



DR JS MOROKA LOCAL MUNICIPALITY

REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESERVOIR PHASE 3

PREPARED BY:	PREPARED FOR:
 MBOYANA AND ASSOCIATES ENGINEERS 384 MASODI VILLAGE MOKOPANE SUITE 58, PRIVATE BAG X 2464 MOKOPANE 0600 Mr. MK MBOYANA Tel: (015) 004 2801 Fax: (015) 004 0461	 The Municipal Manager Dr J.S. Moroka Local Municipality P/Bag X 4012 SIYABUSWA 0472 Tel: (013) 973 9126/7/8/9 Fax: (013) 973 9132/3

ADDENDUM NO. 1

CONTRACT NO: JSM/W01/24-25W08 &20

APPROVED & SIGNED BY: 
(DR J.S MOROKA LOCAL MUNICIPALITY)

BIDDER:

DR. JSMLM:

Initial: Authorized signatory/ies: **1.**

Initial: DR. JSMLM.....

2

Witness:



FORM: ACKNOWLEDGEMENT OF ADDENDUM NO.1

DATE ISSUED	06/07/2024
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PART 1A: AMMENDMENTS TO THE TENDER DOCUMENT

Receipt of Addendum No. 1 is hereby acknowledged. Please acknowledge all files received by ticking the BID DAT appropriate box.

Tick ()	Type of Document	Document Name
	(pdf)	PART C.1.2 : CONTRACT DATA PART C2 : PRICING DATA- BOQ PART C3 : SCOPE OF WORK

COMPANY	
NAME	
SIGNATURE	
DATE	
NOTE	skosanaz@moroka.gov.za masilelaa@moroka.gov.za mboyanamk@gmail.com

BIDDER:

Initial: Authorized signatory/ies: 1.
.....

2.

Witness:

DR. JSMLM:

Initial: DR. JSMLM.....



PART 1a : AMMENDMENTS TO TENDER DOCUMENT

1. GENERAL NOTE TO TENDERS

Ammendments to the tender document, which is in PDF forma, cannot be made elctronically by any tender and shall be changed manually before submission of the tender proposals. Where amendments have been made to the pricing schedule, (MS Excel), a completely new excel spreadsheet has been provided.

2. AMMENDMENTS TO TENDER DOCUMENTS

2.1 C.1.2 - CHANGE OF PROJECT DURATION

"Time for reaching practical completion is revised from 8 months to 12 months"

2.2 C.2 - CHANGE OF THE WHOLE BOQ

"The whole BOQ in the tender document is superceded by the one attached to this addendum"

2.3 C.3 - CHANGE OF PIPE LENGTH

"The pipe length is revised from 2.1 km to 3.2km"

BIDDER:

Initial: Authorized signatory/ies: 1.

.....

2.

Witness:

DR. JSMLM:

Initial: DR. JSMLM.....

Dr JS MOROKA LOCAL MUNICIPALITY

SCHEDULE OF QUANTITIES:

REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR

SCHEDULE A: PRELIMINARY AND GENERAL OBLIGATIONS

SECTION 1: PRELIMINARY AND GENERAL - FIXED CHARGE AND VALUE RELATED OBLIGATIONS

ITEM NUMBER	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
A.1	PSA 8.3	FIXED CHARGE AND VALUE RELATED ITEMS: <i>(As specified in SABS 1200 A, SABS 1200 AB and the Project Specifications.)</i>				
1,1		Contractual Requirements:				
1.1.1	PSA 8.3.1	Fixed charge contractual requirements.	Sum			
1.1.2	PSA 8.3.1	Value related contractual requirements.	Sum			
1,2		Facilities for Engineer:				
1.2.1	PSA 8.3.2.1 a	Furnished office	Sum			
1.2.2	PSA 8.3.2.1 b	Telephone	Sum			
1.2.3	PSA 8.3.2.1 c	Name board	No	2,00		
1,3		Facilities for Contractor:				
1.3.1	PSA 8.3.2.2 a	Offices and storage sheds	Sum			
1.3.2	PSA 8.3.2.2 b	Workshops	Sum			
1.3.3	PSA 8.3.2.2 c	Laboratories	Sum			Rate Only
1.3.4	PSA 8.3.2.2 d	Living accommodation	Sum			Rate Only
1.3.5	PSA 8.3.2.2 e	Ablution and latrine facilities	Sum			
1.3.6	PSA 8.3.2.2 f	Tools and equipment	Sum			
1.3.7	PSA 8.3.2.2 g	Water supplies, electric power and communications	Sum			
1.3.8	PSA 8.3.2.2 h	Dealing with water	Sum			
1.3.9	PSA 8.3.2.2 i	Access	Sum			
1.3.10	PSA 8.3.2.2 j	Plant	Sum			
1.3.11	PSA 14.2 a	Materials on site storage and protection.	Sum			
1.3.12	PSA 14.2 b	Accommodation of traffic.	Sum			
1,4	PSA 8.3.3	Other Fixed Charge Obligations:	Sum			
1,5	PSA 8.3.4	Removal of Site Establishment:	Sum			
1,6	PS A 8.5	Sum Stated Provisionally by Engineer				
1.6.1		Compilation of an Enviromental Management Plan	P Sum			
1.6.2		Occupation Health and Safety				
1.6.2.1	PS A 8.3.5.1	Contractor's initial obligations in respect of the Occupational Health and Safety Act contractual Regulations				

DR JS MOROKA LOCAL MUNICIPALITY**SCHEDULE OF QUANTITIES:****REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR****SCHEDULE A: PRELIMINARY AND GENERAL OBLIGATIONS****SECTION 2: PRELIMINARY AND GENERAL - TIME RELATED OBLIGATIONS**

ITEM NUMBER	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
A.2		TIME RELATED ITEMS: <i>(As specified in SABS 1200 A, SABS 1200 AB and the Project Specifications.)</i>				
2,1		Contractual Requirements:				
2.1.1	8.4.1	Time related contractual requirements.	Month	12,00		
2,2		Facilities for Engineer:				
2.2.1	PS A 8.4.2.1 a	Furnished office	Month	12,00		
2.2.2	PS A 8.4.2.1 a	Telephone	Month	12,00		
2.2.3	PS A 8.4.2.1 c	Name board(1 No)	Month	12,00		
2,3		Facilities for Contractor:				
2.3.1	PS A 8.4.2.2 a	Offices and storage sheds.	Month	12,00		
2.3.2	PS A 8.4.2.2 b	Workshops.	Month	12,00		
2.3.3	PS A 8.4.2.2 c	Laboratories.	Month	12,00		
2.3.4	PS A 8.4.2.2 d	Living accommodation.	Month	12,00		
2.3.5	PS A 8.4.2.2 e	Ablution and latrine facilities.	Month	12,00		
2.3.6	PS A 8.4.2.2 f	Tools and equipment.	Month	12,00		
2.3.7	PS A 8.4.2.2 g	Water supplies, electric power and communications.	Month	12,00		
2.3.8	PS A 8.4.2.2 h	Dealing with water.	Month	12,00		
2.3.9	PS A 8.4.2.2 i	Access.	Month	12,00		
2.3.10	PS A 8.4.2.2 j	Plant.	Month	12,00		
2,4	PS A 8.4.3	Supervision for Duration of the Contract:	Month	12,00		
2,5	PS A 8.4.4	Overhead Costs for the Duration of the Contract:	Month	12,00		
2,6	PS A 8.4.5	Other Time Related Obligations:	Month	12,00		
2,7	PSA 8.5	Environmental Management:	Month	12,00		
2,8	PSA 8.5	Occupational Health and Safety	Month	12,00		
TOTAL SCHEDULE A - SECTION 2 CARRIED TO SUMMARY:						

