior floor space only)	m²	30		
	(e)	Ablutio	on units:				
		(i)	Site unit	m²	10		
	(g)	Venue	for site meetings	m²	20		
4,02	Office	and la	boratory furniture:				
	(a)	Chairs	3	No	10		
	(d)	Desks	, complete with drawers and locks	No	1		
	(e)	Drawii	ng tables	No	1		
	(f)	Confe	rence tables	No	1		
B14.03	Office equipr		boratory fittings, installations and				
	(a)	Items	measured by number:				
		(i)	220/250 volt power points including				
			voltage stabilisers and regulators as specified	No	2		
		(iii)	Double 80 watt fluorescent-light fittings complete with ballast and tubes	No	2		
		(iv)	Double 55 watt fluorescent-light fittings complete with ballast and tubes	No	2		
		(vi)	Wash-hand basins complete with taps and drains				
		(4)		No	1		
		(x)	Fire extinguishers, 9,0 kg all purpose dry powder type, complete, mounted on wall with brackets	No	1		
		(xi)	Air-conditioning units with 2,2 kW minimum capacity, mounted and with				
			own power connection	No	1		
1400	0	d forwa	and and				

SCHEDUL	E A : ROA	D CON	STRUCTION						SE	CTION 1400
ITEM NO			DESCRIPTION	UNIT	Q	UANTITY	RAT	Έ	AMOUNT	
	Broug	ht forw	vard							
B14.03	(a)	(xiv)	General-purpose steel cupboards with							
(cont)			shelves	No		2				
		(xvi)	Refrigerators	No		1				
		(xvii)	Bookcases	No		3				
		(xviii)	Voltage stabilizers	No		1				
		(xix)	Steel plan cabinets	No		1				
		(xx)	Floodlights complete with poles and							
			minimum 500 watt globes	No		3				
	(b)		-cost items and items paid for in a							
		lump :	sum:							
		(ix)	Provision of cellphones complete with car kits fitted to vehicles as directed, including all fees and the cost of phone							
			calls in connection with the administration of the Contract	PC Sum		1	R	10 000,00	D	10 000,00
		( )		F G Suili			IX.	10 000,00	I K	10 000,00
		(x)	Handling costs and profit in respect of subitem B14.03(b)(ix) above	%	R	10 000,00				
14,04	Car po	orts		No		3				
14,08	Servic	es:								
	(a)	Servic	es at offices and laboratories:							
	(-)	(i)	Fixed costs	Lump Sum		1				
		(ii)	Running costs	month		12				
		()								
14,10	Provis	ion of	photostat facilities	month		12				
B14.12	Suppl	y of co	mputer hardware and software:							
	(a)		amount for A3/A4 table top toner laser,colour r with scan and 18 months supply of toner	PC Sum		1	R	65 000,00	R	65 000,00
	(b)	Allow	for laptop, as specified by the Engineer	PC Sum		1	R	45 000,00	R	45 000,00
	(c)		ing cost and profit in respect of m B14.12(a)	%	R	110 000,00				
1400	TOTA	L CARF	RIED TO SUMMARY							

SCHEDULE	A : ROA	D CON	STRUCTION				SECTION 1500
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	ACCO	MMOD	DATION OF TRAFFIC				
B15.01			ating traffic and maintaining eviations	km	3,81		
B15.02	Earth	works f	for temporary deviations:				
	(a)	Shapi	ng of temporary deviations	km	3,81		
	(b)	Cut ar	nd borrow to fill	m³	90		
	(c)	Cut to	o spoil	m³	90		
B15.03	Temp	orary t	raffic-control facilities:				
	(a)	Flagm	nen	man-day	176		
	(b)	Portal	ble STOP and GO-RY signs	No	8		
	(d)	Ambe	er flicker lights	No	4		
	(e)	Road in dia	signs, R- and TR-series, 900mm meter	No	7		
	(f)	Road	signs, TW-series, 900mm sides	No	7		
	(g)	TW-se	ngular road signs, TGS-, TIN- and eries (excluding TW-series eators and barricades)	m²			Rate only
	(h)		eators TW401/TW402 (250 mm x mm sides):				
		(i)	Single sided	No	10		
		(ii)	Double sided	No	10		
	(i)	Traffi	c Cones (750mm)	No	20		
15.04	Reloc	ation o	f traffic-control facilities	Sum	7		
1500	Cami-	d form	ord				
1500	Carrie	d forw	aiu				

HEDULE	A : ROA	AD CONSTRUCTION				SECTION 15
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brou	ght forward				
B15.05	and e	elling and repair of temporary deviations existing gravel shoulders used as oorary deviations:				
	(a)	Temporary deviations	m³	450		
	(b)	Existing gravel shoulders	m³			Rate only
15,06	Wate	ering of temporary deviations	kilolitre	100		
15,07	Bladi	ing by road grader of:				
	(a)	Temporary deviations	km-pass	3,81		
	(b)	Existing roads used as temporary deviations	km-pass			Rate only
	(c)	Existing gravel shoulders used as temporary deviations	km-pass			Rate only
B15.10		ommodation of traffic where the road nstructed in half-widths	km	3,81		
15,13	In sit	u preparation and compaction of existing				
	dens	el shoulders to 93% of modified AASHTO	m³			Rate only
B15.14	Provi	ision of traffic safety equipment for use e engineer:				
	(a)	Emergency rotating mini lightbar for mobile use	No	2		
	(b)	'Construction' sticker for vehicles with 100 mm high lettering	No	2		
1500	Carri	ed forward				

CHEDULE	A : RO	AD COI	NSTRUCTION			-		SECTION 150
ITEM NO			DESCRIPTION	UNIT	QUANTITY	,	RATE	AMOUNT
	Brou	ght for	ward					
15.19			emporary road signs and					
	delin	eators	<u> </u>					
	(a)	Repa	air:					
		(i)	Cost	Prov Sum	1	R	10 000,00	R 10 000,0
		(ii)	Handling cost and profit in respect of subitem B15.19(a)(i) above	%	R 10 000,0	00		
	(b)	Renla	acement:					
	(5)							
		(i)	Cost	Prov Sum	1	R	10 000,00	R 10 000,0
		(ii)	Handling cost and profit in respect of subitem B15.19(b)(i) above	%	R 10 000,0	00		
			(-)(-)(-)					
1500	ТОТ	AL CAR	RRIED TO SUMMARY			+		

