

SUPPLY CHAIN MANAGEMENT

Enquiries: Ms. I Thesen

Ref: 6/4/2

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As per e-mail to all tenderers of 5 March 2021

Dear Sir / Madam

NOTICE TO BIDDERS

ADDENDUM: B/SM 59/21: REFURBISHMENT OF THE ROZENDAL RESERVOIR

ADDENDUM NO.1

The compulsory site meeting held on 24 February 2021 at 10h00 at Rozendal Reservoir, has reference.

This "Addendum No 1" is issued in terms of Clause No F.3.2 of the Standard Conditions of Tender and Part T1.2 - Tender Data, and is an Addition to the Tender Documents listed in the Schedule of Documents. Any Tender submitted will be deemed to be in accordance with those Documents amended in accordance with the following instructions.

Tenderers are reminded to ensure this addendum is listed in Returnable Schedule 24: Record of addenda to tender documents.

VOLUME 3 (RETURNABLE DOCUMENT)

1. EXTENSION OF CLOSING DATE

1.1 Part A: Invitation to bid

In the second line of the table, change the CLOSING DATE from:

"8 March 2021"

To:

"22 March 2021"

1.2 General Tender information

On page i, change the CLOSING DATE from:

"8 March 2021"

To:

"22 March 2021"

1.3 Tender Notice

1.3.1 On page T1.1-1, change the CLOSING DATE from:

"8 March 2021"

To:

"22 March 2021"



Once the remedial works have been completed, the watertightness testing shall be redone by the Employer's personnel. This process shall continue until the reservoir passes the watertightness testing."

3. PART C2: PRICING DATA

3.1 Part C2.2: Bills of Quantities

3.1.1 On page C2.2-11 change the following items from:

4.7.1		37mm stone chips placed 100mm thick on roof. Rate to include craneage onto 6m high roof.	m ³	65		
4.7.2		Ø 75mm galvanised airvent. To dwg. 050001	No.	8		
4.7.3		Manhole cover. To dwg. 050001	No.	2		
4.7.4		Ø 75mm drainage pipe. To dwg. 050001	No.	8		

To:

4.7.1	PSG8-20	37mm stone chips placed 100mm thick on roof. Rate to include craneage onto 6m high roof.	m ³	65		
4.7.2	PSG8-11	Ø 75mm airvent. To dwg. 050001	No.	8		
4.7.3	PSG8-11, PSG8-21	Manhole cover. To dwg. 050001	No.	2		
4.7.4	PSG8-11	Ø 75mm drainage pipe. To dwg. 050001	No.	8		

3.1.2 Add the following new item:

4.7.6	PSG8-22	316SS Access ladder: Temporary removal, pressure cleaning, storing, and reinstatement after repair work	Sum	1		
4.7.7		Preparation of the reservoir for watertightness testing (including cleaning and disinfection of surfaces as per PSG7-3)	Sum	1		

The updated Bill of Quantities, which includes all the changes made in this addendum, is sent out with this addendum. Revised items are shown in brown text, for ease of distinction from the original version. Pages C2.2-11 and C2.2-12 are to be replaced with the revised pages included in Annexure A.

4. PART C3: SCOPE OF WORK

4.1 Part C3.1: Description of the Works

4.1.1 C3.1.1: Description of the Works

On page C3.1-2 change the 2nd sentence of the 5th paragraph from:

"The reservoir walls and floor will be repaired by sprayed concrete."

To:

1.3.2 On page T1.1-3, change the SLUITINGSDATUM from:

"8 Maart 2021"

To:

"22 Maart 2021"

2. PART C1: AGREEMENTS AND CONTRACT DATA

2.1 Part C1.2: Contract Data

C1.2.2: Contract Specific Data

C1.2.2.1: Data to be provided by the Employer (including special conditions of contract)

2.1.1 Clause 1.1.1.14 change the following phrase throughout this clause from:

"Practical Completion"

To:

"Pre-Practical Completion"

2.1.2 Add Clause 1.1.1.35:

"Pre-Practical Completion" shall be when the works have reached the stage as described in the two bullets in Clause 5.14.1 and once reservoir has been prepared accordingly for watertightness testing (including cleaning and disinfection of reservoir surfaces)."

