

GQEBERHA:

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Ref: RDB/rdb/8010/010/2060/029

25 February 2022

Your ref.: AW2015/16/06

Amatola Water
Private Bag X3
Vincent
East London
5217

Attention: Mr Usanda Kewana

Dear Sir,

PROJECT : UPGRADING OF THE JAMES KLENHANS BULK WATER SUPPLY
CONTRACT : AW2015/16/06 - AUGMENTATION OF THE JAMES KLEYNHANS WTW -
PHASE 2
CONTRACTOR : MAMLAMBO CONSTRUCTION (PTY) LTD
RE : PAYMENT CERTIFICATE No 31

Attached is the Original of Interim Payment Certificate N^o 31 for the above Contract. The Payment is for the work done up till 25 February 2022.

The following sessions included:

Section 2 – Daywork
Section 4 - Raw water inlet and meter chamber
Section 8 – Horizontal Clarifiers
Section 10 – Filter Building
Section 11 – Filter Pipework
Section 12 - 1ML Reservoir
Section 18 – Internal Reticulation
Section 23 – Mechanical
Section 24 – Mechanical Vents

Please take note of the following issues affecting progress on site:

- Contractor experiencing financial and cashflow difficulties
- Contractors current change of ownership
- Payment to labour and EME's being affected
- Procurement of materials is slow

1988/001231/07 Bosch Projects (Pty) Ltd

Directors:

• MJ Gibbon* (Chairman) Pr Eng, BSc Eng (Mech) • R Ramchuran Pr Eng, BSc Eng (Civil)
• B Mahliza BA (Soc Sc); Hons (HRM); BTech (LRM); MBA • J Ramchund Pr Eng, BSc Eng (Civil) • SCF Mdaka, Pr Tech Eng, BTech Eng (Civil)
• A Cruickshank* C Eng (MIE) Pr Tech Eng (Mech) • R Paladh* BSc Eng. (Chem), MBA • *Non-Executives



We confirm that the measured quantities certified for payment are a true reflection of work done and materials delivered to site.

Kindly make payment in the amount of R 408,098-11 (Four Hundred and Eight Thousand, and Ninety Eight Rand and Eleven Cents Only) incl. VAT to Mamlambo Construction (Pty) Ltd.

The above amount is inclusive of:

Certified amount	R 354,867-92
VAT 15%	R 53,230-19
Total	R 408,098-11

Yours faithfully
BOSCH PROJECTS (PTY) LTD


R.D. BODE Pr Tech Eng, Pr CPM
PROJECT ENGINEER

Cc Mamlambo Construction (Pty) Ltd

Attn : Brian Potter

Date: 2022-02-25

Our Ref: RDB/rdb/8010/010/2060

PAYMENT CERTIFICATE No 31

CONTRACT N° : AW2019/20/13

PROJECT : Upgrading of the James Kleynhans Bulk Water Supply: Augmentation of the James Kleynhans WTW – Phase 2

EMPLOYER : Amatola Water

CONTRACTOR : Mamlambo Construction (Pty) Ltd

R 408,098-11 (Four Hundred and Eight Thousand, and Ninety Eight Rand and Eleven Cents Only) inclusive of R 53,230-19 VAT is due to the Contractor by the Employer.

This amount is based on the estimated value of work executed as at 25 February 2022 as determined from the detailed Progress Statement 31 and supporting calculations, schedules and summaries held by the Engineer.



for:

Bosch Projects (Pty) Ltd

Date: 25/02/2022



AMATOLA WATER
 PURCHASE ORDER
 Private Bag X3
 Vincent 5217
 Tel: (043) 7073700
 Fax: (043) 7073701

Original

Vat Registration Number: 4770173302

Supplier Address
 Mamlambo Construction PTY LTD
 P O Box 1093
 EAST LONDON 5256
 Republic of South Africa
 +27 043 745 0330/083 631 2551(
 +27 043 745 2928 / 086 543 946

Delivery address.
 NAHOON DAM MAIN STORE
 REGIONAL OFFICE
 P O Box X02
 EAST LONDON 5200
 Republic of South Africa
 +27 043-7093700
 +27 043-7451496

Our Order : AHMJ00893

Buy-from BP : CMAM001
 Order Date : 2020/02/20 09:33
 Buyer : Jayiya Mandisa
 P/Req No. : EW0013124
 Requester : SIBANYONI G

Pos.	Item	Description	Quantity	Unit	Price	Del. Date	Amount
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TENDER NO. AW2019/20/13:
 AUGMENTATION OF THE JAME KLEYNHANS WATER TREATMENT WORKS - PHASE 2
 Project: OPS000021 James Kleynhans BWS Makana

10	COST	General Cost Purchase	96175976.2600	pr	1.00	ZAR; 2020/02/20	96,175,976.26
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TENDER ACCEPTANCE NOTICE: TENDER NO. AW2019/20/13: JAMES KLEYNHANS BULK WATER
 SUPPLY SCHEME: AUGMENTATION OF THE JAME KLEYNHANS WATER TREATMENT WORKS - PHASE 2

Kindly be advised that Amatola Water has accepted your tender for the above contract in the sum of R 110,602,372.78 including Vat and 10% Contingencies.

General Comments:

1. THE PURCHASE ORDER NUMBER ABOVE IS TO BE REFLECTED ON INVOICES SUBMITTED TO ENSURE PROMPT PAYMENT
2. INVOICES ARE TO BE SUBMITTED DIRECTLY TO THE FINANCE DEPARTMENT.
 6 LANCASTER ROAD, VINCENT, EAST LONDON, 5247 OR EMAILED TO: AWFINANCE@AMATOLAWATER.CO.ZA
3. WHERE RELEVANT, INVOICES ARE TO BE SUPPORTED BY COPIES OF DELIVERY NOTES BEARING THE SIGNATURE CONFIRMING RECEIPT OF GOODS / SERVICES.

Goods	Costs	Tax	Total ZAR
0.00	96175976.26	19355195.52	110,602,372.70

Payment Terms: 30 Days from Month End
 Please State our Order Number on all invoices.
 Water is Life - Amanzi Abubomi

 Buyer For Amatola Water



**DWA REGIONAL BULK INFRASTRUCTURE PROGRESS REPORT: JAMES KLEYNHANS
BULK WATER SUPPLY**



water & sanitation
Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Implementing Agent (Municipality)	Amatola Water
Progress Report for the Month of:	25 February 2022

1. Programme Deliverables:

DELIVERABLES	PROGRAMME TARGETS		
	CONTRACT 1: WINWATER (Terminated)	CONTRACT 1: MAMLAMBO (Alternate)	CONTRACT 2: MAMLAMBO
TOTAL PROJECT			
James Kleynhans Bulk Water Supply Scheme	Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2015/16/06	Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2015/16/06	Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2019/20/13
a) Physical Progress on Project	100%	100.0%	80%

2. Overall Project Progress (vis-a-vis Programme Deliverables)

ITEM	237575		
a) Contract amount	R 157,976,544	R 35,643,334.62	R 41,252,306.58
DWA funding:	R 157,976,544.10	R 35,643,334.62	R 41,252,306.58
OTHER funding:			
b) Contract Start date		16 September 2016	12 September 2018
c) Contract Duration	24 Months	10 Months	10 months
Original Due Completion Date (before adjusting for extn of time claims)		26 June 2017	20 July 2018
Revised Due Completion Date		23 May 2017	17 September 2019
Anticipated Due Completion Date		23 May 2017	17 September 2019
Stage		TERMINATED	COMPLETE
d) Percentage time elapsed to date	100%	100.0%	100%
e) Cumulative spending to date	R 114,233,586.68	R 6,121,864.74	R 40,211,919.36
Percentage spent of contract amount	72%	17%	97%
j) Contract status		This Contract was TERMINATED and MAMLAMBO appointed see next column.	CONSTRUCTION

TOTAL PROJECT	CONTRACT 1: WINWATER (Terminated)	CONTRACT 1: MAMLAMBO (Alternate)	CONTRACT 2: MAMLAMBO
James Kleynhans Bulk Water Supply Scheme	Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2015/16/06	Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2015/16/06	Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2019/20/13

3. Socio-economic Impact:

(A) SKILLS DEVELOPMENT OF LOCAL PEOPLE ON THE CONTRACTS:

Project	R	R	R
* Training budget allowed for in project	546,000.00	240,000.00	306,000.00
* No. of people trained on Health and Hygiene issues	8	20	0
* No. of people trained and placed at managerial level	0	0	0
* No. of people trained and placed at supervisor level	6	0	0
* No. of people trained and placed at construction trades / artisan level	0	0	0
* No. of people trained and placed at clerical level	1	1	0

(B) DEMOGRAPHICS OF LOCAL PEOPLE AND BUSINESSES ENGAGED AT VARIOUS PROJECT LOCATIONS (numbers):

* SMMEs Supported	5	5	0
* Other issues: BEE status of Contractor	0	5	0

4. Local Municipalities benefitting from the project

Makana Local Municipality

5. Written comments on progress and next month's objectives

Contractual requirements - 73% Dayworks - 85% Platforms - 69% Raw water inlet - 42% Chemical Bunding area - 98% Chemical dosing building - 49% Mixing Channel - 95% Horizontal Sed. Tanks - 87% Sedimentation tanks Pipe - 30% Filter Building - 44% Filter Pipework - 0% 1.0 ML Reservoir - 92% 1.0 ML Reservoir pipework - 20% Mech & Elect - Air blowers - 5% Mech & Elect - Backwash - 5% Guardhouse - 99% Access roads - 0% WTW pipelines - 63% Existing Filter Building Elec - 0% New Filter Building Electrical - 0% Chemical dosing building Elec - 0% Guardhouse Electrical - 0% Mechanical installations - 23% Mechanical ventilation - 0% Instrumentation - 0% HV Works - 94% Pumphouse Electrical - 0% Refurbish 350mm Dia pipeline - 83% Refurbishment of filter - 0%