SCHEDULE	E A : ROAD CONS	STRUCTION				SECTION 1600
ITEM NO		DESCRIPTION	UNIT	OUANTITY	RATE	AMOUNT
	OVERHAUL					
16.01	Overhaul on free-haul dist or through 1,	material hauled in excess of a tance of 0.5 km. for haul up to 0 km (restricted overhaul)	m³			Rate only
B16.02	Overhaul on 8,0 km (free	material hauled in excess of Haul)	m³-km	4 950		
1600	TOTAL CARE	RIED TO SUMMARY				

SCHEDULE	A : RO	AD CONSTRUCTION				SECTION 1700
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1700	CLEA	ARING AND GRUBBING				
B17.01	Clea	ring and grubbing	ha	3		
17,02		oval and grubbing of large trees and stumps:				
	(a)	Girth exceeding 1 m up to and including 2 m	No	5		
	(b)	Girth exceeding 2 m up to and including 3 m	No	5		
17,03		earing of surfaces (on the written uctions of the engineer only)	ha			Rate only
17,04		ring and grubbing at inlets and outlets rdraulic structures	m²			Rate only
17,05	Clea	ning out of hydraulic structures:				
	(a)	Pipes with an internal diameter up to and including 750 mm	m³			Rate only
	(c)	Box culverts up to and including 1,5 m vertical dimension	m³			Rate only
B17.09	Dem misc	olition, removal and disposal off site of cellaneous structures consisting of:				
	(a)	Unreinforced concrete	m³	10		
	(b)	Reinforced concrete	m³	5		
1700	ТОТ	AL CARRIED TO SUMMARY				

SCHEDULE A	: ROAI	CONS	STRUCTION				SECTION B1800
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<u>B1800</u>	DAYW	ORKS					
B18.01	Perso	nnel du	ring normal working hours:				
	(a)	Unskil	lled labour	hour	5		
	(b)	Semi-	skilled labour	hour	5		
	(c)	Skilled	d labour	hour	5		
	(d)	Gange	er	hour	5		
	(e)	Flagm	nen	hour	5		
B18.02	Perso	nnel ou	Itside normal working hours:				
	(a)		de normal working hours and on				
		(i)	Unskilled labour	hour	10		
		(ii)	Semi-skilled labour	hour	10		
		(iii)	Skilled labour	hour	10		
		(iv)	Ganger	hour	10		
		(v)	Flagmen	hour	10		
	(b)	Sunda	ays and public holidays:				
		(i)	Unskilled labour	hour	10		
		(ii)	Semi-skilled labour	hour	10		
		(iii)	Skilled labour	hour	10		
		(iv)	Ganger	hour	10		
		(v)	Flagmen	hour	10		
B1800	Carrie	d forwa	ard				

SCHEDULI	E A : ROA	D CON	STRUCTION				SECTION B1800
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brou	ght forv	vard				
B18.03	Equip	ment/F	Plant:				
	(a)	Tippe	r truck 6 m³	hour	10,00		
	(b)	T.L.B	(55kW)	hour	10,00		
	(c)	Grade	er: 140 G or Similar	hour	10,00		
	(d)	Excav	rator (25 TON)	hour	10,00		
	(e)	Front	end loader	hour	10,00		
	(f)	Vibra	ting pedestrian roller (Bomag 60)	hour	10,00		
	(g)	Vibra	tor Roller	hour	10,00		
	(h)	Dozei	(D7 or Similar)	hour	10,00		
	(i)		n³ Loader	hour	10,00		
	(i)		matic Tyre Roller (60kW, 20tonne)	hour	10,00		
	(k)		Roller (13 tonne)	hour	10,00		
	(I)		 Hammer	hour	10,00		
B18.04	Mate	rials:					
	(a)	Procu	rement of materials	Prov Sum	1	R 25 000,00	R 25 000,00
	(b)	Controther B18.0	actor's handling costs, profit and all charges in respect of subitem 4(a)	%	R 25 000,00		
B18.05	Trans	sport:					
	(a)	LDV		km	2		
	(b)	Flatbe	ed truck	km	100		
B1800	TOTA	L CARI	RIED TO SUMMARY				

SCHEDUL	E A : ROAD CONSTRUCTION				SECTION 2100
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
NO					
2100	DRAINS				
21.01 LI	Excavation for open drains				
	(a) Excavating soft material situated within the following depth ranges below the surface level:				
	(i) 0 m up to 1,5 m	m³	1190		
	(2) 1.5 m up to 3.0 m	m³	820		
	(b) Extra over sub item 21.01 (a) for excavation in hard material, irrespective of depth	m³	357		
21.02 LI	Clearing and shaping existing open drains	m³	150		
21,03	Excavation for subsoil drainage systems				
	(a) Excavating soft material situated within the following depth ranges below surface level:				
	(i) 0 m up to 1,5m	m³	500		
	(b) Extra over subitem 21.03(a) for excavation in hard material irrespective of depth	m³	50		
21,04	Impermeable backfilling to subsoil drainage systems	m³	150		
21,06	Natural permeable material in subsoil drainage systems (crushed stone)				
	(b) Crushed stone obtained from commercial sources	m³	150		
	(ii) Coarse grade stone	m³			
21,07	Natural permeable material in subsoil drainage systems (Sand)				
	(b) Sand from commercial sources	m³	120		
21,08	(b) Unplasticised PVC pipes and fittings, normal duty complete with couplings  (1) Perforated				
	(i) 160mm dia.	m	500		
21,10	Synthetic fibre filter fabric				
	(i) Grade 2 Geo-textile Membrane	m²	100		
21,12	Concrete outlet structures, manhole boxes, junction boxes and cleaning eyes for subsoil  (a) Outlet structures				
21.13-LI	Concrete caps for subsoil drain pipes	No.			Rate only
21,15	Overhaul for material hauled in excess of 1.0km free haul (normal overhaul)	m³/km			Rate only
21,17	Testing flushing of pipe subsoil drains	No	10		
2100	TOTAL CARRIED TO SUMMARY				