2.1.3 Clause 5.13.1 change the following phrase throughout this clause from:

"Practical Completion"

To:

"Pre-Practical Completion"

2.1.4 On page C1.2-8 Clause 5.14.1 add the following below the two bullet points:

"The preparation of the reservoir for watertightness testing to specification shall be the responsibility of the Contractor. The watertightness testing shall however be carried out by the Employer's personnel."

The Contractor shall, in writing to the Employer's Agent, indicate once the works have reached the Pre-Practical Completion stage and once the Contractor has finished preparing the reservoir for watertightness testing.

Should the Employer's Agent agree that the reservoir is ready for watertightness testing, the Employer's Agent shall issue the Contractor with a Pre-Practical Completion Certificate. This certificate shall serve as a record (with photos) of the condition of the works just before the Employer's personnel moves onto site to carry out the watertightness testing.

The Pre-Practical Completion Certificate shall not be issued should the Employer's Agent not agree that the reservoir is ready for watertightness testing.

The Certificate of Practical Completion shall be issued to the Contractor once the reservoir has passed the watertightness testing and all other Practical Completion snag list items have been closed out.

Should the reservoir fail the watertightness test, the Contractor shall be responsible for any remedial work required to the reservoir structure to rectify the leak(s), at the Contractor's cost.

"The reservoir walls will be repaired by sprayed concrete and the floor by reinforced cast insitu concrete."

4.1.2 C3.1.1: Description of the Works

On page C3.1-2 delete the last sentence of the 7th paragraph: *"Thereafter the roof is treated with corrosion inhibitor."*

4.2 Part C3.2: Engineering

4.2.1 Part C3.2.1: Drawings issued with this document

Drawing 60638887-ACM-RR-XX-DR-CE-010001-T: *General notes* is hereby revised.

4.3 Part C3.4: Construction

C3.4.2: Amendments to the COTO (DS, 2020) and SANS 1200 Standard Specifications

4.3.1 On page C3.4-7 change the 1st sentence of the 2nd paragraph of PSC-5.8 from: *"The demolition and removal of the reinforced concrete reservoir roof shall be by specialist."*

To:

"The demolition and removal of the reinforced concrete reservoir roof shall be by a suitably qualified and experienced contractor."

4.3.2 On page C3.4-19 change the 2nd sentence of the 7th paragraph of Clause PSG7-3 from:

"After a stabilization period of 21 days, refill (top up) and record the water level at 24 hour intervals for a test period of 7 days."

To:

*"After a stabilization period of **14 days**, refill (top up) and record the water level at 24 hour intervals for a test period of 7 days."*

