

CONTRACT NAME.: REHABILITATION OF HLOHLOKWE - GA-MOHLALA ACCESS ROAD					
ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
1200	GENERAL REQUIREMENTS AND PROVISIONS				
B12.02	(a) Exposing existing services	Prov Sum	1,00	25 000,00	25 000,00
	(b) Handling costs and charges for the contractor	%	25 000,0		
	(c ) Relocating existing services	Prov sum	1,0	35 000,00	35 000,00
	(d) Handling costs and charges for the contractor	%	35 000,0		
B12.04	(i) Provision of a Community Liaison Officer (CLO)				
	(a) Provisional sum for the payment of the Community Liaison Officer	Months PS	6,00	6 000,00	36 000,00
	(b) Provisional sum for PSC @ R400p/p/m (10 members max)	Months PS	6,00	2 000,00	12 000,00
	(c) Handling costs and profit in respect of sub-item B12.04(a)	%	48000,00		
B12.05	Training				
	(a) Technical skills	Prov sum	1,00	150 000,00	150 000,00
	(b) Generic and Management Skills	Prov sum	1,00	60 000,00	60 000,00
	(c) Training venue	L/sum	1,00		
	(e) Contractor's handling costs, profit and all other				
	(i) Technical skills	%	150 000,00		
	(ii) Generic and Management skills	%	60 000,00		
B12.06	Compliance with the OHS Act and Construction Regulations				
	(a) Contractor's initial obligations in respect of the Occupational Health and Safety Act and Construction Regulations	L/sum	1,00		
	(b) Contractor's time related obligations in respect of the Occupational Health and Safety Act and Construction Regulations	Month	6,00		
	(c ) Submission of the Health and Safety File	L/sum	1,00		
B12.07	Construction Sign Boards. Rate is to include for all materials, labour and plant for the production and erection of the boards as indicated.(Editing the existing)	No.	2,00		
TOTAL SECTION 1200 CARRIED FORWARD TO SUMMARY					
ITEM	DESCRIPTION	UNIT	QTY		AMOUNT



1400	<b>HOUSING, OFFICES AND LABORATORY FOR THE ENGINEER'S SITE PERSONNEL</b>				
14,01	Office and laboratory accommodation				
	(a) Office (interior floor space only)	m <sup>2</sup>	40,00		
	(b) Laboratories interior floor space only)	m <sup>2</sup>	160,00		
	(c) Open concrete working floors,150mm thick	m <sup>2</sup>	240,00		
	(d) Roofs over open concrete working floors	m <sup>2</sup>	240,00		
	(e) Ablution units	m <sup>2</sup>	12,00		
	(f) Stores	m <sup>2</sup>	18,00		
14,02	Office and laboratory furniture				
	(a) chair	No	20,00		
	(b) Draughtsman's stools	No	2,00		
	(c) High chair for laboratory	No	2,00		
	(d) Desk, complete with drawers and locks	No	4,00		
	(e) Drawing tables	No	1,00		
	(f) Conference tables	No	1,00		
14.03	Offices and laboratory fittings installation and equipment				
	(a) Items measured by number				
	(i) 220/250 volt power points	No	3,00		
	(ii) 400/231 volt 3-phase power points	No			Rate only
	iii) Double 80 watt fluorescent light fitting complete	No	4,00		
	(iv) Double 55 watt fluorescent light fittings complete	No	3,00		
	(v) Single incandescent light fittings complete with	No	3,00		
	(vi) Hand wash basin complete with taps and drains	No	2,00		
	(vii) Laboratory basin complete with swanneck taps	No	-		
	(viii) Extractor fans installed complete with own power connections	No	1,00		
	(ix) Fire extinguishes 2,5 kg bef type, complete	No	4,00		
	(x) Air conditioning units with 2,2 kw minimum capacity, mouted and with a suitable power point connection	No	4,00		
	(xi) heater, space-heating type, minimum capacity 1,5kw	No	-		
	(xii) Curing chamber for UCS specimen, complete complete with water connection, including the provision	No	-		
	(xiii) General purpose steel cupboards with shelves	No	2,00		
	(xiv) Steel filing cabinets with drawers	No	2,00		
	(xv) Refrigerator	No	2,00		
	(xvi) Steel plan cabinets	No	1,00		
	(xvii) Floodlights complete with poles and 500 Watt minimum globes	No	4,00		
TOTAL CARRIED FORWARD					
ITEM	DESCRIPTION	UNIT	QTY		AMOUNT
BROUGHT FORWARD					