- 1: Complete Reservoir Outlet Chamber roofslab
- 2: Complete Filter pipework and valve installations (Lower Gallery area)
- 3: Complete Reinforcing and Concrete to Sedimentation Tank Hoppers
- 4: Complete installation of Steel Pipe Specials for both Reservoir & Sedimentation Tank.
- 5: Continue Sand Blasting works and installation of valves for 350mm Pumping Main Line and complete
- 6: Complete works inside Chemical Dosing Building

6. Compliance Issues:

None

7. Key and emerging issues, challenges or critical items requiring further attention:

	TOTAL PROJECT James Kleynhans Bulk Water Supply Scheme	CONTRACT 1: WINWATER (Terminated) Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2015/16/06	CONTRACT 1: MAMLAMBO (Alternate) Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2015/16/06	CONTRACT 2: MAMLAMBO Augmentation of the James Kleynhans Water Treatment Works - Contract No: AW2019/20/13	
<p>Contractual end date of 20 September 2021 will not be met and due to Contractors cash flow problems and financial difficulties. Take over and new ownership Late Payments of Contractor and Employers Agent Cashflow concerns from contractor and lack of cashflow AW agreed Cessions to assist Contractor Steel and specials could be a challenge procuring due to COVID and Riots. Contractor lost a week in production due to not being able to pay for wages. Slow progress currently on site due to financial difficulties.</p>					

Signed (AW)

Date



Signed (Eng)

Date

25-February-2022

AMATOLA WATER
TECHNICAL & INFRASTRUCTURE SERVICES

AW2019/20/13

Contract Payment Certificate

CONTRACT NO: AW2015/16/06 APPROVED TENDER SUM: R 110,602,372-77

PAYMENT No: 31

CONTRACTOR: MAMLAMBO CONSTRUCTION (Pty) Ltd

AUTHORITY:

25-Feb-22

ADDRESS: P O Box 1093, East London, 5200

VAT REGISTRATION NO.: 4090173107

CONTRACT FOR: Upgrading of the James Kleynhans Bulk Water Supply: Augmentation of the James Kleynhans WTW - Phase 2

I HEREBY CERTIFY THAT THE SUM OF: Four Hundred and Eight Thousand and Ninety Eight Rand and Eleven Cents Only

IS DUE TO THE CONTRACTOR FOR WORK EXECUTED / GOODS SUPPLIED UNDER THE CONTRACT ON BEHALF OF THE MUNICIPALITY.

		R
NET VALUE OF WORK EXECUTED/GOODS SUPPLIED (EXCL. VAT)		R 50,515,931.10
ADD: ESCALATION TO DATE		R 2,258,818.59
ADD: SPECIAL MATERIALS		R 694,356.26
SUB TOTAL		R 53,469,105.95
LESS: AMOUNT RETAINED	R 4,808,798.82	
LESS: Penalties	R 0.00	R 4,808,798.82
SUB TOTAL		R 48,660,307.13
ADD: 80% OF VALUE OF MATERIALS ON SITE	R 12,164,081.75	R 9,731,265.40
ADD: CESSION FOR MATERIALS		R 0.00
TOTAL NET VALUE CERTIFIED TO DATE		R 58,391,572.53
LESS PREVIOUS		R 58,036,704.61
NET PAYMENT DUE		R 354,867.92
VAT @ 15%		R 53,230.19
AMOUNT CERTIFIED FOR PAYMENT INCLUDING VAT		R 408,098.11
DEDUCTION FOR SURETYSHIP% OF R	
NET PAYMENT DUE		R 408,098.11

JOB NO.			TOTAL
THIS CERT. EXCL. VAT	R 354,867.92		R 354,867.92
PREVIOUS CERT. EXCL. VAT	R 58,036,704.61		R 58,036,704.61
TOTAL EXCL. VAT	R 58,391,572.53		R 58,391,572.53
VAT	R 8,758,735.88		R 8,758,735.88
TOTAL INCL. VAT	R 67,150,308.40		R 67,150,308.40

SURETYSHIP		VOTE NUMBER:			
DEDUCTION NO.	1	2	3	TOTAL	
AMOUNT DEDUCTED					R 0.00

PAYMENT CERTIFICATE

CERTIFICATE NO : 31
MEASUREMENT DATE : 25-Feb-22

EMPLOYER : AMATOLA WATER
PROJECT : JAMES KLEYNHANS BULK WATER SUPPLY: AUGMENTATION OF THE
JAMES KLEYNHANS WATER TREATMENT WORKS - PHASE 2
CONTRACT No : AW2019/20/13
CONTRACTOR : MAMLAMBO CONSTRUCTION (Pty) Ltd
CONTRACT SUM R 110,602,372-78 (Incl. VAT)

1	SECTION 1	PRELIMINARY & GENERAL	5,385,720.00
2	SECTION 2	DAYWORK	15,290,295.96
3	SECTION 3	PLATFORMS	85,300.00
4	SECTION 4	RAW WATER INLET AND METER CHAMBER	45,758.50
5	SECTION 5	BUNDING AREA	277,326.00
6	SECTION 6	CHEMICAL DOSING BUILDING	303,296.70
7	SECTION 7	MIXING CHANNEL	1,135,473.53
8	SECTION 8	HORIZONTAL CLARIFIERS	9,988,127.20
9	SECTION 9	HORIZONTAL CLARIFIERS PIPEWORK	3,014,045.78
10	SECTION 10	FILTER BUILDING	2,329,363.00
11	SECTION 11	FILTER PIPEWORK	868,451.36
12	SECTION 12	1MI RESERVOIR	3,640,071.50
13	SECTION 13	1MI RESERVOIR PIPEWORK	487,701.00
14	SECTION 14	AIR BLOWERS	-
15	SECTION 15	BACKWASH PUMPS	-
16	SECTION 16	GUARD HOUSE	198,341.50
17	SECTION 17	ACCESS ROAD	-
18	SECTION 18	INTERNAL RETICULATION	2,490,751.99
19	SECTION 19	EXISTING FILTER BUILDING ELECTRICAL	-
20	SECTION 20	NEW FILTER BUILDING ELECTRICAL	-
21	SECTION 21	CHEMICAL HOUSE ELECTRICAL	-
22	SECTION 22	GUARD HOUSE ELECTRICAL	-
23	SECTION 23	MECHANICAL	21,000.00
24	SECTION 24	MECHANICAL VENTS	74,905.00
25	SECTION 25	INSTRUMENTATION	-
26	SECTION 26	HV WORKS	1,938,099.50
27	SECTION 27	PUMP HOUSE ELECTRICAL	407,882.00
28	SECTION 28	REFURBISHMENT OF EXISTING 350MM RM	1,075,325.92
29	SECTION 29	REFURBISHMENT OF EXISTING FILTERS	52,500.00
	Sub-total		49,109,536.44
30	Dayworks - Included in P&G		-
31	Extra Works		-
32	Variation Orders		-
33	Additional Authorised Costs Payable - Contractural COVID-19		1,406,394.66
34	Variation Orders - Authorized		-
	Sub-total		50,515,931.10
35	Add Contract price adjustment		2,258,818.59
	Sub-total		52,774,749.69
36	Special Materials		694,356.26
	Sub-total		53,469,105.95
37	Less Retention 10% (Max 5%) R4,808,798.82		4,808,798.82
	Sub-total		48,660,307.13
38	Add materials off site 80% of 12,164,081.75		9,731,265.40
39	Total certification to date		58,391,572.53
40	Less Penalties (3 days x Professional Fee = R1,300,00) Awaiting AW Instruction		-
	Sub-total implement as currently will be recovered under the Retention		58,391,572.53
41	Less previous certification		58,036,704.61
	Sub-total		354,867.92
42	Add VAT @15%		53,230.19
	PAYMENT NOW DUE TO CONTRACTOR		408,098.11

NOTE : Due date for payment : 1-Apr-22

Signature by Engineer

Date

For Departmental use only

Amatola Water

Signature

Date

Project Manager

Signature

Date

PMU Manager

Signature

Date

CONTRACT COST REPORT

COST REPORT NO : 31
DATE : 25-Feb-22

EMPLOYER : AMATOLA WATER
 PROJECT : JAMES KLEYNHANS BULK WATER SUPPLY: AUGMENTATION OF THE JAMES KLEYNHANS WATER TREATMENT WORKS - PHASE 2
 CONTRACT NO : AW2019/20/13
 CONTRACTOR : MAMLAMBO CONSTRUCTION (Pty) Ltd

	ACCEPTED TENDER	COSTS TO DATE	COMPLETION ESTIMATE
1 CONTRACT COSTS			
1.1 Scheduled items	R 80,956,209.03	R 49,109,536.44	R 80,956,209.03
1.2 Materials on Site	R -	R 9,731,265.40	R -
1.3 Special Materials		R 694,356.26	
1.4 Provisional Sum 1	R -	R -	R -
1.5 Provisional Sum 2	R -	R -	R -
1.6 Provisional Sum 3	R -	R -	R -
1.7 Contingencies	R 8,095,620.90	R -	R 8,095,620.90
1.8 Variation orders approved	R -	R -	R -
1.9 Variation orders pending	R -	R -	R -
1.10 Interest	R -	R -	R -
1.11 Additional Authorised Costs Payable	R -	R 1,406,394.66	R -
1.12 Additional 1% Tax	R -	R -	R -
1.13 Contract price adjustment	R 7,124,146.39	R 2,258,818.59	R 7,124,146.39
Sub-total	R 96,175,976.32	R 63,200,371.35	R 96,175,976.33
1.11 VAT @15 %	R 14,426,396.45	R 9,480,055.70	R 14,426,396.45
TOTAL CONTRACT COSTS	R 110,602,372.77	R 72,680,427.05	R 110,602,372.78

2 PENALTIES	Penalties applicable in terms of the contract		
	0 days @ R 2,000 per calendar day	R	-

Signature by Engineer

25/02/2022
Date

For Departmental use only

Amatola Water	
Signature	Date

Project Manager	
Signature	Date

PMU Manager	
Signature	Date

Amatola Water

JAMES KLEYNHANS BULK WATER SUPPLY AUGMENTATION OF THE JAMES KLEYNHANS WATER TREATMENT WORKS - PHASE 2 PROJECT NO. AW2019/20/13