4.3.3 Delete the following items and its contents from pages C3.4-21 to C3.4-22 (not applicable to this Contract):

PSG8-7 Formed joints Unit: m2

PSG8-9 Holding down bolts.....Unit: No

PSG8-10 Grouting Unit: m3

PSG8-13 Precast concrete cover planks..... Unit: m2

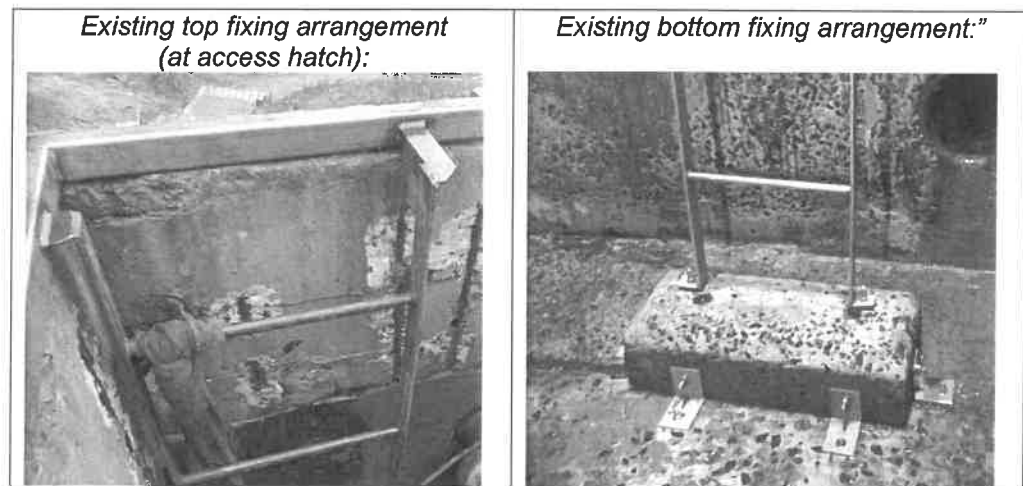
PSG8-17 Teflon Sliding Bearings Unit: m

PSG8-18 Poly-urethane sealants Unit: m

4.3.4 On page C3.4-22 add the following after item PSG8-21:

*"PSG8-22 316SS Access ladder: Temporary removal, pressure cleaning,Unit: Sum
storing, and reinstatement after repair work*

The tendered rate shall include all costs for any modifications necessary to the ladder to fix the ladder to the reservoir floor, wall and access hatch. For pricing purposes it shall be assumed that the ladder has six individual points of connection to the reservoir wall, with similar bolting arrangement as shown below for the existing floor fixing arrangement.



5. CLARIFICATION MEETING QUESTIONS

The following question was raised at the site meeting and were answered as follows:

5.1 Question 1

PSC-5.8 states that demolition and removal of the reinforced concrete reservoir roof shall be by specialist. The functionality criteria in F.2.1.4.3 however states that a tenderer shall be required to have successfully completed minimum 1 project which involved the demolition of suspended reinforced concrete slabs. No requirement is listed in the latter for demolition by a specialist. Is a specialist required?

Answer 1

A tenderer shall only be required to successfully demonstrate his ability and experience in the demolition of suspended reinforced concrete slabs, as per F.2.1.4.3. Demolition by a specialist only is not a requirement.

**DIRECTOR
CORPORATE SERVICES**



DATE: 5/3/2021,

Note: Confirmation to the addendum

CONFIRMATION

I (Name) hereby declare on behalf of
..... (Company's name),
to agree/not agree (please encircle) to the above changes in the bidding documentation.

Address:
.....
.....

Tel no.:

Fax no.:

Signature of bidder:

Date:

.....

ANNEXURE A:
REVISED PAGES C2.2-11 AND C2.2-12

ITEM No	PAY. REF.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						
		Smooth horizontal plane to:				
4.3.4		Roof soffit(inside wall)	m ²	40		
4.3.5		Roof soffit(outside wall)	m ²	11		
		Chamfers exceeding 20 mm x 20 mm and grooves				
4.3.6		Chamfer 25 mm x 25 mm roof upstand dwg. 050001	m	296		
4.3.7		Chamfer 25 mm x 25 mm manholes	m	23		
4.3.8		Groove 50 mm wide x 25 mm deep drip groove in roof dwg. 050001	m	99		
4.4	8.1.2	REINFORCEMENT				
	8.3.1	High-tensile steel bars				
4.4.1		Size range: Y8-Y40	t	27		
4.5	8.4.4	UNFORMED SURFACE FINISHES				
		Steel-floated finish (see PSG 5.6.3)				
4.5.1		Top of upstand beams	m ²	13		
		Power-floated finish (see PSG 5.6.4)				
4.5.2		Roof	m ²	755		
4.6	8.5 & PSG 8-6	JOINTS & BEARINGS				
4.6.1		Sealing of roof wall joint.	m	99		
4.6.2		5 ton/m 600mm wide bearing strip	m	99		
4.6.3		5 ton/m 300mm wide bearing strip for beam seat on wall.	m	6		
4.7		MISCELLANEOUS				
4.7.1	PSG8-20	37mm stone chips placed 100mm thick on roof. Rate to include craneage onto 6m high roof.	m ³	65		
4.7.2	PSG8-11	Ø 75mm airvent. To dwg. 050001	No.	8		
4.7.3	PSG8-11, PSG8-21	Manhole cover. To dwg. 050001	No.	2		
4.7.4	PSG8-11	Ø 75mm drainage pipe. To dwg. 050001	No.	8		
4.7.5		Stainless steel handrail to dwg. 050001	No.	2		
TOTAL CARRIED FORWARD						