	(b) Prime cost items measured and paid by lump sum				
	(i) Provision of 400/231 volt 3-phase electrical power installation, including all wiring, switchboards,	Lump Sum	1,00		
	(ii) Provision of low pressure gas installation, including gas-storage cylinders	Lump Sum	-		Rate only
	(c) Items measured by area				
	(i) Shelving as specified complete with brackets	m²			Rate only
	(ii) Work-benches complete with wooden top, minimum thickness 75mm	m²			Rate only
	(iii) Work-benches complete with wooden top, minimum thickness 25mm	m²			Rate only
	(iv) Constant Temperature baths of Concrete	m²			Rate only
	(v) Foundations for laboratory equipment	m²			Rate only
	(vi) Roller blinds, opaque type	m²	12,00		
	(vi) Venetian blinds	m²	16,00		
14,04	Car ports				
	(a) car ports, as specified at offices and laboratory	No	4,00		
14,07	Rented, hotel and other accommodation				
	(a) Provisional sum for providing rented housing, hotel or other accommodation as described in subclause 1403 (c)(ii)	Month PS	12,00		
	(b) Handling costs and profit in respect of subitem 14.07 (a)	%	-		
	(c) Allow cellphone airtime and data for the Engineer	Month PS	12,00		
14,08	Services				
	(a) Services at offices and laboratories				
	(1) Fixed cost	Lump	1,00		
	(2) Running costs	Month	12,00		
14,10	Provision for Photostat (with scanner) facility	Month PS	12,00		
TOTAL SECTION 1400 CARRIED FORWARD TO SUMMARY					
ITEM	DESCRIPTION	UNIT	QTY		AMOUNT
BROUGHT FORWARD					

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	(a) Unskilled labour	h	25		
	(b) Semi-skilled labour	h	25		
	c) Skilled labour	h	25		
	(d) Ganger	h	25		
	(e) Flagmen	h	25		
D18.02	Personnel outside normal working hours				
	(a) Outside normal working hours and Saturdays				
	(i) Unskilled labour	h	100		
	(b) Sundays and public holidays				
	(i) Unskilled labour	h	25		
1731	D18.03	Plant			
	(a) Cat D7H Dozer or equivalent	h	25.0		
	(b) Cat 350 Excavator or equivalent	h	25.0		
	c) Cat 428 TLB or equivalent	h	25.0		
	(d) Cat 140G or equivalent	h	25.0		
	(e) Cat 930 Loader or equivalent	h	25.0		
	(f) Hand controlled compactors:				
	(i) Bomaq BW90 Pedestrian roller or equivalent	h	25.0		
	(ii) Vibratory Plate	h	25.0		
	(iii) Rammers	h	25.0		
	(a) Watercart 10000l	h	25.0		
	(h) 5 m3 Tippers	h	25.0		
	(i) 10 m3 Tippers	h	25.0		
	(k) Compaction Rollers:				
	(i) Vibrator roller	h	25.0		
	(ii) Tampina roller	h	25.0		
	(iii) Grid roller	h	25.0		
TOTAL SECTION 1800 CARRIED FORWARD TO SUMMARY					
ITEM	DESCRIPTION	UNIT	QTY		AMOUNT
21,00	DRAINS				
21,01	Excavation for open drains				

	Excavating soft material situated within the following depth ranges below the surface level				
	(1) 0m up to 1.5m	m³	1 335,00		
	(2) 1,5m up to 3.0m	m³	350,00	Rate only	
LI 21.03	Excavation for sub-soil drainage systems:				
	(a) Excavating soft material situated within the				
	(i) 0 m up to 1,5 m		90		
	(b) Extra over subitem 21,03 (a) for excavation in				
21,04	Impermeable backfilling to subsoil drainage	m³	80,00		
21,05	Banks and dykes	m³	65,00		
21,06	Natural permeable material in submoil drainage system (crushed stones)				
	(b) Crushed stone obtained from commercial sources				
	(2) Coarse grade 19mm surfacing stone	m³	290,00		
21,07	Natural permeable material in submoil drainage				
	(b) Sand Commercial sources				
	(1) Coarse Grade	m³	320,00		
21,08	Pipes in subsoil drainage systems:				
	(b) Unplasticised PVC pipes and fittings, normal duty				
	(1) 150mm internal dia. Perforated.	m	600,00		
21,09	Polyethylene sheeting 0.15mm tick, or similar,	m²	460,00		
21,1	Synthetic-fibre filter fabric (Grade A2 or equivalent)	m²	440,00		
21,12	Concrete/brick work outlet structures,manhole boxes				
	(a) Outlet Structures	no	2,00		
	(c ) Junction boxes	no	6,00		
	(d) Cleaning eyes	no	7,00		
21,13	Concrete caps for sub-soil drain pipes	no	rate only		
21,15	Overhaul for material hauled in excess of 1.0km free-	m³.km	266,00		
21,17	Test flushing of pipe subsoil drains	m	10,00		
21,19	Selected backfill material under concrete-lined side drains compacted to 93% of modified AASHTO	m³	89,00		
TOTAL SECTION 2100 CARRIED FORWARD TO SUMMARY					
ITEM	DESCRIPTION	UNIT	QTY		AMOUNT
22,00	PREFABRICATED CULVERTS				
	Excavation				