SCHEDULE	A : ROA	AD CON	STRUCTION				SECTION 2200
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2200	PREF	ABRICA	ATED CULVERTS				
22,01	Exca	vation:					
	(a)	Excav follow level:	vating soft material situated within the ving depth ranges below the surface				
		(i)	0 m up to 1,5 m	m³	1668		
		(ii)	Exceeding 1,5 m and up to 3,0 m	m³	814		
		(iii)	Exceeding 3,0 m and up to 4,5 m	m³	158		
	(b)		over subitem 22.01(a) for excavation d material, irrespective of depth	m³	528		
B22.02	Back	filling:					
	(a)	Using	the excavated material	m³	50		
	(b)	Using	imported selected material	m³	1009		
	(c)	soil c	over subitems B22.02(a) and (b) for ement (soilcrete) backfilling containing ement	m³	317,7		
2200	Carri	ed forw	ard				

ITEM	A : ROA	VD CON	NSTRUCTION DESCRIPTION	UNIT	QUANTITY	RATE	SECTION 220 AMOUNT
NO							
	Brou	ght for	ward				
B22.03	Conc	rete Pi	ipe Culverts:				
	(b)	On C	lass B bedding:				
		(i)	Type SC 100D-load pipes with ogee joints:				
			(1) 450mm dia	m			Rate on
			(2) 600mm dia	m	900		
			(3) 675mm dia	m			Rate or
			(4) 750mm dia	m			Rate on
			(5) 1050mm dia	m	58		
			(6) 1200mm dia	m			Rate on
22,05	Porta	al and r	rectangular culverts:				
	(a)	Com	plete with prefabricated floor slabs:				
		(i)	600mm x 450mm	m			Rate or
		(ii)	1500mm x 1500mm	m			Rate on
22,07	Cast	in situ	concrete and formwork:				
	(b)		oor slabs for portal or rectangular				
			erts, including formwork, joints and s U2 surface finish:				
		(i)	Class 25/19 concrete	m³			Rate on
	(c)	catch	et and outlet structures, skewed ends, hpits, manholes, thrust and anchor ks, excluding formwork, but including s U2 surface finish:				
		(i)	Class 25/19 concrete	m³			Rate or
		(ii)	Class 30/19 concrete	m³			Rate or
	(d)		nwork of concrete under subitem 7(c) above:				
		(i)	Class F1 surface finish	m²			Rate or
		(ii)	Class F2 surface finish	m²			Rate or
2200	Carri	ed forv	ward				

IEDULE	A:ROA	D CONS	STRUCTION				SECTION 220
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Broug	ht forw	ard				
22,08	Concr		kfill for culverts, class 25/19	m³			Rate on
22,10	Steel	reinford	ement:				
	(a)	Mild s	teel bars	t			Rate on
	(b)	High-t	ensile steel bars	t			Rate on
	(c)	Welde	d steel fabric	kg			Rate or
22,11	Dowe	ls for jo	ining old and new concrete	kg			Rate on
22,12	Remo	ving ex	isting concrete:				
	(a)	existin	g concrete pipes	m³	100		
	(b)	existin	ng wing wall structures & inlets	m³	30		
22,17			tchpits, precast inlet and outlet mplete:				
	(a)	Manho					
		cover	oles, complete with heavy duty concrete/polymer lids and frames, steps etc as per typical details, ing waterproofing				
			(1) 0 to 1.5m deep	No	5		
			(2) Exceeding 1.5m and up to 3.0m deep	No	15		
			(3) Exceeding 3m and up to 4.5m deep	No	6		
	(b)	Inlet a	nd outlet structures, including waterproofing	110			
	(6)	mieta	(i) Kerb inlet - Upstream Transition Length of 2m complete, including transitions, cover slabs, etc	NI-			
			as per typical detail drawing  (ii) Kerb inlet - Upstream Transition Length of 3m	No	1		
			complete, including transitions, cover slabs, etc as per typical detail drawing	No	1		
			(iii) Low point kerb inlet with both transition lengths of 2m complete, including transitions, cover slabs, etc				
			as per typical detail drawing	No	1		
			(iv) Field inlets as per typical detail drawing	No	13		
			(v) Wing wall outlet				
			as per typical detail drawing	No	7		
	(c)	in the	over or less subitem 22.17(a) and (c) for variations depths of manholes from the standard depth nated (1.75m depth) up to 4m				
			(i) kerb inlet manholes	No	3		
			(ii) field inlet manholes	No	13		
2200	Carrie	d forwa	ard				

ILDULL	A . RUAI	J CON	ISTRUCTION				SECTION 220
NO NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brougl	nt forv	ward				
22,18	Brickw	ork (t	ype NFX bricks):				
	(a)	115 m	nm thick	m²			Rate or
	(b)	230 n	nm thick	m²			Rate or
22,19	Plaste	Г		m²	100		
22,20	Bench	ing		m²	100		
22,21	Acces	sories	: :				
	(a)	Manh	oole covers including frames:				
		(i)	SABS 558 type 2	No	16		Rate o
	(-)	concr	bricated reinforced class 20/19 rete cover slabs, 760 mm x 760 mm x m, complete as shown on the				
		drawi	supports	No	10		Rate o
		concr	bricated reinforced class 25/19 rete cover slabs, 940 mm x 1000 mm x nm, complete as shown on the				
		drawi		No	10		Rate o
22,23	Servic	e duct	ds:				
	(a)	Ordin	ary pipes:				
		(i)	150 mm internal dia pitch-fibre pipes	m			Rate o
		(ii)	160mm dia uPVC, Class 34 on Class C bedding	m			Rate o
	(b)	Split p	pipes:				
		(i)	150 mm internal dia PVC pipes	m			Rate o
		(ii)	160mm dia uPVC, Class 34 on Class C bedding	m			Rate o
2200	Carrie	d forw	vard				