Contract
Part C2: Pricing Data
Reference No. B/SM 59/21

SUMMARY

Section	Description	Amount (Rand)
1	C1: General	1 128 000,00
2	C13: Structures	50 000,00
3	C14: Repair and rehabilitation of structures	0,00
4	Roof removal and reconstruction	0,00
	SUB-TOTAL A	1 178 000,00
	CONTINGENCIES	
	Allow the sum of 0% (zero percent) of the above Sub-total A for Contingencies to be spent as the Employer's Agent may direct and to be deducted in whole or in part if not required.	0,00
	SUB-TOTAL B: TOTAL INCLUDING CONTINGENCIES	1 178 000,00
	CONTRACT PRICE ADJUSTMENT (CPA)	
	Allow the sum of 0% (zero percent) of the above Sub-total B for Contract Price Adjustment	0,00
	SUB-TOTAL C: TOTAL INCLUDING CPA	1 178 000,00
	VALUE ADDED TAX	
	ADD: VAT at the rate of 15% (fifteen percent) to Sub-total C	176 700,00
	TOTAL CARRIED FORWARD TO PART C1.1 FORM OF OFFER AND ACCEPTANCE	1 354 700,00

ITEM No	PAY. REF.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
		SECTION 4: ROOF REMOVAL AND RECONSTRUCTION				
		SANS 1200 C: SITE CLEARANCE				
4,1		REMOVAL OF EXISTING ROOF AND ASSOCIATED ITEMS				
4.1.1		Removal and discarding of existing reinforced concrete roof complete by specialist. Design and supply of any temporary measures required shall be included. Reservoir columns, wall and outlet pipework shall be retained and protected (as per drawings).	Sum	1		0,00
4.1.2		Break out slots in wall for pre cast beam seat	No.	12		0,00
4.1.3		Break down columns to bottom of beam level	No.	32		0,00
		SANS 1200 G: CONCRETE				
4,2	8.1.3	CONCRETE				
		Strength concrete: 40 MPa/20mm See PSG 3-5.3				
4.2.1		Topping (sloping)	m³	120		0,00
4.2.2		Roof slab (in situ)	m³	6		0,00
4.2.3		Roof upstand	m³	13		0,00
		Strength concrete: 40 MPa/13mm to reach 40MPa in 3 days.				
4.2.4		Column and wall infill	m³	11		0,00
		Extra-over for items 4.2.1 to 4.2.4 approved admixture as per PSG3-5.3:				
4.2.5		Minimum 1% (or 3,0kg/m3) integral permeability reducing technology	m³	150		0,00
4,3	8.1.1	FORMWORK				
		Smooth vertical plane to:				
4.3.1		Beams (roof upstands 450mm high)	m²	71		0,00
4.3.2		At infill over columns	No.	32		0,00
4.3.3		At infill at beam/wall intersection	No.	12		0,00

ITEM No	PAY. REF.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED FORWARD						0,00