DR JS MOROKA LOCAL MUNICIPALITY
SCHEDULE OF QUANTITIES:
REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR
SCHEDULE A: PRELIMINARY AND GENERAL OBLIGATIONS
SECTION 3: PRELIMINARY AND GENERAL - PROVISIONAL SUMS

ITEM NUMBER	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
A.3		PROVISIONAL SUMS: (As specified in SABS 1200 A and the Project Specifications.)				
3,1		Community Liaison Officer:				
3.1.1	PS A 8.5 (a)1	Provision for the employment of CLO.	Prov. Sum			65000,00
3.1.2		Overheads, charges and profit on item 3.1.1.	%	65 000,00		
3,2		PSC Attendance at Site Meeting:				
3.2.1	PS A 8.5 (a)2	Provision for the attendance of PSC members.	Prov. Sum			30000,00
3.2.2		Overheads, charges and profit on item 3.2.1.	%	30 000,00		
	8,8	Temporary Works				
3,4		Existing Services:				
3.4.1	PS A 8.8.4	a) Provision for relocation/protection of existing services.	Prov. Sum			120000,00
3.4.2	PS A 8.8.4	b)Overheads, charges and profit on item 3.4.1.	%	120 000,00		
3,5	8.5 b	Routine Tests required by Engineer:				
3.5.1	PSA 14.5 i	Provision for routine tests.	Prov. Sum			60000,00
3.5.2	PSA 14.5 j	Overheads, charges and profit on item 3.5.1.	%	60 000,00		
3,6	PS A 8.5 b	Removal and disposal of existing 400 mm diameter asbestos pipes	m	3 200		
3,7		ENVIRONMENTAL MANAGEMENT				
3,7,1		Environmental management and compliance by a specialist Environmental consultant	Prov Sum			300000,00
3,7,2		Overheads, charges and profit on item 3.7.1.	%	300 000,00		
	3,8	Occupation Health and Safety				
3,8,1		Occupational health and safety compliance and enforcement by an OHS consultant	Prov. Sum			215000,00
3,8,2		Overheads, charges and profit on item 3.8.1.	%	215 000,00		
TOTAL SCHEDULE A - SECTION 3 CARRIED TO SUMMARY:						

DR JS MOROKA LOCAL MUNICIPALITY

SCHEDULE OF QUANTITIES:

REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR

SCHEDULE A: PRELIMINARY AND GENERAL OBLIGATIONS

SECTION 5: PRELIMINARY AND GENERAL - DAYWORKS

ITEM NUMBER	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
A.5		DAYWORK: (As specified in SABS 1200 A and the Project Specifications.)				
5.1	PS A8.7	Labour - Normal Working Hours: [Provisional]				
5.1.1		Skilled Labour (Artisan).	hr			Rate Only
5.1.2		Semi-skilled Labour.	hr			Rate Only
5.1.3		Unskilled Labour.	hr			Rate Only
5.1.4		Foreman.	hr			Rate Only
5.1.5		Extra-over rate for items 5.1.1 to 5.1.4 for work during non working hours.	%			Rate Only
5.2	8.7	Plant - Heavy Equipment: [Provisional] (Plant shall not be more than 3 years old or have more than 3000 hrs logged. Operator to be qualified and competency certified.)				
5.2.1		Excavator - Size Cat 225.	hr			Rate Only
5.2.2		Excavator - TLB.	hr			Rate Only
5.2.3		Grader 140G or similar.	hr			Rate Only
5.2.4		Front end loader - bucket capacity $\leq 1.5 \text{ m}^3$.	hr			Rate Only
5.2.5		Front end loader - bucket capacity $\leq 1.5 \text{ m}^3$.	hr			Rate Only
5.2.6		Tip truck - 5 m^3 capacity.	hr			Rate Only
5.2.7		Tip truck - 10 m^3 capacity.	hr			Rate Only
5.2.8		Vibratory compaction roller - 13.5 ton.	hr			Rate Only
5.3.9		Transport cost per any unit of plant to deliver to site and remove from site for items 5.3.1 to 5.3.8	Sum			Rate Only
5.3	8.7	Plant - Small Equipment: [Provisional]				
5.3.1		Pedestrian roller - BW90 or similar.	hr			Rate Only
5.3.2		Vibratory plate compactor.	hr			Rate Only
5.3.3		Vibratory rammer.	hr			Rate Only
5.3.4		Transport cost per any unit of plant to deliver to site and remove from site for items 5.4.1 to 5.4.3.	Sum			Rate Only
TOTAL SCHEDULE A - SECTION 5 CARRIED TO SUMMARY:						