PAYMENT CERTIFICATE NO: 31

25 February 2022

PAGE 1

CONTRACTOR: MAMLAMBO CONSTRUCTION

STARTING DATE: 16-Mar-2020

ORIGINAL COMPLETION DATE: 16-Jun-2021

ORIGINAL CONTRACT AMOUNT: R 110,602,372.77

CONTRACT PERIOD: 14 months

REVISED COMPLETION DATE: 20-Sep-2021

ANTICIPATED COMPLETION DATE: 22-Jun-2022

REVISED CONTRACT AMOUNT: R 110,602,372.77



SUMMARY OF PREVIOUS PAYMENTS (EXCLUDING VAT)

No	Date	Amount	No	Date	Amount
1	23-Mar-20	R 1,347,616.80	19	25-Jul-21	R 2,379,916.80
2	25-Apr-20	R 293,175.00	20	24-Aug-21	R 1,930,167.24
3	25-May-20	R 854,210.25	21	26-Aug-21	R 2,909,118.76
4	25-Jun-20	R 3,472,020.34	22	15-Sep-21	R 1,759,475.20
5	1-Jul-20	R 553,027.65	23	20-Sep-21	R 1,150,340.31
6	25-Jul-20	R 2,940,947.61	24	14-Oct-21	R 1,753,319.84
7	10-Aug-20	R 2,434,165.25	25	25-Oct-21	R 1,668,450.74
8	25-Aug-20	R 1,326,196.80	26	11-Nov-21	R 1,993,757.98
9	25-Sep-20	R 1,308,488.00	27	25-Nov-21	R 1,784,175.81
10	23-Oct-20	R 1,883,730.63	28	6-Dec-21	R 1,991,680.41
11	25-Nov-20	R 1,443,042.43	29	25-Jan-22	R 884,437.05
12	24-Dec-20	R 2,158,213.37	30	2-Feb-22	R 3,990,025.78
13	25-Jan-21	R 1,417,364.56	31		
14	25-Feb-21	R 2,417,782.33	32		
15	25-Mar-21	R 1,720,159.79	33		
16	22-Apr-21	R 2,981,373.18	34		
17	25-May-21	R 2,370,069.80	35		
18	25-Jun-21	R 2,920,254.90			
TOTAL					R 58,036,704.61

DESCRIPTION

DESCRIPTION	AMOUNT
TOTAL AMOUNT FOR SCHEDULED WORKS	R 51,210,287.36
ADD: CONTRACT PRICE ADJUSTMENT	R 2,258,818.59
SUBTOTAL	R 53,469,105.95
MINUS: 10% RETENTION (MAX 5% - R4,808,798.82)	R -4,808,798.82
SUBTOTAL	R 48,660,307.13
PLUS: 80% MATERIALS ON SITE (INCLUDES CESSION PAYMENTS)	R 9,731,265.40
SUBTOTAL	R 58,391,572.53
MINUS: Penalties (R57 705.59 per calendar day for 113 days)(0% Applied for now)	R 0.00
MINUS: PREVIOUS PAYMENTS (EXCL. VAT)	R 58,036,704.61
SUBTOTAL	R 354,867.92
PLUS: 15% VALUE ADDED TAX	R 53,230.19
NETT AMOUNT PAYABLE THIS CERTIFICATE	R 408,098.11

AMOUNT IN WORDS:

Four hundred and eight Thousand. Ninety eight Rand and Eleven Cents only

CESSION PAYMENTS. PAYABLE DIRECTLY TO THE FOLLOWING:	SUPPLIER	Excl Vat	Incl Vat
	Nil	R -	R -
	Total Cessions payable	R -	R -

WE HEREBY CERTIFY THAT THE ABOVEMENTIONED WORK HAS BEEN EXECUTED SATISFACTORILY AND THAT THE QUANTITIES ARE CORRECT IN THIS CERTIFICATE

		FOR USE OF THE CLIENT
MAMLAMBO Construction (Pty) Ltd DATE: 25/02/2022	ENGINEERS REPRESENTATIVE DATE: 25/2/2022	
BOSCH PROJECTS CONSULTING ENGINEERS DATE: 25/02/2022	AMATOLA WATER DATE:	

PAYMENT VALIDATION

Employer: AMATOLA WATER AMANZI Private Bax X3 Vincent East London, ECP 5217	Engineer: 	Contract No: AW2019/20/13 Certificate Date: 25-Feb-22 Certificate No: 31 From: 02-Feb-22 To: 25-Feb-22
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CONTRACT DESCRIPTION:
JAMES KLEYNHANS BULK WATER SUPPLY: AUGMENTATION OF THE JAMES KLEYNHANS WTW - PHASE 2

Contractor: Mamlambo Construction (Pty) Ltd	Contract Commencement Date:	16-Mar-2020
	Original Contract Period (months):	14
	Contract Completion Date:	16-Jun-2021
	Extension Period Granted (days):	25
	Revised Contract Completion Date:	20-Sep-2021
	Original Contract Amount (including VAT):	R 110,602,372.77
	Approved Scope Changes (Including VAT):	R -
	Revised Contract Amount (including VAT):	R 110,602,372.77

WORK SUMMARY

SECTION	DESCRIPTION		Amount
1 TO 29	MEASURED WORKS AS PER ATTACHED BILL OF QUANTITIES	R	49,109,536.44
	Subtotal A	R	49,109,536.44
	PLUS: Authorised Additional Works and Costs Payable	R	1,406,394.66
	PLUS: Special Material	R	694,356.26
	MINUS: Reduced Payment	R	-
	Subtotal B	R	51,210,287.36
	PLUS: Contract Price Adjustment	R	2,258,818.59
	Subtotal C	R	53,469,105.95
	MINUS: 10% Retention (5% Max - R4,808,798.82)	R	4,808,798.82
	PLUS: 80% Materials on-site (Includes Cession Payments)	R	9,731,265.40
	Subtotal D	R	58,391,572.53
	MINUS: Penalties (R57 705.59 per calender day for 113 days)(0% applied for now)	R	-
	Subtotal E	R	58,391,572.53
	MINUS: Total of previous payments (Excl VAT)	R	58,036,704.61
	Nett value of certificate	R	354,867.92
	VAT (15%)	R	53,230.19
	Payment due to Contractor	R	408,098.11

Amount in words:

Four hundred and eight Thousand, Ninety eight Rand and Eleven Cents only

We hereby certify that the above mentioned work has been executed satisfactorily and that the quantities and prices as shown in this certificate are correct.

FOR USE BY CLIENT

ENGINEER'S REPRESENTATIVE

Date: 25/2/2022



BOSCH PROJECTS

Date:



EMPLOYER

Date:

Tax Invoice INVINS0122020008



Customer : AMA-004

AMATOLA WATER
6 LANCERSTER ROAD
LANCERSTER HOUSE
VINCENT
EAST LONDON
5217
South Africa

VAT No : 4770173302

Mamlambo Construction (Pty) Ltd
5 Leo Laden Street
Wilsonia
East London , Eastern Cape
5246

VAT No : 4090173107

Tel : 437450330
Fax : 437452928

Customer Ref	AS2019/20/13	Invoice Date	2022-02-25
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Item Code	Description	QTY	Unit	Unit Price	Disc %	Nett Amount
SI0000	CERT 31 - TOTAL WORK TO DATE AS PER ATTACHED SCHEDULE - JAMES KLEYNHANS WATER TREATMENT WORKS - PHASE 2	1,00	UN	354 867.92		354 867.92

[Handwritten Signature] 25/02/22

Account Holder : MAMLAMBO CONSTRUCTION (PTY) LTD
Bank : Nedbank Ltd
Account : 106 660 6994
Branch : 198765