ITEM No	PAY. REF.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD						0,00
		Smooth horizontal plane to:				
4.3.4		Roof soffit(inside wall)	m ²	40		0,00
4.3.5		Roof soffit(outside wall)	m ²	11		0,00
		Chamfers exceeding 20 mm x 20 mm and grooves				
4.3.6		Chamfer 25 mm x 25 mm roof upstand dwg. 050001	m	296		0,00
4.3.7		Chamfer 25 mm x 25 mm manholes	m	23		0,00
4.3.8		Groove 50 mm wide x 25 mm deep drip groove in roof dwg. 050001	m	99		0,00
4,4	8.1.2	REINFORCEMENT				
	8.3.1	High-tensile steel bars				
4.4.1		Size range: Y8-Y40	t	27		0,00
4,5	8.4.4	UNFORMED SURFACE FINISHES				
		Steel-floated finish (see PSG 5.6.3)				
4.5.1		Top of upstand beams	m ²	13		0,00
		Power-floated finish (see PSG 5.6.4)				
4.5.2		Roof	m ²	755		0,00
4,6	8.5 & PSG 8-6	JOINTS & BEARINGS				
4.6.1		Sealing of roof wall joint.	m	99		0,00
4.6.2		5 ton/m 600mm wide bearing strip	m	99		0,00
4.6.3		5 ton/m 300mm wide bearing strip for beam seat on wall.	m	6		0,00
4,7		MISCELLANEOUS				
4.7.1	PSG8-20	37mm stone chips placed 100mm thick on roof. Rate to include craneage onto 6m high roof.	m ³	65		0,00
4.7.2	PSG8-11	Ø 75mm airvent. To dwg. 050001	No.	8		0,00

ITEM No	PAY. REF.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
4.7.3	PSG8-11, PSG8-21	Manhole cover. To dwg. 050001	No.	2		0,00
4.7.4	PSG8-11	Ø 75mm drainage pipe. To dwg. 050001	No.	8		0,00
4.7.5		Stainless steel handrail to dwg. 050001	No.	2		0,00
TOTAL CARRIED FORWARD						0,00

Contract		
Part C2: Pricing Data		C2.2
Reference No. B/SM 59/21	C2.2-6	Bills of Quantities

ITEM No	PAY. REF.	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED FORWARD TO SUMMARY						0,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 3: C14: REPAIR AND REHABILITATION OF STRUCTURES				
C14.1	ACCESS FOR REHABILITATION				
C14.1.1	Temporary access structures and work platforms				
C14.1.1.1	Access and platforms to locations as described as well as dismantling and removal at completion (heights assessed by Contractor, up to 7.0m)				
	(a) Rozendal Reservoir				
	(i) Interior walls and columns (complete)	sum	1		0,00
C14.1.3	Access at end of defects liability period	sum	1		0,00
C14.1.5	Provision of designs and drawings of access structures and platforms by an ECSA registered Professional Engineer or Technologist (to roof soffit, interior walls and columns)	sum	1		0,00
C14.4	SURFACE AND CONCRETE REPAIR OF STRUCTURAL MEMBERS				
C14.4.3	Proprietary cementitious repair system (Repair system 1) in positions as indicated in accordance with Table A14.4.5-1				
C14.4.3.2	Class R3 - (polymer modified repair mortar, min 25 MPa)				
	(a) Columns (interior)	litre	90		0,00
	(b) Walls (interior)	litre	180		0,00
C14.4.4	Curing of repair surfaces				
C14.4.4.2	(a) Curing by covering with polythene sheeting, well-sealed with tape at all edges, to columns	m ²	1		0,00
	(b) Curing by covering with polythene sheeting, well-sealed with tape at all edges, to walls	m ²	1,5		0,00
C14.5	ANCHORING OF REINFORCEMENT, GROUTING AND CRACK INJECTION				
C14.5.1	Anchoring of reinforcing steel:				