HEDULE .	A : ROA	D CON	ISTRUCTION				SECTION 220
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brou	ght for	ward				
22,24	Duct	marke	r blocks:				
	(a)		nm x 300 mm x 100 mm class 20/19 rete as shown on the drawings	No			Rate on
	(b)		nm x 150 mm x 150 mm class 20/19 rete as shown on the drawings	No			Rate on
22,25	spoil, ceme struc and r stack	backfi ent in th tures d emovir king exi	excavated material carted to Ill material (but excluding Portland ne case of soil cement), existing lemolished and removed to spoil, ng and relaying, and removing and sting prefabricated culverts, for ss of the free-haul distance	m³-km	1009		
B22.26	Hand	excav	ation:				
	(a)	To de	etermine the positions of existing ces:				
		(i)	In roads	m³	300		
		(ii)	In all other areas	m³	50		
	(b)		r side of the services to 0,6 m on	m³			Rate or
22,27	Reins	stating	trenches crossing roads:				
	(a)	Selec	cted layers	m²			Rate or
	(b)	Subb	ase	m²			Rate or
	(c)	Base	(including prime coat)	m²			Rate or
	(d)		ninous surfacing				
		inclu	ding tack coat	m²			Rate or
	(e)	Kerbi	ing	m			Rate or
	(f)	Block	c Paving	m²			Rate or
	(g)	Conc	rete Paving	m²			Rate or
		ed forw					

SCHEDULE A	: ROA	D CONS	TRUCTION				SECTION 2200
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Broug	ht forwa	ard				
B22.29	with a	500 mr	of prefabricated culvert joints n wide strip of Bituthene 3000 or				
	an ap	provea e	equivalent material	m			Rate only
B22.30			existing drainage structures and es of the following diameter:				
	(a)	450mn	n dia	No			Rate only
	(b)	525mn	n dia	No			Rate only
	(c)	600mn	n dia	No			Rate only
B22.31		llowing	existing stormwater pipes of sizes to construct new drainage				
	(a)	450mn	n dia	No			Rate only
	(b)	525mn	n dia	No			Rate only
	(c)	600mn	n dia	No			Rate only
2200	TOTA	L CARR	IED TO SUMMARY				

HEDULE	A : ROA	AD CONSTRUCTION				SECTION 230
ITEM		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
NO						
2300	CON	CRETE KERBING, CONCRETE				
	CHA	NNELLING, CHUTES AND DOWNPIPES, CONCRETE LININGS FOR OPEN DRAINS				
323.01	Conc	erete kerbing, Straight and Curved				
	inclu	ding Joints, class 25/19 concrete:				
	(a)	Prefabricated mountable kerb, SABS 927				
	(a)	fig 8, as shown on the drawings	m	5 530,00		
		ing 0, as shown on the drawings		3 330,00		
	(b)	Prefabricated barrier kerb, SABS 927				
		fig 3, as shown on the drawings	m	456,00		
	(c)	300 mm x 200 mm cast in situ class 20/19				
	(0)	concrete edge beam, as shown on the				
		drawings	m	65,00		
323.02	Conc	erete kerbing-channelling combination,				
20.02	Strai	ght and Curved, including Joints,				
	class	s 25/19 concrete:				
	(a)	Prefabricated mountable kerb, SABS 927				
		fig 8, with 300 mm wide cast in situ				
		concrete channel, class 20/19		0.40.00		
		as shown on the drawings	m	240,00		
	(b)	Prefabricated barrier kerb, SABS 927				
	(5)	fig 3, with 300 mm wide cast in situ				
		concrete channel, class 20/19				
		as shown on the drawings	m			Rate only
23,05	Inlet.	outlet, transition and similar structures				
- • - •	(typic	cal designs):				
	(a)	Inlet structures, for chutes down side slopes,				
	Ľ	class 20/19 concrete, complete as shown on				
		the drawings	No	1		
	(c)	Combined double kerb inlet and manhole		1		
		Class 25 concrete	No	1		
2300	Carri	ed forward				
2300	Calli	eu ioiwaiu				

HEDULE A	A : ROA	D CONS	STRUCTION				SECTION 230
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Broug	ht forw	ard				
323.06	Inlet,	outlet, t	ransition, ramps and tures (measured by components):				
	(a)	Concr	ete:				
		(i)	Class 25/19 concrete	m³			Rate only
	(b)	Formv	work:				
		(i)	Class U2 surface finish	m²			Rate only
23,07	Trimn	ning of drains:	excavations for concrete-lined				
	(a)	In soft	t material	m²	480		Rate only
	(b)	In hard	d material	m²	2		Rate only
23,08	Conc	rete linii	ng for open drains:				
	(a)		n situ class 25/19 concrete (Trapezoidal Channel)	m³	830		
	(b)		U2 surface finish to cast in situ ete (Trapezoidal Channel)	m²	5550		
23,09	Form	work to drains (	cast in situ concrete lining for (class F2 surface finish):				
	(a)	To sid	les with formwork on the internal face	m²			Rate only
	(b)		es with formwork on both internal and al faces (each face measured)	m²	650		
	(c)	To end	ds of slabs	m²	250		
2300	Carrie	ed forwa	ard				

HEDULE	A : RO	AD CONSTRUCTION				SECTION 2300
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brou	ght forward				
23,10	Seale	d joints in concrete linings of open	m	2 090,00		
	Grain			2 0 30,00		
23,12	Steel	reinforcement:				
	(a)	Mild steel bars	t			Rate only
	(b)	High-tensile steel bars	t			Rate only
	(c)	Welded steel fabric	kg	33 600,00		
323.14		ng bituminous surfacing and pavement				
	layer chan	s for concrete kerbing, edge beams, nelling or concrete-lined drains:				
	(a)	Depth up to 50 mm	m	1625		
	(b)	Depth exceeding 50 mm but not exceeding				
		100 mm	m			Rate only
323.17	Rem	oving existing kerbing	m			Rate only
2300	TOTA	AL CARRIED TO SUMMARY				