Sub Total : 354 867,92
VAT : 53 230,19

NETT INVOICE : ZAR 408 098,11

Please Fax Proof of Payment to +27(0)43 745 2928

DIRECT-COST CASHFLOW SUMMARY:									
Payment Description	Previously Claimed	This Certificate	Total to Date	Balance	Invoice Month	Invoice Date	Invoice No	Payment Received	
Gross Contract Amount				R 110,602,372.77					
Pay Cert No 01	R -	R 1,549,759.32	R 1,549,759.32	R 109,052,613.45	Mar-20	23-Mar-20	1	YES	
Pay Cert No 02	R 1,549,759.32	R 337,151.25	R 1,886,910.57	R 108,715,462.20	Apr-20	25-Apr-20	2	YES	
Pay Cert No 03	R 1,886,910.57	R 982,341.79	R 2,869,252.36	R 107,733,120.41	May-20	25-May-20	3	YES	
Pay Cert No 04	R 2,869,252.36	R 3,992,823.39	R 6,862,075.75	R 103,740,297.02	Jun-20	25-Jun-20	4	YES	
Pay Cert No 05	R 6,862,075.75	R 635,981.80	R 7,498,057.55	R 103,104,315.22	Jul-20	1-Jul-20	5	YES	
Pay Cert No 06	R 7,498,057.55	R 3,382,089.75	R 10,880,147.30	R 99,722,225.47	Jul-20	25-Jul-20	6	YES	
Pay Cert No 07	R 10,880,147.30	R 2,799,290.04	R 13,679,437.34	R 96,922,935.43	Aug-20	13-Aug-20	7	YES	
Pay Cert No 08	R 13,679,437.34	R 1,525,126.32	R 15,204,563.66	R 95,397,809.11	Aug-20	25-Aug-20	8	YES	
Pay Cert No 09	R 15,204,563.66	R 1,504,761.20	R 16,709,324.86	R 93,893,047.91	Sep-20	25-Sep-20	9	YES	
Pay Cert No 10	R 16,709,324.86	R 2,166,290.22	R 18,875,615.08	R 91,726,757.69	Oct-20	23-Oct-20	10	YES	
Pay Cert No 11	R 18,875,615.08	R 1,659,498.79	R 20,535,113.87	R 90,067,258.90	Nov-20	25-Nov-20	11	YES	
Pay Cert No 12	R 20,535,113.87	R 2,481,945.38	R 23,017,059.25	R 87,585,313.52	Dec-20	25-Dec-20	12	YES	
Pay Cert No 13	R 23,017,059.25	R 1,629,969.24	R 24,647,028.49	R 85,955,344.28	Jan-21	25-Jan-21	13	YES	
Pay Cert No 14	R 24,647,028.49	R 2,780,449.68	R 27,427,478.17	R 83,174,894.60	Feb-21	25-Feb-21	14	YES	
Pay Cert No 15	R 27,427,478.17	R 1,978,183.76	R 29,405,661.93	R 81,196,710.84	Mar-21	25-Mar-21	15	YES	
Pay Cert No 16	R 29,405,661.93	R 3,428,579.16	R 32,834,241.09	R 77,768,131.68	Apr-21	22-Apr-21	16	YES	
Pay Cert No 17	R 32,834,241.09	R 2,725,580.27	R 35,559,821.36	R 75,042,551.41	May-21	25-May-21	17	YES	
Pay Cert No 18	R 35,559,821.36	R 3,358,293.13	R 38,918,114.49	R 71,684,258.28	Jun-21	25-Jun-21	18	YES	
Pay Cert No 19	R 38,918,114.49	R 2,736,904.32	R 41,655,018.81	R 68,947,353.96	Jul-21	23-Jul-21	19	YES	
Pay Cert No 20	R 41,655,018.81	R 2,219,692.33	R 43,874,711.14	R 66,727,661.63	Aug-21	4-Aug-21	20	YES	
Pay Cert No 21	R 43,874,711.14	R 3,345,486.57	R 47,220,197.71	R 63,382,175.06	Aug-21	26-Aug-21	21	YES	
Pay Cert No 22	R 47,220,197.71	R 2,023,396.48	R 49,243,594.19	R 61,358,778.58	Sep-21	15-Sep-21	22	YES	
Pay Cert No 23	R 49,243,594.19	R 1,322,891.36	R 50,566,485.55	R 60,035,887.22	Sep-21	20-Sep-21	23	YES	
Pay Cert No 24	R 50,566,485.55	R 2,016,317.82	R 52,582,803.37	R 58,019,569.40	Oct-21	14-Oct-21	24	YES	
Pay Cert No 25	R 52,582,803.37	R 1,918,718.35	R 54,501,521.72	R 56,100,851.05	Oct-21	25-Oct-21	25	YES	
Pay Cert No 26	R 54,501,521.72	R 2,292,821.68	R 56,794,343.40	R 53,808,029.37	Nov-21	11-Nov-21	26	YES	
Pay Cert No 27	R 56,794,343.40	R 2,051,802.18	R 58,846,145.58	R 51,756,227.19	Nov-21	25-Nov-21	27	YES	
Pay Cert No 28	R 58,846,145.58	R 2,290,432.47	R 61,136,578.05	R 49,465,794.72	Dec-21	15-Dec-21	28	YES	
Pay Cert No 29	R 61,136,578.05	R 1,017,102.60	R 62,153,680.65	R 48,448,692.12	Jan-22	25-Jan-22	29		
Pay Cert No 30	R 62,153,680.65	R 4,588,529.65	R 66,742,210.30	R 43,860,162.47	Feb-22	2-Feb-22	30		
Pay Cert No 31	R 66,742,210.30	R 408,098.11	R 67,150,308.41	R 43,452,064.36	Feb-22	25-Feb-22	31		
Amount to Date		R 67,150,308.41		R 43,452,064.36					

Contract Commencement Date:	16-Mar-20
Contract Completion Date:	20-Sep-21
Anticipated Completion Date:	22-Jun-22
Contractual % Time Remaining:	0.0%
Anticipated % Time Remaining:	11.1%
% Budget Remaining:	39.3%

NOTE: All costs above are inclusive of 15% VAT

Contractor: Mamlambo Construction (Pty) Ltd
 Project: JAMES KLEYNHANS BULK WATER SUPPLY: AUGMENTATION OF THE JAMES KLEYNHANS WTW - PHASE 2

PROGRESS EVALUATION

Certificate No: 31

Contract No: AW2019/20/13

From: 2-Feb-22
 To: 25-Feb-22

SUMMARY OF SCHEDULES:

SECTION	ITEM DESCRIPTION	TENDERED AMOUNT (RAND) (j)	PREV. TOTAL AMOUNT (RAND) (ii)	THIS MONTH AMOUNT (RAND) (iii)	PROGRESSIVE TOTAL AMOUNT (RAND) (iv = ii + iii)	WORK DONE vs TENDERED AMOUNT (v = iv/i)
1	PRELIMINARY & GENERAL	R 5,399,720.00	R 5,385,720.00	R -	R 5,385,720.00	99.7%
2	DAYWORK	R 16,899,988.00	R 15,417,512.69	R -127,216.73	R 15,290,295.96	90.5%
3	PLATFORMS	R 877,778.00	R 85,300.00	R -	R 85,300.00	9.7%
4	RAW WATER INLET AND METER CHAMBE	R 530,311.00	R 43,633.50	R 2,125.00	R 45,758.50	8.6%
5	BUNDING AREA	R 960,312.00	R 277,326.00	R -	R 277,326.00	28.9%
6	CHEMICAL DOSING BUILDING	R 957,195.00	R 303,296.70	R -	R 303,296.70	31.7%
7	MIXING CHANNEL	R 1,171,420.03	R 1,135,473.53	R -	R 1,135,473.53	96.9%
8	HORIZONTAL CLARIFIERS	R 9,611,110.00	R 9,936,067.20	R 52,060.00	R 9,988,127.20	103.9%
9	HORIZONTAL CLARIFIERS PIPEWORK	R 3,051,112.78	R 3,014,045.78	R -	R 3,014,045.78	98.8%
10	FILTER BUILDING	R 4,122,435.00	R 2,235,338.00	R 94,025.00	R 2,329,363.00	56.5%
11	FILTER PIPEWORK	R 4,580,808.00	R 793,117.36	R 75,334.00	R 868,451.36	19.0%
12	1M RESERVOIR	R 3,822,165.00	R 3,607,071.50	R 33,000.00	R 3,640,071.50	95.2%
13	1M RESERVOIR PIPEWORK	R 514,741.00	R 487,701.00	R -	R 487,701.00	94.7%
14	AIR BLOWERS	R 855,567.66	R -	R -	R -	0.0%
15	BACKWASH PUMPS	R 2,931,854.40	R -	R -	R -	0.0%
16	GUARD HOUSE	R 193,592.50	R 198,341.50	R -	R 198,341.50	102.5%
17	ACCESS ROAD	R 1,499,025.00	R -	R -	R -	0.0%
18	INTERNAL RETICULATION	R 2,882,704.99	R 2,283,176.99	R 207,575.00	R 2,490,751.99	86.4%
19	EXISTING FILTER BUILDING ELECTRICAL	R 249,788.54	R -	R -	R -	0.0%
20	NEW FILTER BUILDING ELECTRICAL	R 646,016.00	R -	R -	R -	0.0%
21	CHEMICAL HOUSE ELECTRICAL	R 1,738,221.00	R -	R -	R -	0.0%
22	GUARD HOUSE ELECTRICAL	R 123,416.00	R -	R -	R -	0.0%
23	MECHANICAL	R 115,300.00	R -	R 21,000.00	R 21,000.00	18.2%
24	MECHANICAL VENTS	R 171,015.00	R -	R 74,905.00	R 74,905.00	43.8%
25	INSTRUMENTATION	R 3,723,910.00	R -	R -	R -	0.0%
26	HV WORKS	R 2,272,074.07	R 1,938,099.50	R -	R 1,938,099.50	85.3%
27	PUMP HOUSE ELECTRICAL	R 1,935,805.00	R 407,682.00	R -	R 407,682.00	21.1%
28	REFURBISHMENT OF EXISTING 350MM RN	R 6,301,375.92	R 1,075,325.92	R -	R 1,075,325.92	17.1%
29	REFURBISHMENT OF EXISTING FILTERS	R 2,817,447.14	R 52,500.00	R -	R 52,500.00	1.9%
	Subtotal A	R 80,956,209.03	R 48,676,729.17	R 432,807.27	R 49,109,536.44	60.7%
	PLUS: Authorised Additional Works and Costs Payable	R -	R 1,406,394.66	R -	R 1,406,394.66	0.0%
	MINUS: Reduced Payment	R -	R -	R -	R -	0.0%
	Subtotal B	R 80,956,209.03	R 50,083,123.83	R 432,807.27	R 50,515,931.10	62.4%
	PLUS: 10% Contingencies	R 8,095,620.90	R -	R -	R -	0.0%
	PLUS: Contract Price Adjustment and Special Materials	R 7,124,146.39	R 2,666,548.60	R 286,626.25	R 2,953,174.85	41.5%
	Subtotal C	R 96,175,976.33	R 52,749,672.43	R 719,433.51	R 53,469,105.94	55.6%
	MINUS: 10% Retention	R -	R 4,808,798.82	R -	R 4,808,798.82	0.0%
	PLUS: 80% Materials on-site (Includes Cession payments)	R -	R 10,095,831.00	R -364,565.60	R 9,731,265.40	
	Subtotal D	R 96,175,976.33	R 58,036,704.61	R 354,867.92	R 58,391,572.53	60.7%
	MINUS: Penalties (R57 705.95 per day for 0 days, 50% App	R -	R -	R -	R -	0.0%
	Subtotal E	R 96,175,976.33	R 58,036,704.61	R 354,867.92	R 58,391,572.53	60.7%
	PLUS: 15% VAT	R 14,426,396.45	R 8,705,505.69	R 53,230.19	R 8,758,735.88	60.7%
	TOTAL TENDERED SUM	R 110,602,372.78	R 66,742,210.30	R 408,098.11	R 67,150,308.41	60.7%