DR JS MOROKA LOCAL MUNICIPALITY

SCHEDULE OF QUANTITIES:

REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR

SCHEDULE B: BULK SUPPLY AND NETWORK DISTRIBUTION WORKS

SECTION 1: EARTHWORKS FOR PIPE TRENCHES

ITEM NUMBER	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SUB-TOTAL SCHEDULE DB - SECTION 1 BROUGHT FORWARD:						
DB.2		EARTHWORKS: (Continues)				
		<i>(As specified in SABS 1200 DB and the Project Specifications.)</i>				
2,1	PSDB 8.3.2	Backfill and Compaction:				
2.1.1		Backfill and compact trenches using labour intensive methods.	m ³	2 367,87		
2.1.2		Dispose of surplus excavated material.	m ³	200,00		Rate Only
2,2	PSDB 8.3.3	Excavation Ancillaries;				
2.2.1	PSDB 8.3.3.1	Make up deficiency in backfill material (Provisional)				
2.2.1.1		(a) from other necessary excavations on site.	m ³	300,00		
2.2.1.2		(b) Import from designated borrow pits.	m ³	8 320,00		
2.2.1.3		(c) importing from commercial or off site source selected by the contractor.	m	150,00		
2.2.2	PSDB 8.3.3.2	Opening and closing designated borrow pits.	Prov. Sum	1,00		
2.2.2.1	PSDB 8.3.3.3	Compaction within road reserve to 90 % of Modified AASHTO density clause 5.7.1.	m ³			Rate Only
2.2.3	PSDB 8.3.3.4	Overhaul:				
2.2.3.1		b) Overhaul in excess of the free-haul of 3.0 km.	m ³ -km	166 400,00		
2,3	PSDB 8.3.5	Existing Services:				
2.3.1		a) Services that intersect a trench.	No.			Rate Only
TOTAL SCHEDULE B - SECTION 1 CARRIED TO SUMMARY:						

DR JS MOROKA LOCAL MUNICIPALITY

SCHEDULE OF QUANTITIES:

REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR

SCHEDULE B: BULK SUPPLY AND NETWORK DISTRIBUTION WORKS

SECTION 2: PIPE BEDDING

ITEM NUMBER	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
LB		BEDDING: <i>(As specified in SABS 1200 LB and the Project Specifications.)</i>				
2,1	PSLB 8.2.1	Provision of Bedding from Trench Excavations: <i>(Bedding to be Class C for flexible pipes as indicated in the contract drawings)</i>				
2.1.1		a) Provision of bedding from pipe trench excavation within 1.0 km, using selected granular material.	m ³	2 157,88		
2.1.2		b) Provision of bedding from pipe trench excavation within 1.0 km, using selected fill material.	m ³	500,00		
2,2	PSLB 8.2.2	Imported Bedding Material: <i>(Bedding to be Class C for flexible pipes as indicated in the contract drawings)</i>				
2.2.1		a) Provision of bedding imported from designated borrow pit using selected granular material.	m ³	1 294,73		
2.2.2		b) Provision of bedding imported from designated borrow pit using selected fill material.	m ³	300,00		
2,4	PSLB 8.2.5	Overhaul:				
2.4.1		a) Overhaul of material for bedding from trench excavations. Free-haul distance is 1.0 km.	m ³ -km	10 000,00		
2.4.2		b) Overhaul of material for bedding from designated borrow pit. Free-haul distance is 5.0 km.	m ³ -km	0,00		
TOTAL SCHEDULE B - SECTION 2 CARRIED TO SUMMARY:						