IEDULE	A : ROA	D CON	STRUCTION				SECTION 320
ITEM			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
NO							
3200	SELECTION, STOCKPILING AND BREAKING- DOWN THE MATERIAL FROM BORROW PITS,						
	LAYE	RS, ANI	ND EXISTING PAVEMENT DELACING AND COMPACTING LAYERS				
32.06	Stock		f material				
	(a)	Existin	g road layers	m³	4 950		
3200	TOTA	I CARE	RIED TO SUMMARY				

HEDULE	A : ROA	D CON	STRUCTION				SECTION 330
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3300	MASS	EARTH	HWORKS				
B33.01	Cut ar	nd borre	ow to fill, including all haul:				
	(a)		ial in compacted layer thicknesses mm and less:				
			Compacted to 90% of modified AASHTO density	m³			Rate on
		(ii)	Compacted to 93% of modified AASHTO density	m³	2 200		
	(b)		ial in compacted layer thicknesses ding 200 mm:				
		(i)	Compacted to 90% of modified AASHTO density	m³			Rate on
			Compacted to 93% of modified AASHTO density	m³			Rate on
	(g)	specif	e fill (so-called pioneer/rock fill as ied in subclause B3307(k)) acted to 90% of modified AASHTO				
		densit		m³	330		
B33.04		spoil, i ed fror	ncluding all haul. Material m:				
	(a)	Soft ex	xcavation	m³			Rate on
	(c)	Hard e	excavation	m³	1131		
B33.07	Remo haul:	val of u	insuitable material, including all				
	(a)	In laye	r thicknesses of 200 mm and less:				
		(i)	Stable material	m³			Rate or
		(ii)	Unstable material	m³			Rate on
B33.07	(b)	In laye	er thicknesses exceeding 200 mm:				
			Stable material	m³	0.5		Rate on
		(ii)	Unstable material	m³	3500		
3300	Carrie	d forwa	ard				

		D CONSTRUCTION				SECTION 33
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Broug	ht forward				
333.09	Mater in a w	ial temporarily removed and placed indrow	m³			Rate o
33,10	Roadbed preparation and the compaction of material:					
	mater					
	(a)	Compaction to 90% of modified AASHTO				
		density	m³			Rate o
	(b)	Compaction to 93% of modified AASHTO				
		density	m³	3 768		
33,12	In situ	ı treatment of roadbed:				
	(a)	In situ treatment by ripping	m³			Rate o
	(b)	In situ treatment by blasting	m³			Rate
	©	In situ treatment with road-lime	m³	2637,6		
3300		L CARRIED TO SUMMARY				

HEDULE	A : ROA	AD CON	ISTRUCTION				SECTION 340
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3400	PAVE	MENT	LAYERS OF GRAVEL MATERIAL				
34,01	taker	ment la n from c 1,0 km	yers constructed from gravel cut or borrow, including free-haul				
	up to	I,O KIII	<u>.                                    </u>				
	(a)	Grave	el selected (G7) layer compacted to:				
		(i)	93% of modified AASHTO density for a				
			compacted layer thickness of 150mm	m³	3768		
		(ii)	95% of modified AASHTO density for a				
		) í	compacted layer thickness of 150mm	m³			Rate only
	(g)	Grave	el shoulders compacted to:				
		(*)	COOK OF THE LANGUETO A STATE OF				
		(i)	93% of modified AASHTO density for a compacted layer thickness of 150mm	m³			Rate only
		(11)					
		(ii)	95% of modified AASHTO density for a compacted layer thickness of 150mm	m³			Rate only
			dempasted layer unionities of Toomin				Trace orny
34,02	Extra	over it	em 34.01 for excavation of				
,		rial in:					
	(b)	Hard	excavation	m³			Rate only
334.03			yers constructed from gravel				
	obtained from existing pavement layers:						
	(a)	Grave	el selected layer compacted to 93% of				
		modif	fied AASHTO density, using:				
		(i)	Non-cemented material for a				
			compacted layer thickness of 150mm	m³			Rate only
		(ii)	Cemented material for a compacted				
			layer thickness of 150mm	m³			Rate only
	(I)	Grave	el shoulder wearing course compacted				
		to 939	% of modified AASHTO density, using:				
		(i)	Non-cemented material for a				
			compacted layer thickness of 150mm	m³			Rate only
		(ii)	Cemented material for a compacted				
			layer thickness of 150mm	m³			Rate only
3400	Carri	ed forw	rard				

IEDULE	A : ROA	D CON	ISTRUCTION				SECTION 340
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Broug	ht forv	vard				
34.01	Pavei	ment la	yers constructed from gravel m commercial sources or				
	appro		urces provided by the contractor,				
	(a)	Grave	el selected layer from G6 material				
	(a)		eacted to:				
		(i)	93% of modified AASHTO density for				
			a compacted layer thickness of 150 mm	m³	300		
			100 IIIII	1115	300		
		(ii)	95% of modified AASHTO density for				
			a compacted layer thickness of				
			150 mm	m³			Rate only
	(b)	Grave	el subbase from G6 material				
		(unsta	abilised gravel) compacted to:				
		(:)	95% of modified AASHTO density				
		(i)	for a compacted layer thickness of				
			150 mm	m³	200		
		(ii)	97% of modified AASHTO density				
			for a compacted layer thickness of 150 mm	m³			Rate only
			130 11111				rate only
	(c)		el base from G4 material abilised gravel) compacted to:				
		(i)	98% of modified AASHTO density for a				
		(.)	compacted layer thickness of				
			150 mm	m³			Rate only
		(ii)	100% of modified AASHTO density for				
		(ii)	a compacted layer thickness of				
			150 mm	m³			Rate only
	(e)		el base from G6 material chemically ized to C4 and compacted to:				
		Stabii	lized to C4 and compacted to.				
		(i)	97% of modified AASHTO density for a				
			compacted layer thickness of				<u> </u>
			150 mm	m³			Rate only
		(ii)	98% of modified AASHTO density for a				
			compacted layer thickness of				
			150 mm	m³	3 768		
3400	TOTA	L CAR	RIED TO SUMMARY				