9.4 PROVISIONAL SUMS

Summary of Sections in Bill of Materials							
Item	Description	Original BoQ	Revised Final Estimate	Previously Claimed	Claimed this Month	Value of Work Done	Remainder
2.1.1	Allow for total remuneration paid to workers	R300,000.00	R30,000.00	R -	R -	R -	R90,000.00
2.1.2	Overheads, charges and profit on 2.1.1 above	R36,000.00	R10,800.00	R -	R -	R -	R10,800.00
2.1.8	Net cost of good or materials	R500,000.00	R500,000.00	R 250,856.67	R 7,499.98	R 258,356.65	R241,643.35
2.1.9	Overheads, charges and profit on 2.1.8 above	R60,000.00	R60,000.00	R 30,102.80	R 900.00	R 31,002.80	R28,997.20
2.1.10	All-inclusive cost Contractor's own plant on site	R300,000.00	R225,000.00	R 69,300.00	R -	R 69,300.00	R155,700.00
2.1.11	Net cost of hire plant	R250,000.00	R250,000.00	R -	R -	R -	R250,000.00
2.1.12	Overheads, charges and profit on 2.1.11 above	R30,000.00	R30,000.00	R -	R -	R -	R30,000.00
2.2.3	Cell phone allowance for the ER	R18,000.00	R36,900.00	R 30,600.00	R 900.00	R 31,500.00	R5,400.00
2.2.4	Overheads, charges and profit on 2.2.3 above	R2,160.00	R4,059.00	R 3,366.00	R 99.00	R 3,465.00	R594.00
2.2.5	Transportation for the ER	R360,000.00	R540,000.00	R 453,600.00	R 14,400.00	R 468,000.00	R72,000.00
2.2.6	Overheads, charges and profit on 2.2.5 above	R43,200.00	R59,400.00	R 49,896.00	R 1,584.00	R 51,480.00	R7,920.00
2.2.7	Accommodation for the ER	R288,000.00	R345,600.00	R 316,800.00	R 5,760.00	R 322,560.00	R23,040.00
2.2.8	Overheads, charges and profit on 2.2.7 above	R34,560.00	R38,016.00	R 34,848.00	R 633.60	R 35,481.60	R2,534.40
2.2.9	Equipment for the ER	R75,000.00	R56,250.00	R 52,500.00	R -	R 52,500.00	R3,750.00
2.2.10	Overheads, charges and profit on 2.2.9 above	R9,000.00	R6,187.50	R 5,775.00	R -	R 5,775.00	R412.50
2.2.11	Provisional sum ME&I Sub-Contractors	R365,000.00	R547,500.00	R 470,850.00	R 14,600.00	R 485,450.00	R62,050.00
2.2.12	Overheads, charges and profit on 2.2.11 above	R43,800.00	R60,225.00	R 51,793.50	R 1,606.00	R 53,399.50	R6,825.50
2.2.13	Ad-hoc topographical survey	R30,000.00	R30,000.00	R -	R -	R -	R30,000.00
2.2.14	Overheads, charges and profit on 2.2.13 above	R3,600.00	R3,300.00	R -	R -	R -	R3,300.00
2.2.15	Employment of the CLO	R95,400.00	R154,548.00	R 129,744.00	R 3,816.00	R 133,560.00	R20,988.00
2.2.16	Overheads, charges and profit on 2.2.15 above	R11,448.00	R17,000.28	R 14,271.84	R 419.76	R 14,691.60	R2,308.68
2.2.17	Employment of the Social Consultant	R100,000.00	R50,000.00	R 28,900.00	R 4,100.00	R 33,000.00	R17,000.00
2.2.18	Overheads, charges and profit on 2.2.17 above	R12,000.00	R5,500.00	R 3,179.00	R 451.00	R 3,630.00	R1,870.00
2.2.19	Allow for training of local unskilled labour	R200,000.00	R200,000.00	R 154,809.26	-R 113,478.26	R 41,331.00	R158,669.00
2.2.20	Overheads, charges and profit on 2.2.19 above	R24,000.00	R22,000.00	R 17,029.02	-R 12,482.61	R 4,546.41	R17,453.59
2.2.21	Allowance for transport	R100,000.00	R100,000.00	R 75,000.00	-R 75,000.00	R -	R100,000.00
2.2.22	Overheads, charges and profit on 2.2.21 above	R12,000.00	R11,000.00	R 8,250.00	-R 8,250.00	R -	R11,000.00
2.2.23	Re-vegetation of the site	R200,000.00	R100,000.00	R -	R -	R -	R100,000.00
2.2.24	Overheads, charges and profit on 2.2.23 above	R24,000.00	R11,000.00	R -	R -	R -	R11,000.00
2.2.25	Connection to existing / proposed pipework	R250,000.00	R250,000.00	R 125,000.00	R -	R 125,000.00	R125,000.00
2.2.26	Overheads, charges and profit on 2.2.25 above	R30,000.00	R27,500.00	R 13,750.00	R -	R 13,750.00	R13,750.00
2.2.27	Acceptance control testing	R200,000.00	R130,000.00	R 64,000.00	R -	R 64,000.00	R66,000.00
2.2.28	Overheads, charges and profit on 2.2.27 above	R24,000.00	R14,300.00	R 7,040.00	R -	R 7,040.00	R7,260.00
2.2.29	Work performed by Telkom	R20,000.00	R0.00	R -	R -	R -	R0.00
2.2.30	Overheads, charges and profit on 2.2.29 above	R2,400.00	R0.00	R -	R -	R -	R0.00
2.2.31	Work undertaken by Makana Electrical Dept.	R20,000.00	R20,000.00	R -	R -	R -	R20,000.00
2.2.32	Overheads, charges and profit on 2.2.31 above	R2,400.00	R2,200.00	R -	R -	R -	R2,200.00
2.2.33	Work undertaken by Makana LM Water Dept.	R20,000.00	R20,000.00	R -	R -	R -	R20,000.00
2.2.34	Overheads, charges and profit on 2.2.33 above	R2,400.00	R2,200.00	R -	R -	R -	R2,200.00
2.2.35	Work undertaken by Eskom	R30,000.00	R30,000.00	R -	R -	R -	R30,000.00
2.2.36	Overheads, charges and profit on 2.2.35 above	R3,600.00	R3,300.00	R -	R -	R -	R3,300.00
2.2.37	Work undertaken by M&E Contractors not covered in the bill of Q	R2,000,000.00	R2,000,000.00	R 2,000,000.00	R -	R 2,000,000.00	R0.00
2.2.38	Overheads, charges and profit on 2.2.37 above	R240,000.00	R220,000.00	R 220,000.00	R -	R 220,000.00	R0.00
2.2.39	Employment of students	R384,000.00	R460,800.00	R 418,560.00	R 7,680.00	R 426,240.00	R34,560.00
2.2.40	Overheads, charges and profit on 2.2.39 above	R46,080.00	R50,688.00	R 46,041.60	R 844.80	R 46,886.40	R3,801.60
2.3.1	General signage as per Engineer's instructions	R10,000.00	R10,000.00	R -	R -	R -	R10,000.00
2.3.2	Overheads, charges and profit on 2.3.1 above	R1,200.00	R1,100.00	R -	R -	R -	R1,100.00
2.3.4	Purchasing water for testing and disinfection	R20,000.00	R20,000.00	R -	R -	R -	R20,000.00
2.3.5	Overheads, charges and profit on 2.3.4 above	R2,400.00	R2,200.00	R -	R -	R -	R2,200.00
10.19.1	Specialist equipment for Filter building	R75,000.00	R75,000.00	R -	R -	R -	R75,000.00
10.19.2	Overheads, charges and profit on 10.19.1 above	R1,500.00	R76,500.00	R -	R -	R -	R76,500.00
11.7.36	Connect to existing filter backwash pipework	R50,000.00	R50,000.00	R -	R -	R -	R50,000.00
11.12.1	Specialist equipment for Filter pipework	R50,000.00	R50,000.00	R -	R -	R -	R50,000.00
11.12.2	Overheads, charges and profit on 11.12.1 above	R1,000.00	R2,500.00	R -	R -	R -	R2,500.00
18.10.5.1	Additional tests as ordered by the Engineer	R80,000.00	R80,000.00	R -	R -	R -	R80,000.00
18.10.5.2	Overheads, charges and profit on 18.10.5.1 above	R1,600.00	R1,600.00	R -	R -	R -	R1,600.00
18.11.1	Pumpstation sump inlet pipe connection chamber	R75,000.00	R75,000.00	R -	R -	R -	R75,000.00
19.18.1	Utilized by the electrical Engineer	R100,000.00	R100,000.00	R -	R -	R -	R100,000.00
20.17.1	Utilized by the electrical Engineer	R100,000.00	R100,000.00	R -	R -	R -	R100,000.00
21.17.1	Utilized by the electrical Engineer	R50,000.00	R120,000.00	R -	R -	R -	R120,000.00
22.11.1	Utilized by the electrical Engineer	R20,000.00	R20,000.00	R -	R -	R -	R20,000.00
23.7.1	Utilized by the Mechanical Engineer	R40,000.00	R40,000.00	R -	R -	R -	R40,000.00
24.7	Utilized by the Mechanical Engineer	R40,000.00	R40,000.00	R -	R -	R -	R40,000.00
25.5.1	Utilized by the Instrument Engineer	R100,000.00	R100,000.00	R -	R -	R -	R100,000.00
26.53.60	Disconnection, termination and reconnection of existing feeder cables. (2 Incoming, 3 Outgoing)	R150,000.00	R150,000.00	R -	R -	R -	R150,000.00
26.54.1	Utilized by the electrical Engineer	R40,000.00	R40,000.00	R 15,600.00	R -	R 15,600.00	R24,400.00
27.19.7	Utilized by the electrical Engineer	R100,000.00	R100,000.00	R -	R -	R -	R100,000.00
28.4.2	Extra over Items 28.4.1, 28.4.2 & 28.4.3 for the reinstatement of electrical supply for cathodic protection	R200,000.00	R200,000.00	R -	R -	R -	R200,000.00
28.4.3	Overheads, charges and profit on 28.4.2 above	R4,000.00	R20,000.00	R -	R -	R -	R20,000.00
28.4.4	Test and recommissioning cathodic protection, including unforeseen costs to recommission the system	R100,000.00	R100,000.00	R -	R -	R -	R100,000.00
28.4.5	Overheads, charges and profit on 28.4.4 above	R2,000.00	R10,000.00	R -	R -	R -	R10,000.00
28.13.1	Sum allowed for any unforeseen costs involved with the repair of pipework on the 350mm Pipeline	R750,000.00	R750,000.00	R 487,500.00	R -	R 487,500.00	R262,500.00
28.13.2	Overheads, charges and profit on 28.13.1 above	R15,000.00	R15,000.00	R 9,750.00	R -	R 9,750.00	R5,250.00
28.13.3	Sum allowed for any unforeseen costs involved with fittings and flanges on the 350mm pipeline	R750,000.00	R750,000.00	R 225,000.00	R -	R 225,000.00	R525,000.00
28.13.4	Overheads, charges and profit on 28.13.3 above	R15,000.00	R15,000.00	R 4,500.00	R -	R 4,500.00	R10,500.00