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	(a) Precast kerbing to SABS 927				
	(i) Figure 8b (mountable) kerb on concrete bed	m	2 800,00		
	(b) 300x200 Concrete Edge beam (25 Mpa)	m	1 000,00		
23,02	Concrete kerbing-channeling combination				
	Figure 3 Kerb and channel combination for bus/taxi bays as per detail drawing	m	2 500,00		Rate only
23,03	Cast in-situ concrete chutes (measured by components)				
	(a) Concrete				
	(1) Class 25/19	m³	150,00		Rate only
	(b) Formwork				
	(1) Smooth	m²	150,00		Rate only
23,07	Trimming of excavations for concrete-lined open drains				
	(a) In soft material	m²	22,00		
	(b) In hard material	m²	533		
23,08	Concrete lining for open drains				
	(a) Cast in-situ class 25/19 concrete	m³	66,00		
	(b) U2 finish	m²	120,00		
23,09	Formwork to cast in situ concrete lining for open drains (class F2 surface finish)				
	(a) To sides with formwork on the internal face only	m²	915,00		Rate only
	(b) To sides with formwork on both internal and external faces	m²	103,00		
	(c) To ends of slabs	m²	33,00		
	Sealed joints in concrete linings of open drains	m	62,00		
23,12	Steel reinforcement				
	(b) High-tensile steel bars	t	2,30		
	(c) Welded steel fabrics	t	300,00		Rate only
23,13	Polyethylene sheeting (0,15mm thick) for concrete-lined open drains	m²	522,00		
TOTAL SECTION 2300 CARRIED FORWARD TO SUMMARY					
ITEM	DESCRIPTION	UNIT	QTY		AMOUNT
<b>3100</b>	<b>BORROW MATERIALS</b>				
<b>B31.01</b>	<b>Excess overburden</b>				
	(a) Depth up to and including 0,5m	m³	1 653,00		
	(b) Depth exceeding 0,5m and up to 1,0m	m³	1 225,00		

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TOTAL SECTION 7300 CARRIED FORWARD TO SUMMARY					
ITEM	DESCRIPTION	UNIT	QTY		
8100	TESTING MATERIALS AND WORKMANSHIP				
81,02	Other special tests requested by the engineer	Prov. Sum	1	50 000,00	50 000,00
81,02(a)	Contractor attendance and Profit	sum	50 000,00		

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CONTRACT NAME.: REHABILITATION OF HLOHLOKWE- GA-MOHLALA			
SUMMARY OF PRICING SCHEDULE			
SECTION	METHOD	DESCRIPTION	AMOUNT
		<b>SCHEDULE A: ROADWORKS</b>	
1200		General Requirements and Provisions	
1300		Contractor's Establishment on Site and General Obligations	
1400	LIC	Housing , Offices and Laboratories for the Engineer's Site Personnel	
1500	LIC	Accommodation of Traffic	
1700		Clearing and Grubbing	
1800		Dayworks	
2100	LIC	Drains	
2200	LIC	Prefabricated Culverts	
2300	LIC	Concrete Kerbing, Channelling, Chutes, Down Pipes and Concrete Lining	
3100		Borrow Materials	
3200		Selection, Stockpiling and Break-down the Material from Borrow Pits, Cuttings and Existing Pavement Layers, and Placing and Compacting the Gravel Layers	
3300		Mass Earthworks	
3400		Pavement Layers of Gravel Material	
3500		Stabilisation	
4200		Asphalt Surfacing	
5200	LIC	Gabions	
5600	LIC	Road Signs	
5700	LIC	Road Markings	
5900		Finishing the Road Reserve and Treating Old Roads	
7300	LIC	Concrete Block Paving for Roads	
8100		Testing Materials and Workmanship	
<b>SUBTOTAL 1</b>			
<b>ADD 10% CONTIGENCY</b>			
<b>SUBTOTAL 2</b>			
<b>VAT @ 15%</b>			
<b>TOTAL</b>			