DR JS MOROKA LOCAL MUNICIPALITY

SCHEDULE OF QUANTITIES:

REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR

SCHEDULE B: BULK SUPPLY AND NETWORK DISTRIBUTION WORKS

SECTION 3: MEDIUM PRESSURE PIPELINES AND ANCILLARIES

ITEM NUMBER	PAYMENT CLAUSE	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
SUB-TOTAL SCHEDULE B - SECTION 3 BROUGHT FORWARD:						
L		HIGH PRESSURE PIPES: <i>(As specified in SABS 1200 L, SABS 1200 GA and the Project Specifications.)</i>				
3,4	PSL 8.2.2	Specials and Fittings - HDPE End Caps:				
3.4.1		400 mm dia.	No.	2,00		
3,5	PSL 8.2.2	Specials and Fittings - Flange Adaptors: <i>(Bitumen dipped and LYNG sockets to SABS 546 and SABS 966 with flange drilled to SABS 1123, Table 16.)</i>				
3.5.1		400 mm dia.	No.	2,00		Rate Only
3,6	PSL 8.2.3	Specials and Fittings - HDPE Reducers: <i>(Bitumen dipped, spigot and socket and socketed cast iron reducers all to SABS 546 and SABS 966.)</i>				
3.6.2		400 mm x 300 mm dia. [PN 20]	No.	15,00		Rate Only
3,7		Specials and Fittings - Cast Iron Scour Tees: <i>(Cast iron scour tee, Bitumen dipped and LYNG sockets to SABS 546 and SABS 966 with flanged branch, 400 mm dia, drilled to SABS 1123, Table 16.)</i>				
3.7.1		400 mm dia.	No.			Rate Only
3,8		Specials and Fittings - Elbows: <i>(Cast iron scour tee, Bitumen dipped and LYNG sockets to SABS 546 and SABS 966 with flanged branch, 400 mm dia, drilled to SABS 1123, Table 16.)</i>				
3.8.1		400 mm dia.	No.			Rate Only
SUB-TOTAL SCHEDULE B - SECTION 3 CARRIED FORWARD:						

REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR

SECTION 10: ANCILLARY WATER SUPPLY WORKS

TOTAL SCHEDULE (D) CARRIED TO SUMMARY	
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	SUMMARY SCHEDULE OF QUANTITIES	REPLACEMENT OF ASBESTOS BULK LINE FROM WATER TREATMENT PLANT TO BLOEDFONTEIN RESEVOIR
SCHEDULE	DESCRIPTION	AMOUNT
A	PRELIMINARY AND GENERAL - FIXED CHARGE AND VALUE RELATED OBLIGATIONS	
A	PRELIMINARY AND GENERAL - TIME RELATED OBLIGATIONS	
A	PRELIMINARY AND GENERAL - PROVISIONAL SUMS	
A	PRELIMINARY AND GENERAL - PRIME COST SUMS	
A	PRELIMINARY AND GENERAL - DAYWORK	Rate Only
C	SITE CLEARANCE	
DB	EARTHWORKS FOR PIPE TRENCHES	
LB	PIPE BEDDING	
L	HIGH PRESSURE PIPELINES AND ANCILLARIES	
	STRUCTURED TRAINING	
SUB-TOTAL:		
CONTINGENCIES@ 5%:		
SUB-TOTAL:		
ADD 15% VAT:		
TOTAL CONSTRUCTION AMOUNT:		R -