9.4 PROVISIONAL SUMS

Summary of Sections in Bill of Qualities							
Item	Description	Original BoQ	Revised Final Estimate	Previously Claimed	Claimed this Month	Value of Work Done	Remainder
28.13.5	Sum allowed for the replacement of gaskets and valves on the 450mm pipeline once the 350mm pipeline has been repaired and commissioned	R2,000,000.00	R1,484,776.95	R -	R -	R -	R1,484,776.95
	Overheads, charges and profit on 28.13.5 above	R40,000.00	R29,695.54	R -	R -	R -	R29,695.54
29.3.8.2	Provisional Sum for Mechanical Equipment	R1,000,000.00	R1,000,000.00	R -	R -	R -	R1,000,000.00
29.3.8.3	Provisional Sum for Instrumentation	R500,000.00	R500,000.00	R 50,000.00	R -	R 50,000.00	R450,000.00
		R13,285,748.00	R12,923,646.27	R5,938,212.69	-R143,916.73	R5,794,295.96	R7,129,350.31

Item	Description	Unit	Ordered	Received	Used	Balance	Rate	Amount	Order No.	Claimed Under Payment Cert No
	DN350 PN16 BUT Valve 7667W Gear	No.	1.00	1.00		1.00	R40,900.00	R 40,900.00	On Site	26
	DN350 PN16 Series 41/36 Non Return Valve	No.	1.00	1.00		1.00	R72,288.00	R 72,288.00	On Site	26
	Bricks - FBS Qunu Travertine Light	No.	12.50	12.50	5.8	6.7	R 4,085.00	R 27,389.50	On Site	19
	Bricks - NFP Plaster brick	No.	10.00	10.00	6.9	3.1	R 2,042.50	R 6,331.75	On Site	19
	Reinforcement	ton	12.36	12.36	10.36	2	R 10,975.00	R 21,950.00	On Site	19
	1500 x 0.5 Manhole rings	No.	4.00	4.00		4	R 1,530.00	R 6,120.00	On Site	23
	1500 x 1 Manhole rings	No.	14.00	14.00		14	R 3,060.00	R 42,840.00	On Site	23
	1500 OC Slab	No.	4.00	4.00		4	R 2,210.00	R 8,840.00	On Site	23
	560 Lid concrete lid	No.	3.00	3.00		3	R 675.00	R 2,025.00	On Site	23
	APS - Nuts and bolts and washers as per cession (PC No. 24) (To be reduced as fittings are installed)	Sum	1.00	1.00		1	R 244,711.80	R 244,711.80	On Site	24
	MAXAL - Chlorination items as per quote, to be reduced as items are installed and paid for under Section 25	Sum	1.00	1.00		1	R 180,985.98	R 180,985.98	On Site	26
	Bricks - FBS Qunu Travertine Light	No.	10.00	10.00		10	R 4,085.00	R 40,850.00	On Site	25
	Bricks - NFP Plaster brick	No.	6.00	6.00		6	R 2,042.50	R 12,255.00	On Site	25
	Cement - Bulk	ton	64.00	64.00	64	0	R 1,450.00	R 0.00	On Site	28
	Stone - 10mm	ton	40.00	40.00	10	30	R 282.85	R 8,485.50	On Site	29
	Stone - 20mm	ton	60.00	60.00	10	50	R 282.85	R 14,142.50	On Site	29
	Cement - Bulk	ton	32.00	32.00	0	32	R 1,450.00	R 46,400.00	On Site	29
	Chryso 178	kg	1000.00	1000.00	0	1000	R 18.58	R 18,580.00	On Site	29
	Crusher dust	ton	30.00	30.00	0	30	R 250.75	R 7,522.50	On Site	29
	Sand	ton	50.00	50.00	0	50	R 230.00	R 11,500.00	On Site	29
new item #	Manufacture, Supply and Deliver submersible water pump Flygt KS2610 172 13-06-2BB-W, 1.2kW Motor, 3 Phase, 2 Poles, 2740 rpm or similar approved, c/w level regulator (Refer to PX 3.6.6.4)	No.	1.00	1.00		1.00	R 133,109.08	R 133,109.08	On Site	31
Job No. 7087	As per Maxal invoice number IN 110333	Sum	1.00	1.00		1.00	R491,657.60	R 491,657.60	All items are on Site	31
TOTAL MATERIALS ON SITE INCLUDING CESSION MATERIALS TO SUMMARY								R 12,164,081.75		
								R 2,432,816.35		
80% MOS								R 9,731,265.40		

I/We certify that the materials and goods listed and totalling, have been supplied without any suspensive conditions and are my/our bona fide property, ownership of which has passed to me/us according to law and will pass to the employer on payment of this Certificate

CONTRACTORS SIGNATURE

Date:

25/02/2022

CAPACITY

Site Agent

Item	Description	Unit	Ordered	Received	Used	Balance	Rate	Amount	Order No.	Claimed Under Payment Cert No
4.3.1.1	500 x 350mm Ø Steel reducer F.B.E. ± 690mm long	No	1.00	1.00		1	R 8,750.00	R 8,750.00	On Site	7
4.3.1.2	350mm Ø Steel pipe F.B.E. ± 500mm long, with a 80mm branch in centre of pipe	No	1.00	1.00		1	R 6,900.00	R 6,900.00	On Site	7
4.3.1.3	350mm Ø RSV gate valve, clockwise opening, rising spindle with handwheel, (PN 10) (Refer to PX 3.1.1)	No	1.00	1.00		1	R 32,902.00	R 32,902.00	On Site	7
4.3.1.4	350mm Ø Bermad 70 F Y-pattern strainer - PN 10 (or similar approved). (Refer to PX 3.1.2)	No	1.00	1.00		1	R 34,500.00	R 34,500.00	On Site	7
4.3.1.5	350mm Ø Steel pipe F.B.E. ± 1500mm long	No	1.00	1.00		1	R 8,800.00	R 8,800.00	On Site	7
4.3.1.6	350mm Ø IP68 Remote version Endress + Hauser electromagnetic flow meter or similar approved (PN 10). Display to me mounted in chemical building. Allow for 30m of cable from chamber to display. (Refer to PX3.1.3)	No	1.00	1.00		1	R 34,976.00	R 34,976.00	On Site	7
4.3.1.7	350mm Ø Flexible flanged coupling (PN10) (Refer to PSL 3.8)	No	1.00	1.00		1	R 2,870.00	R 2,870.00	On Site	7
4.3.1.8	80mm Ø steel short radius bend, F.O.E.	No	1.00	1.00		1	R 850.00	R 850.00	On Site	7
4.3.1.9	80mm Ø RSV gate valve, clockwise opening, rising spindle with handwheel, (PN 10) (Refer to PX 3.1.1)	No	1.00	1.00		1	R 4,000.00	R 4,000.00	On Site	7
4.3.1.10	350mm Ø Flexible coupling (PN10) (Refer to PSL 3.8)	No	1.00	1.00		1	R 4,800.00	R 4,800.00	On Site	7
4.3.1.11	500mm Ø Flexible coupling (PN10) (Refer to PSL 3.8)	No	1.00	1.00		1	R 5,800.00	R 5,800.00	On Site	7
4.3.1.12	350mmØ Steel pipe ±1580mm long F.O.E., with puddle flange 470mm from flanged end	No	1.00	1.00		1	R 8,500.00	R 8,500.00	On Site	7
4.3.1.13	500mmØ Steel pipe ±1500mm long F.O.E., with puddle flange 415mm from flanged end	No	1.00	1.00		1	R 14,100.00	R 14,100.00	On Site	7
4.3.2.1	350mm Ø OZ-KAN inv stainless steel needle valve PN	No	1.00	1.00		1	R 205,730.00	R 205,730.00	On Site	7
4.3.2.2	350mm Ø Steel spoolpiece, ± 380mm long, F.B.E	No	1.00	1.00		1	R 5,300.00	R 5,300.00	On Site	7
4.3.2.3	350mm Ø Flexible flanged coupling (PN10) Refer to	No	1.00	1.00		1	R 5,200.00	R 5,200.00	On Site	7
5.6.4.4	Supply and instal Endress & Hauser Prosonic T FMU30 ultrasonic level sensor with s/s cover	No	2.00	2.00		2.00	R 15,600.00	R 31,200.00	On Site	31
6.10.4.1	Skid 1 - Duty and Standby = 15 l/h	No	2.00	2.00		2.00	R50,541.00	R 101,082.00	On Site	24
6.10.4.2	Skid 2 - Duty and Standby = 30 l/h	No	2.00	2.00		2.00	R 52,316.50	R 104,633.00	On Site	24
6.10.5.1	Poly dosing bar c/w automated isolation valve installed at the inlet to the flashmixer	No	2.00	2.00		2.00	R 1,800.00	R 3,600.00	On Site	24
6.10.7.4	Supply and instal Endress & Hauser Prosonic T FMU30 ultrasonic level sensor with s/s cover	No	4.00	4.00		4.00	R 15,600.00	R 62,400.00	On Site	31
6.12.1.1	R1 - 150mm Ø Steel pipe F.O.E. ± 445mm long, with a	No	1.00	1.00		1	R 2,260.00	R 2,260.00	On Site	20
6.12.1.2	R2 - 150mm Ø Steel short radius bend, F.B.E.	No	1.00	1.00		1	R 2,250.00	R 2,250.00	On Site	20
6.12.1.3	R3 - 150mm Ø Steel pipe F.B.E. ± 2010mm long	No	1.00	1.00		1	R 6,437.00	R 6,437.00	On Site	20
6.12.1.4	R4 - 150mm Ø Steel pipe F.B.E. ± 830mm long, with a	No	1.00	1.00		1	R 4,430.00	R 4,430.00	On Site	20
7.7.1	T1 - 150mm Ø Steel puddle pipe 540mm long FOE. Puddle flange located 100mm from plain end.	No	2.00	2.00		2	R 3,820.00	R 7,640.00	On Site	20
8.7.1	Supply and instal 2m x 1.3m, 40mm (heavy duty) non slip galvanised steel grating supported on all sides with 50 x 50 x 5mm 316 s/s angle bolted to inside face of the drain chamber with M12 bolts. Refer to Drg No. 8010/006/120	No	1.00	1.00		1.00	10,820.00	R 10,820.00	On Site	31
8.7.2	Supply and instal 2m wide walkway, 40mm (heavy duty) non slip galvanised steel grating supported on all sides with 40 x 40 x 5mm 316 s/s angle recessed and cast into concrete with GMS fish tail. Refer to Drg No. 8010/006/119	m	28.00	28.00	14	14	R 3,540.00	R 49,560.00	On Site	28
11.1.1	A1 - 350mm Ø 90° steel short radius bend, FBE	No	1.00	1.00		1.00	R 18,590.00	R 18,590.00	On Site	26
11.1.2	350mmØ 90° steel short radius bend, lbe with 240mm spool piece welded to one end	No	1.00	1.00		1	R 9,800.00	R 9,800.00	AVK	7
11.1.3	A3 - 350mmØ steel puddle pipe 840mm long, FOE puddle flange located 345mm from FE, with 50mm to 1" BSP reducer with nipple (for air valve) 200mm from PE	No	1.00	1.00		1	R 12,020.00	R 12,020.00	On Site	20