HEDULE	A : ROA	D CON	STRUCTION				SECTION 350
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3500	STAB	LIZATI	ON				
B35.01	Chem	ical sta acted la	bilization extra over unstabilized ayers:				
	(c)	Gravel	subbase, 150mm thick	m³			Rate only
	(d)	Gravel	base, 150mm thick	m³	3 768		
35.02	Chem	ical sta	bilizing agent:				
	(a)	Ordina	ry Portland cement	t	101,24		
	(b)	Portla	nd blast-furnace cement	t			Rate only
	(c)	Road I type	ime, calcium / magnesium / dolomitic	t	101,24		
35,04	Provis	ion and	d application of water for curing	kilolitre	67,36		
35,05	Curing	by co	vering with the subsequent layer	m²			Rate only
3500	TOTA	CAPE	RIED TO SUMMARY				

IEDULE	A : ROAD CONSTRUCTION				SECTION 360
ITEM NO	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
3600	CRUSHED STONE BASE				
36,01	Crushed-stone base				
	(a) Constructed from type G2 material obtained from commercial sources and compacted to 88% of apparent density				
	(1) 37mm nominal maximum size stone	m³			Rate only
	NB: The Contractor must consider Table 3602/1 (Crushed Stone Base and Subbase: material requirement - COLTO				
3600	TOTAL CARRIED TO SUMMARY				

HEDULE	A : ROA	D CONSTRUCTION				SECTION 410
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
4100	PRIM	E COAT				
41,01	Prime	e coat:				
	(a)	RTH 3/12P or RTL 3/12P tar prime	litre			Rate only
	(b)	Quick drying RTH 1/4P tar prime	litre			Rate only
	(c)	MC-30 cut-back bitumen prime @ 0,8 l/m²	litre			Rate only
	(d)	MC-70 cut-back bitumen	litre			Rate only
41,02	Aggre	egate for blinding	m²			Rate only
41,03	Extra coat i	over item 41.01 for applying the prime n areas accessible only to hand held				
	equip	ment	litre			Rate only
4100	TOTA	L CARRIED TO SUMMARY				

HEDULE	A : ROA	D CONSTRUCTION				SECTION 420
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
4200	ASPH	ALT BASE AND SURFACING				
342.02	Aspha	alt surfacing 30mm thick using penetration-grade bitumen:				
	(a)	Continuously graded, medium grade 30mm thick	m²			Rate only
42,04	Tack	coat of 30% stable-grade emulsion	litre			Rate only
342.08	100 mm cores in asphalt paving		No			Rate only
4200	TOTA	L CARRIED TO SUMMARY				

IEDULE	A:ROA	D CO	NSTRUCTION				SECTION 5600
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5600	ROAL	SIGN	S				
56,01	Road sign boards with painted or coloured semi-matt background. Symbols, lettering and borders in semi-matt black or Class I retro-reflective material, where the sign board is constructed from:						
	(a)	Alum	inium sheet (2,0 mm thick):				
		(i)	Area not exceeding 2 m²	m²	16		
		(ii)	Area exceeding 2 m² but not 10 m²	m²			Rate only
56,02	Extra over item 56.01 for using:						
	(a)	Back	ground of retro-reflective material:				
		(i)	Class I	m²	16		
		(ii)	Class II	m²			Rate only
		(iii)	Class III	m²			Rate only
	(b) Lettering, symbols, numbers, arrows, emblems and borders of retro-reflective material:						
		(i)	Class II	m²	11,6		
		(ii)	Class III	m²			Rate only
56,03	Road sign supports (overhead road sign structures excluded):						
	(a)	Steel	tubing - 2 mm thick 50 to 100 mm dia.	t	0,38		
	(b)	Timb	er, 150 mm dia Creosote treated	m			Rate only
56,05	Excav	ation orts (n	and backfilling for road sign ot applicable to kilometre posts)	m³	2,16		
56,06	Extra backi		tem 56.05 for cement-treated soil	m³	20		
		1.6					
5600	Carrie	ed forv	varu				

HEDULE	A : RO	AD CONSTRUCTION				SECTION 560
ITEM NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Brou	ght forward				
56.07	Extra	over item 56.05 for rock excavation	m³	40		
56.08	Dism signs	antling, storing and re-erecting road with a surface area of:				
	(a)	Up to 2 m²	No			Rate only
	(b)	Exceeding 2 m² but not 10 m²	No			Rate only
56.09	Dism surfa	antling and storing road signs with a ce area of:				
	(a)	Up to 2 m²	No			Rate only
	(b)	Exceeding 2 m² but not 10 m²	No			Rate only
356.10		s 19/25 concrete backfill in excavations bad sign footings	m³	12		
356.12	Haza	rd plates:				
	(a)	600 mm x 600 mm	No			Rate only
	(b)	600 mm x 150 mm	No	21		
	(c)	800 mm x 200 mm	No			Rate only
	(d)	1 200 mm x 300 mm	No			Rate only
356.13	Tem	porary covers for road signs	m²			Rate only
356.14	Dism	antling and disposal of road signs:				
	(a)	Hazard marker signs	No			Rate only
	(b)	Single post signs (other R and W signs)	No			Rate only
	(c)	Multiple post signs	No			Rate only
	(d)	Overhead-mounted road sign boards	No			Rate only
5600	TOTA	AL CARRIED TO SUMMARY				