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
C14.5.1.1	(a) Reinforcing (Y10-102) into formed holes (14mm dia, 95mm deep) in walls (interior): repair system 1	No.	2930		0,00
	(b) Reinforcing (Y10-101) into formed holes (14mm dia, 125mm deep) in floor (interior): repair system 1	No.	1160		0,00
TOTAL CARRIED FORWARD					0,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD					0,00
C14.5.4	Establishment on site for crack injection.	sum	1		0,00
C14.5.5	Surface preparation and surface sealing for crack injection to:				
	(a) Columns (interior)	m	105		0,00
	(b) Walls (interior)	m	60		0,00
C14.5.6	Crack injection adhesive (very low viscosity, elastic PU resin, Crack repair detail 4.2) to:				
	(a) Columns (interior)	litre	12		0,00
	(b) Walls (interior)	litre	75		0,00
C14.5.7	Crack filling :				
	(a) Crack repair detail 4.1 to columns (interior)	m	270		0,00
	(b) Crack repair detail 4.1 to walls (interior)	m	30		0,00
	(c) Crack repair detail 4.1 to floors	m	35		0,00
C14.6	SPRAYED CONCRETE FOR STRUCTURES				
C14.6.1	Establishment on site for sprayed concrete work	sum	1		0,00
C14.6.2	Preparation of concrete surface				
	(a) Walls (internal) - typical 5mm amplitude & minimum 250-bar high pressure water jetting	m ²	670		0,00
	(b) Floors (internal) - typical 5mm amplitude & minimum 250-bar high pressure water jetting	m ²	710		0,00
C14.6.3	Sprayed concrete of specified strength class, thickness and finish applied in one or multiple layers as necessary:				
C14.6.3.1	SP35 including greater of 1% or 3,0kg/m ³ integral permeability reducing technology and silica fume, nominal 155mm thick, GTW to walls.	m ²	670		0,00
C14.6.4	Curing of sprayed concrete surface				
	(a) Walls (internal)	m ²	670		0,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED FORWARD					0,00

Contract
Part C2: Pricing Data
Reference No. B/SM 59/21

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED FORWARD TO SUMMARY					0,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 2: C13: STRUCTURES				
C13.1	FOUNDATIONS				
C13.1.6	Access and drainage				
C13.1.6.2	Drainage (to reservoir, including mechanical closure device to all inlet pipes, all works to enable the successful application of all remedial actions to reservoir, etc)	sum	1		0,00
C13.1.6.3	Temporary removal and reinstatement afterwards of site fencing for access to the works	Prov sum	1	50 000,00	50 000,00
C13.2	FALSEWORK, FORMWORK AND CONCRETE FINISH				
C13.2.2	Vertical formwork to provide F2 surface finish to floor panels	m ²	20		0,00
C13.2.4	Inclined formwork to provide F2 surface finish to drainage channel	m ²	5		0,00
C13.3	STEEL REINFORCEMENT				
C13.3.1	Reinforcement for:				
C13.3.1.1	Wall overlay:				
	(b) High tensile reinforcement (450 Mpa)				
	(i) Y10-dowels (hot dip galvanized)	ton	0,85		0,00
	(c) Welded steel Fabric				
	(i) Ref: 617	kg	5250		0,00
C13.3.1.2	Floor overlay:				
	(b) High tensile reinforcement (450 Mpa)				
	(i) Y10-dowels (hot dip galvanized)	ton	0,35		0,00
	(c) Welded steel Fabric				
	(i) Ref: 395	kg	3800		0,00
C13.3.3	Spacer ladders for:				
	(a) Floor overlay	ton	3,8		0,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD					50 000,00
C13.4	CONCRETE				
C13.4.1	Cast in situ concrete:				
C13.4.1.2	Durable concrete (Class D):				
	(a) Floor panel overlays D32/40-20-XC2 including minimum 1% (or 3,0kg/m3) integral permeability reducing technology	m ³	95		0,00
C13.4.3	Extra-over item C13.4.1 for the protection of concrete from adverse environmental conditions, if required:				
C13.4.3.2	Durable concrete (Class D)				
	(a) Floor panel overlays D32/40-20-XC2	m ³	95		0,00
C13.4.5	Curing and surface protection of cast in situ concrete, as and when specifically required:				
C13.4.5.1	Floor panel overlays D32/40-20-XC2	m ²	710		0,00
	<i>Tenderer to specify method of curing:</i> (.....)				
C13.7	JOINTS				
C13.7.2	Filled joints:				
C13.7.2.2	(a) High-density, closed cell permanenet joint filler (Aqua joint, 125x20mm)	m	225		0,00
	(b) Low-density, closed cell, permanent joint filler (Jointex, 100x20mm)	m	100		0,00
	(c) Low-density, closed cell, permanent joint filler (Jointex, 150x20mm)	m	100		0,00
C13.7.4	Sealing joints with:				
C13.7.4.1	Sealant (floor joints, Sikaflex PRO3 i-cure, 20x10mm including Sika Primer 3N)	m	225		0,00
C13.7.4.2	Waterstops (floor joints, rearguard Sika Waterbar DR29, 290x3.5mm)	m	225		0,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	SECTION 1: C1 GENERAL				
C1.2	GENERAL REQUIREMENTS AND PROVISIONS				
C1.2.1	Environmental management				
C1.2.1.1	Monitoring of compliance with and reporting on the EMP	sum	1		0,00
C1.2.2	Programme and reporting				
C1.2.2.1	Submission of a Scheme 1 programme	sum	1		0,00
C1.2.2.2	Reviewing and updating a Scheme 1 programme	sum	1		0,00
C1.2.2.6	Preparation and submission of all information and reports specified in the Contract Documentation	sum	1		0,00
C1.2.5	Safety				
C1.2.5.1	Health and safety plan	sum	1		0,00
C1.2.5.2	Implementation of health and safety plan	sum	1		0,00
C1.2.8	Dayworks				
C1.2.8.1	Personnel				
	(a) Unskilled labourer	hr	16		0,00
	(b) Semi-skilled labourer	hr	8		0,00
	(c) Skilled labourer	hr	4		0,00
	(e) Foreman	hr	4		0,00
	(f) Skilled Artisan	hr	8		0,00
C1.2.8.2	Construction equipment				
	(e) Tractor Loader Backhoe	hr	4		0,00
	(g) Compressor (min 8-bar including all accessories and equipment)	hr	8		0,00
	(h) 6500W 240V generator	hr	8		0,00
C1.2.8.3	Vehicles				
	(a) Light delivery vehicle	km	120		0,00
C1.2.8.4	Materials				