Item	Description	Unit	Ordered	Received	Used	Balance	Rate	Amount	Order No.	Claimed Under Payment Cert No
11.1.3	A3 - 350mmØ steel puddle pipe 840mm long, FOE puddle flange located 345mm from FE, with 50mm to 1" BSP reducer with nipple (for air valve) 200mm from PE (Stainless steel)	no.	1.00	1.00		1.00	23,040.00	R 23,040.00	On Site	24
11.1.5	A5 - 350x250mmØ Reducer with 210mm long spool piece welded to 250mmØ end, FBE. Total length ±465mm long	No.	2.00	2.00		2.00	R 18,154.00	R 36,308.00	On Site	26
11.1.6	A6 - 250mmØ Pressure sustaining valve Bernad or similar approved, FBE. Flow = 175 l/s Pressure = 120kPa	No.	1.00	1.00		1.00	R85,000.00	R 85,000.00	On Site	26
11.1.7	350mmØ Equal steel tee flanged with 1" BSP nipple (for pressure gauge)	No.	3.00	3.00		3.00	R 28,588.00	R 85,764.00	On Site	26
11.1.8	350mmØ flanged RSV gate PN10, (suitable for a Drehmo actuator DMC249-A-25)	No	4.00	4.00		4	R 21,526.00	R 86,104.00	AVK	7
11.1.9	A9 - 350mm Ø steel pipe 3490mm long FBE	No.	2.00	2.00		2.00	R 15,521.00	R 31,042.00	On Site	26
11.1.10	A10 - 350mm Ø steel pipe 3500mm long FBE	No.	1.00	1.00		1.00	R 15,521.00	R 15,521.00	On Site	26
11.1.11	A11 - 350mmØ 90° steel short radius bend FBE with 1" nipple (for pressure gauge)	No.	1.00	1.00		1.00	R 18,765.00	R 18,765.00	On Site	26
11.2.1	B1 - 600mm Ø 90° steel short radius bend, FBE	No.	1.00	1.00		1.00	R 73,167.00	R 73,167.00	On Site	26
11.2.10	B10 - 350mm Ø Steel pipe, 4450mm long, FBE	No.	2.00	2.00		2.00	R 17,191.00	R 34,382.00	On Site	26
11.2.11	B11 - 350mmØ 90° steel short radius bend, FOE, welded to 550mm puddle pipe FOE, with puddle flange located 420mm from FE.	no.	4.00	4.00		4	R 39,360.00	R 157,440.00	On Site	24
11.2.2	B2 - 600mmØ x 2100mm steel pipe, FBE with 350mmØ flanged branch ±600mm from one end.	No.	1.00	1.00		1.00	R 63,000.00	R 63,000.00	On Site	26
11.2.3	B3 - 600mm Ø Steel pipe, 3105mm long, FBE	No.	1.00	1.00		1	R 53,196.00	R 53,196.00	On Site	28
11.2.3	B3 - 600mm Ø Steel pipe, 5690mm long, FBE	No.	1.00	1.00		1.00	R 72,400.00	R 72,400.00	On Site	26
11.2.5 (a)	B5 - 600x350mmØ Steel reducer tee F.T.E. flanged to Stainless Steel Puddle pipe 390mm long F.O.E. with puddle flange located 120mm from P.E.	No.	1.00	1.00		1	R 18,360.00	R 18,360.00	On Site	28
11.2.8	350mmØ flanged RSV gate valve, dockwise rising spindle with hand wheel, class 10.	No	1.00	1.00		1.00	R 31,900.00	R 31,900.00	AVK	7
11.2.11	350mmØ 90° steel short radius bend, FOE, welded to 550mm puddle pipe FOE, with puddle flange located 420mm from FE.	No.	4.00	4.00		4	R27,373.00	R 109,492.00	On Site	28
11.2.11 (a)	350mmØ 90° Stainless Steel short radius bend, FOE, welded to 550mm puddle pipe FOE, with puddle flange located 420mm from FE.	No.	4.00	4.00		4	R39,360.00	R 157,440.00	On Site	28
11.3.1	C1 - 350mmØ steel puddle pipe 920mm long FOE puddle flange located 350mm from PE (Stainless steel)	no.	4.00	4.00	0	4.00	R 23,550.00	R 94,200.00	On Site	24
11.3.7	C7 - 250mmØ steel puddle pipe 800mm long, PE puddle flange located 75mm from PE, with 250mmØ short radius bend welded to the other end, FOE	no.	4.00	4.00	4	0.00	R 17,520.00	R 0.00	On Site	24
11.5.2	E2 - 500mm Ø 90° steel short radius bend FBE	No.	2.00	2.00		2.00	R 50,746.00	R 101,492.00	On Site	26
11.5.3	E3 - 500mm Ø 90° steel pipe 2470mm, FBE	No.	2.00	2.00		2.00	R 34,254.00	R 68,508.00	On Site	26
11.5.6	E5 - 500 x 400mm Ø Steel reducing tee FAE.	No.	1.00	1.00		1.00	R 76,897.00	R 76,897.00	On Site	26
11.7.30	150mm Ø Flanged cast iron wafer butterfly valve PN16	No	1.00	1.00		1	R 5,500.00	R 5,500.00	AVK	7
11.7.32	125mm Ø Flanged cast iron wafer butterfly valve PN16	No	2.00	2.00		2	R 5,500.00	R 11,000.00	AVK	7
11.7.9	100mm Ø Flanged Cast iron wafer butterfly valve PN16	No	4.00	4.00		4	R 5,100.00	R 20,400.00	AVK	7
11.8.1	H1 - 50mm Ø Steel pipe male threaded one end 580mm long with puddle flange 300mm from plain end	No.	4.00	4.00		4	R 1,356.00	R 5,424.00	On Site	28
11.8.10	H10 - 100mm Ø Short radius bend, FOE, welded to a 1215mm long spool piece, with a puddle flange located 125mm from plain end	No.	1.00	1.00		1.00	R 5,000.00	R 5,000.00	On Site	26
11.8.11	H11 - 100mm Ø Equal tee, with a 100x50mm (100mm long) reducer welded to straight end, FAE	No.	1.00	1.00		1.00	R 577.00	R 577.00	On Site	26
11.8.12	H12 - 50mm Ø Steel pipe, ±3660mm long, flanged on end, and threaded on the other	No.	1.00	1.00		1.00	R 2,540.00	R 2,540.00	On Site	26
11.8.13	H13 - 50mm Ø Steel pipe, ±420mm long, threaded	No.	1.00	1.00		1.00	R 510.00	R 510.00	On Site	26