IEDULE	A : ROAI	D CON	STRUCTION				SECTION 5700
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5700	ROAD	MARK	INGS				
57,01	Road-	markin	g paint:				
	(a)	White	lines (broken or unbroken):				
		(i)	100 mm wide	km	0,00		Rate only
		(ii)	150 mm wide	km	3,81		
		(iii)	200 mm wide	km	0,10		
		(iv)	300 mm wide	km	0,20		
	(b)	Yellov	lines (broken or unbroken):				
		(i)	100 mm wide	km			Rate only
		(ii)	150 mm wide	km			Rate only
	(c)	Red lin	nes (broken or unbroken):				
		(i)	100 mm wide	km			Rate only
		(ii)	150 mm wide	km			Rate only
	(d)	White	lettering and symbols	m²	220		
	(e)	Yellov	lettering and symbols	m²			Rate only
	(f)	Trans	verse lines, painted island and arrestor arkings (any colour)	m²	20		
	(g)		narkings (any colour)	m²	20		Rate only
	(g)	Keibi	narkings (any colour)	111-			Rate Offig
5700	Carrie	d forwa	ard				

HEDULE A	A : ROA	D CON	STRUCTION				SECTION 570
ITEM NO			DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Broug	ht forw	ard				
57,02	Retro-	reflecti	ve road-marking paint:				
	(a)	White	lines (broken or unbroken):				
		(i)	100 mm wide	km			Rate only
		(ii)	150 mm wide	km			Rate only
		(iii)	200 mm wide	km			Rate only
	(b)	Yellow	lines (broken or unbroken):				
		(i)	100 mm wide	km			Rate only
		(ii)	150 mm wide	km			Rate only
		(iii)	200 mm wide	km			Rate only
	(c)	Red lir	nes (broken or unbroken):				
		(i)	100 mm wide	km			Rate only
		(ii)	150 mm wide	km			Rate only
		(iii)	200 mm wide	km			Rate only
	(d)	White	lettering and symbols	m²			Rate only
	(e)	Yellow	lettering and symbols	m²			Rate only
	(f)	Transv bed m	verse lines, painted island and arrestor arkings (any colour)	m²			Rate only
57,04	Variat	ions in	rate of application:				
	(a)	White	paint	litre			Rate only
	(b)	Yellow	paint	litre			Rate only
	(c)	Red pa	aint	litre			Rate only
	(d)	Retro-	reflective beads	kg			Rate only
57.06	(exclu	g out a ding tra mbols	nd pre-marking the lines affic-island markings, lettering )	km			Rate only
5700	ТОТА	L CARR	RIED TO SUMMARY				

IEDULE	A:ROA	D CONSTRUCTION				SECTION 7300
NO		DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7300	CONC	RETE BLOCK PAVING FOR ROADS				
73,01	Concr	ete block paving:				
	(a)	80mm thick interlocking paving blocks - Roads				
		(Concrete Class 19/25)	m²	25 705		
	(b)	60mm thick interlocking blocks - Sidewalks	m²	3 000		
		(Concrete Class 19/25)				
	(c)	25mm Bedding Sand applied underneath brick	m³	779		
73,02	Cast i	n situ concrete edge and intermediate				
	beam	s (class 25/19)	m³	45		
73,03	Provis	sion of approved herbicide and ant n:				
	(a)	Provision of materials	PC Sum	1	50 000,00	R 50 000,
	(b)	Contractor's charges and profit added to the prime cost sum	%	50 000,00		
73,05	Const	ruct complete speed hump as per standard ng, road markings and traffic sign measured	No.	7		
7300	TOTA	L CARRIED TO SUMMARY				

HEDULE .	A : ROA	D CONSTRUCTION					SECTION 81
ITEM NO		DES	SCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	TESTI	NG MATERIALS AND	) WORKMANSHIP				
81,02	Other	special tests reques	ted by the engineer:				
	(a)	Cost of testing		Prov Sum	1	R 80 000,00	R 80 000
	(b)	Handling cost and p subitem B81.02(a) a	orofit in respect of above	%	R 80 000,00		
8100	ТОТА	CARRIED TO SUMM	MARY				

SENQU L	OCAL MUNICIPALITY		
REHABIL	ITATION OF ROADS AND STORMWATER IN BARKLY EAST - WARD 15 & 16		
SUMMAF	Y OF SCHEDULE OF QUANTITIES		
SUMMAF	Y OF SCHEDULE A : ROAD CONSTRUCTION		
1200	GENERAL REQUIREMENTS AND PROVISIONS	R	
1300	CONTRACTOR'S ESTABLISHMENT ON SITE AND		
	GENERAL OBLIGATIONS	R	
1400	HOUSING, OFFICES AND LABORATORIES FOR THE		
	ENGINEER'S SITE PERSONNEL	R	
1500	ACCOMMODATION OF TRAFFIC	R	
1600	OVERHAUL	R	
1700	CLEARING AND GRUBBING	R	
B1800	DAYWORKS	R	
2100	DRAINS	R	
2200	PREFABRICATED CULVERTS	R	
2300	CONCRETE KERBING, CONCRETE CHANNELLING, CHUTES AND		
	DOWNPIPES, AND CONCRETE LININGS FOR OPEN DRAINS	R	
3200	SELECTION, STOCKPILING AND BREAKING-DOWN THE MATERIAL		
	FROM BORROW PITS, CUTTINGS AND EXISTING PAVEMENT		
	LAYERS, AND PLACING AND COMPACTING THE GRAVEL LAYERS	R	
3300	MASS EARTHWORKS	R	
3400	PAVEMENT LAYERS OF GRAVEL MATERIAL	R	
3500	STABILIZATION	R	
3600	CRUSHED STONE BASE	R	
4100	PRIME COAT	R	
4200	ASPHALT BASE AND SURFACING	R	
5600	ROAD SIGNS	R	
5700	ROAD MARKINGS	R	
7300	CONCRETE BLOCK PAVING FOR ROADS	R	
8100	TESTING MATERIALS AND WORKMANSHIP	R	
TOTAL S	CHEDULE A : ROAD CONSTRUCTION:		
CADDIED	TO CALCULATION OF TENDER SUM	R	

SENQU LOCAL MUNICIPALITY		
REHABILITATION OF ROADS AND STORMWATER IN BARKLY EAST - WARD 15 & 16		
		7
TOTALS BROUGHT FORWARD FROM SUMMARY OF SCHEDULE OF QUANTITIES		
SCHEDULE A : ROAD CONSTRUCTION		
TOTAL OF SCHEDULE OF QUANTITIES (EXCL. VAT)		
CONTINGENCIES @ 10%	10%	
SUBTOTAL 1		
VAT (15% of Subtotal 2)	15%	
TOTAL (CONSTRUCTION COST).		