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	(a) Procurement of materials	Prov sum	1	18 000,00	18 000,00
TOTAL CARRIED FORWARD					18 000,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
BROUGHT FORWARD					18 000,00
	(b) Contractor's handling costs, profit all other charges in respect of Item C1.2.8.4(a)	%	18 000,00		0,00
PSC1.2.10	Sums stated provisionally by the Engineer				
	1. For works to be executed by the Contractor				
	(a) Provisional sum for potential contingencies				
	(i) Provisional sum for potential contingencies	Prov sum	1	290 000,00	290 000,00
	(ii) Overheads, charges and profits for the Contractor	%	290 000,00		0,00
	(b) Replacement of the existing pump station asbestos roof				
	(i) Provisional sum for replacement of asbestos roof	Prov sum	1	100 000,00	100 000,00
	(ii) Overheads, charges and profits for the Contractor	%	100 000,00		0,00
	(c) Replacement of the existing scour- and outlet valves, and pipework				
	(i) Provisional sum for replacement of valves and pipework	Prov sum	1	700 000,00	700 000,00
	(ii) Overheads, charges and profits for the Contractor	%	700 000,00		0,00
	(d) CCTV inspection of existing pipelines				
	(i) Provisional sum for CCTV inspection of existing pipelines	Prov sum	1	20 000,00	20 000,00
	(ii) Overheads, charges and profits for the Contractor	%	20 000,00		0,00
SANS 1200 A: GENERAL					
PSA-8.3.5	Cost for obtaining all relevant construction wayleaves	Sum	1		0,00
PSA-8.4.5	Cost for maintaining all relevant construction wayleaves	Sum	1		0,00

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED FORWARD					1 128 000,00

Contract		
Part C2: Pricing Data		C2.2
Reference No. B/SM 59/21	C2.2-6	Bills of Quantities

ITEM No	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
TOTAL CARRIED FORWARD TO SUMMARY					1 128 000,00