### Bid No 33/2023-2024T Rehabilitation of Roads & Stormwater in Barkly East Ward 15 &16

# SCHEDULE 8: DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This declaration is based on and replaces Municipal Bid Document 6.2 (MBD 6.2).

The amendments made to the MBD 6.2 document have been necessary to clarify this standard document as it relates to local production and content in the designated sector.

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017 and the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

Documents listed herein are downloadable from the dtic's official website, http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/

This schedule must be completed by tenderers and returned with their tender at the closing date and time for this tender.

#### 1. General Conditions

- 1.1 Preferential Procurement Regulations, 2017 (Regulation 8) makes provision for the promotion of local production and content.
- 1.2 Regulation 8(2) prescribes that in the case of designated sectors, organs of state must advertise such bids with the specific bidding condition that only locally produced goods with a stipulated minimum threshold for local production and content will be considered.
- 1.3 Where necessary, for tenders referred to in paragraph 1.2 above, a two-stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price and B-BBFF.
- 1.4 A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5 The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] *100$$

Where

- x is the imported content in Rand
- y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by SA Reserve Bank at close of business on the date of advertisement of the bid as required in paragraph 4.1 below.

NOTE: The SABS approved technical specification number SATS 1286:2011 is accessible on http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/ at no cost.

1.6 A bid may be disqualified/declared non-responsive if this Declaration Certificate and Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation.

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2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

Description of services, works or goods

Textile, Clothing, Leather and Footwear

Steel Value-added Products

Cement Products

100%

Plastic Pipes

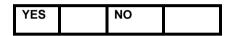
Stipulated minimum threshold

100%

100%

3. Does any portion of the services, works or goods offered for Items as detailed in Annexure C have any imported content?

(Tick applicable box)



3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the above General Conditions must be the rate(s) published by SA Reserve Bank at close of business on the date of advertisement of the bid.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

NB: Suppliers must submit proof of the SA Reserve Bank rate(s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the SM provide directives in this regard.

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LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)										
IN F	IN RESPECT OF BID NO. 33/2023-2024T									
ISS	SSUED BY: (Procurement Authority / Name of Municipality / Municipal Entity):									
ND	1	The obligation to complete, duly sign and submit this declaration cannot be transfe authorized representative, auditor or any other third party acting on behalf of the bidde		nal						
	Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <a href="http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/">http://www.thedtic.gov.za/sectors-and-services-2/industrial-development/industrial-procurement/</a> . Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below. Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.									
do l	nerek	dersigned,								
ot		The facts contained herein are within my own personal knowledge.	the following:							
	(b)	I have satisfied myself that:								
	(i)	the goods to be delivered in terms of the above-specified bid comply with the mir requirements as specified in the bid, and as measured in terms of SATS 1286:201		ent						
	(c)	The local content percentages (%) indicated below has been calculated using the formula of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the intin Declaration D and E which has been consolidated in Declaration C;								
	Bid	price, excluding VAT (y)	R							
	Imp	orted content (x), as calculated in terms of SATS 1286:2011	R							
	Stip	ulated minimum threshold for local content (paragraph 2 above)								
	Loc	al content %, as calculated in terms of SATS 1286:2011								
Dec	lara n ca	oid is for more than one product, the local content percentages for each protion C shall be used instead of the table above. The local content percentages for ellculated using the formula given in clause 3 of SATS 1286:2011, the rates of excliph 3.1 above and the information contained in Declaration D and E.	each product h	nas						
	(d)	I accept that the Procurement Authority / Municipality / Municipal Entity has the right to recontent be verified in terms of the requirements of SATS 1286:2011.	equest that the lo	cal						
	(e)	(e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Municipal / Municipal Entity imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).								
		SIGNATURE: DATE:								
		WITNESS No. 1 DATE:								
		WITNESS No. 2 DATE:								

#### Annex C

# **Local Content Declaration - Summary Schedule**

(C1)	Tender No.		33/2023-2024	Т	]	
(C2)	Tender description:		Rehabilitation Barkly East V	1		
(C3)	Designated product(s)					
(C4)	Tender Authority:		Senqu Munic			
(C5)	Tendering Entity name:					
(C6)	Tender Exchange Rate:	Pula		EU		GBP
(C7)	Specified local content %		I	1		J

Note: VAT to be excluded from all calculations

		Calculation	alculation of local content							
Tender item no's	List of items	Tender price per UoM (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)			
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)			
21.10	Synthetic fibre filter fabric									
21.08	Unplasticised PVC pipes and fittings									

Tender summary Antici-Total pated Total Total exempted imported . Annual tender Imported Tender value content content Qty (m) (C16) (C17) (C18) (C19)

## Bid No 33/2023-2024T

Rehabilitation of Roads & Stormwater in Barkly East Ward 15 &16

		Calculation	of local conten	t			Tender summary				
Tender item no's	List of items	Tender price per UoM (excl VAT)	Exempted imported value	Tender value net of exempted imported content	Imported value	Local value	Local content % (per item)	Antici- pated Annual Tender Qty (m)	Total tender value	Total exempted imported content	Total Imported content
(C8)	(C9)	(C10)	(C11)	(C12)	(C13)	(C14)	(C15)	(C16)	(C17)	(C18)	(C19)
B12.03	SABS Approved Heavy Duty Personal Protective Equipment (PPE)										
B21.20-LI	Galvanized wire mesh										
23.12	Steel reinforcement:										
B35.02	Ordinary Portland cement										
56.03 (a)	Steel tubing										
	<u> </u>	1					(C20) Total te	nder value	R		
Signature •	of tenderer from Annex B						(C21) Total Exe	empt importe	ed content	R	
							<i>(C22) Total</i> Ter exempt import		et of	R	
								(C23) T	otal Importe	ed content	R
								<i>(C24)</i> T	otal local co	ontent	R
Date:		-					(C25) Average local content % of tender				