Item	Description	Unit	Ordered	Received	Used	Balance	Rate	Amount	Order No.	Claimed Under Payment Cert No
11.8.3	H3 - 50mm Ø 90° Steel pipe female elbow, threaded	No.	4.00	4.00		4.00	R 255.00	R 1,020.00	On Site	26
11.8.4	H4 - 50mm Ø Steel pipe threaded 4085mm long	No.	3.00	3.00		3.00	R 3,540.00	R 10,620.00	On Site	26
11.8.5	H5 - 50mm Ø Equal steel tee, threaded	No.	3.00	3.00		3.00	R 495.00	R 1,485.00	On Site	26
11.8.6	H6 - 50mm Ø Steel pipe threaded 885mm long	No.	1.00	1.00		1.00	R 3,054.00	R 3,054.00	On Site	26
11.8.7	H7 - 50mm Ø Steel pipe male threaded both ends 1420mm long with puddle flange 490mm from one end	no.	1.00	1.00		1.00	R 4,375.00	R 4,375.00	On Site	24
11.8.8	H8 - 100mm Ø Short radius bend, FOE, welded to a ±465mm long spool piece, with a puddle flange located 125mm from plain end	no.	1.00	1.00		1.00	R 6,560.00	R 6,560.00	On Site	24
11.9.1	I1 - 600mm Ø steel puddle pipe 1850mm long, puddle flange located 75mm from plain end, welded to 600mm Ø 90° steel short radius bend with 390mm long spool piece welded to other end, FOE	No.	1.00	1.00		1.00	R 45,276.00	R 45,276.00	On Site	26
11.10.1	200 x 800mm grade 316 SS channel gales with adaptor	No	4.00	1.00		4	R 55,175.00	R 220,700.00	On Site	20
11.10.2	400 x 400mm wall mounted sluice gate with bracket	No	4.00	4.00		4	R 59,170.00	R 236,680.00	On Site	20
11.11.2	Fabricate, Supply and install complete Leopold Universal Type SL filter underdrain (or similar approved) of the dual /parallel lateral type, from corrosion resistant, high density polyethylene, grouting, drilling, anchors, end plate, and front flume, Leopold IMS Cap with easy removal system, etc. for 21m2 per filter	No	4.00	4.00		4.00	R 337,721.00	R 1,350,884.00	On Site	31
13.3.2	Y2 - 0 250mm Ø RSV gate valve PN16	No.	1.00	1.00		1.00	R24,764.00	R 24,764.00	On Site	26
13.3.5	Y5 - 250mmØ SG Iron flange adaptor	No.	1.00	1.00		1	R 2,460.00	R 2,460.00	On Site	19
15.3.1	Manufacture, Supply and Deliver self cleaning, semi open channel impeller submersible water pumps Flygt N3153, 3 Phase, 9KW Motor, 4 Pole, 1460rpm or similar approved	No.	2.00	2.00		2.00	R 235,950.00	R 471,900.00	On Site	31
15.3.9	Manufacture, Supply and Deliver self cleaning, semi open channel impeller submersible water pumps Flygt N3202, 3 Phase, 4 Pole, 22 kW motor, 380V, or similar approved	No.	2.00	2.00		2.00	R 381,634.00	R 763,268.00	On Site	31
15.3.19	Manufacture, Supply and Deliver submersible water pump Flygt NS3153.182 21-15-4AA-W, 7.5kW Motor, 3 Phase, 4 Pole, 1465 rpm or similar approved (Refer to PX 3.6.6.4)	No	1.00	1.00		1.00	R 189,333.54	R 189,333.54	On Site	31
15.7.12	B4 - 350mmØ Flanged RSV Gate Valve PN10	No.	2.00	2.00		2.00	R34,960.00	R 69,920.00	On Site	26
15.7.14	350mmØ Non Return Valve	No.	2.00	2.00		2	R 49,600.00	R 99,200.00	On Site	16
15.7.5	300mmØ Flanged RSV Gate Valve PN10	No.	2.00	2.00		2	R 25,070.00	R 50,140.00	On Site	19
15.7.31	D3 - 200mmØ wafer single disc swing check valve, PN10	No.	2.00	2.00		2	9,500.00	R 19,000.00	On Site	22
15.7.33	200mmØ Flanged double eccentric butterfly valve, PN10	No.	2.00	2.00		2.00	R37,173.00	R 74,346.00	On Site	26
18.11.3.2	dDN600 VJ Flange adaptor to suit	Each	2.00	2.00		2	R 10,200.00	R 20,400.00	On Site	9
18.12.1.1	40mm Class 12 HDPE Pipe	m	100.00	100.00		100	R 13.90	R 1,390.00	On Site	9
18.5.1.1	110mm Class 9 Upvc pipe	m	66.00	66.00		66	R 55.00	R 3,630.00	On Site	9
18.5.1.2	160mm Class 9 Upvc pipe	m	42.00	42.00		42	R 120.00	R 5,040.00	On Site	9
18.5.1.3	200mm Class 9 Upvc pipe	m	36.00	36.00		36	R 182.00	R 6,552.00	On Site	9
18.5.1.4	250mm Class 9 Upvc pipe	m	90.00	90.00		90	R 295.00	R 26,550.00	On Site	9
18.5.1.5	315mm Class 9 Upvc pipe	m	12.00	12.00		12	R 450.00	R 5,400.00	On Site	9
18.5.3.1	160 x 11.25 Upvc bend Class 16	Each	3.00	3.00		3	R 400.00	R 1,200.00	On Site	9
18.5.3.2	160 x 22.50 Upvc bend Class 16	Each	3.00	3.00		3	R 400.00	R 1,200.00	On Site	9
18.5.3.3	160 x 45 Upvc bend Class 16	Each	2.00	2.00		2	R 450.00	R 900.00	On Site	9
18.5.3.4	160 x 90 Upvc bend Class 16	Each	1.00	1.00		1	R 450.00	R 450.00	On Site	9
18.5.3.5	160mm CI End cap	Each	1.00	1.00		1	R 280.00	R 280.00	On Site	9
18.6.1.5	630mm x 400mm Reducer SFBE T1000/3	No.	1.00	1.00		1	R 16,540.00	R 16,540.00	On Site	26
18.6.1.7	630mm x 400mm Reducing T SFAE T1000/3	No.	1.00	1.00		1	R 42,430.00	R 42,430.00	On Site	26
18.6.1.8	h) 350mm Ø RSV gate valve PN16	No.	1.00	1.00		1.00	R32,901.00	R 32,901.00	On Site	26
	Butt welding of 630mm HDPE PN10	no.	2.00	2.00		2.00	R 9,121.00	R 18,242.00	On Site	26
18.6.2.1	a)150mmØ Steel pipe, ±2000mm long, FBE	No.	1.00	1.00		1	R 7,100.00	R 7,100.00	On Site	17

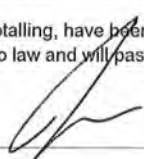
Item	Description	Unit	Ordered	Received	Used	Balance	Rate	Amount	Order No.	Claimed Under Payment Cert No
18.6.2.2	b150mmØ medium radius steel bend, FBE	No.	1.00	1.00		1	R 5,822.00	R 5,822.00	On Site	17
18.6.2.3	150mmØ Steel pipe FOE, ±500mm long, with puddle flange	No.	1.00	1.00		1	R 5,822.00	R 5,822.00	On Site	17
18.6.2.4	150mmØ Steel pipe FBE, ±830mm long with puddle flange	No.	1.00	1.00		1	R 5,822.00	R 5,822.00	On Site	17
18.6.2.5	160mm CI Flange adaptor	Each	1.00	1.00		1	R 500.00	R 500.00	On Site	9
18.6.3.1	344-360 Maxi Coupling FBE	Each	1.00	1.00		1	R 2,900.00	R 2,900.00	On Site	9
18.6.3.2	600mm Maxi Coupling FBE	Each	1.00	1.00		1	R 9,200.00	R 9,200.00	On Site	9
18.6.4.1	344-360 Maxi Flange adaptor	Each	2.00	2.00		2	R 3,600.00	R 7,200.00	On Site	9
18.6.4.2	dDN600 VJ Flange adaptor to soil	Each	4.00	4.00		4	R 10,200.00	R 40,800.00	On Site	9
24.1.5	Supply and install a new PH analyser transmitter 020-AT-005 will be installed at the mixing channel, contractor to supply and install 30m of new cabling provide mounting brackets, channel and tray as required to the PLC node 02.	No.	1.00	1.00		1.00	R 44,200.00	R 44,200.00	On Site	22
25.1.1	Supply and install new ultrasonic level transmitter 000-LT-001 will be installed at the dam reservoir, contractor to supply and install 30m of new cabling provide mounting brackets, channel and tray as required to the PLC telemetry panel node 01.	No.	1.00	1.00		1.00	15,500.00	R 15,500.00	On Site	22
25.1.5	Supply and install a new PH analyser transmitter 020-AT-005 will be installed at the mixing channel, contractor to supply and install 30m of new cabling provide mounting brackets, channel and tray as required to the PLC node 02.	No.	1.00	1.00		1.00	R 44,200.00	R 44,200.00	On Site	31
25.1.6	Supply and install a new chlorine analyser transmitter 020-AT-011 will be installed at the mixing channel, contractor to supply and install 30m of new cabling provide mounting brackets, channel and tray as required to the PLC node 02.	No.	1.00	1.00		1.00	R 56,420.00	R 56,420.00	On Site	22
25.1.8	Supply and install a level transmitters 030-LT-017 & 030-LT-018 will be installed at the Polyelectrolyte spare tank no 2 & 3, contractor to supply and install 30m of new cabling provide mounting brackets, channel and tray as required to the PLC node 02.	No.	2.00	2.00		2.00	R 4,590.00	R 9,180.00	On Site	22
25.1.9	Supply and install two new ultrasonic level transmitters 040-LT-009 and 040-LT-010 will be installed at each sedimentation tank inlet chamber, contractor to provide mounting brackets, contractor to supply and install 30m of new cabling provide mounting brackets, channel and tray as required to the PLC node 02.	No.	2.00	2.00		2.00	R 15,500.00	R 31,000.00	On Site	22
25.1.11	The two new sedimentation clarifiers will also be equipped with new electrically actuated valves (Drehmo DMC249-A-25 or similar approved) contractor to supply and install electric actuators, provide mounting brackets, and supply and install 30m of new cabling provide channel and tray as required to the PLC node 02.	22	22.00	22.00		22.00	R 38,700.00	R 851,400.00	On Site	22
25.1.12	The contractors will provide and install four local water proof (IP65 rated) control boxes with local /remote selector switch and individual valve open and close push-button for each sedimentation tank, contractor to supply and install 30m of cable, channels and trays as required for power supply and PLC node 02 controls feedback signals.	No.	4.00	4.00		4.00	R 6,500.00	R 26,000.00	On Site	31
25.1.14	Supply and install four new ultrasonic level transmitters 050-LT- 401/ 501/ 601/ 701/ 801 will be installed at each new filter tank, contractor to supply and install mounting brackets, 30m of new cables, channel and tray as required and new wiring to their respective PLC node.	No.	4.00	4.00		4.00	R 15,500.00	R 62,000.00	On Site	22

Item	Description	Unit	Ordered	Received	Used	Balance	Rate	Amount	Order No.	Claimed Under Payment Cert No
25.1.25	The five new solenoid valves for each filters 1 to 4 will be installed in a four new junction boxes, the contractors will supply and install four local water proof (IP65 rated) control boxes complete with air distribution manifold, air filter and regulator. Wiring and tubing to on/off valves to be 316 stainless steel installed in a galvanised supporting and protecting channel.	No	4.00	4.00		4.00	R 5,500.00	R 22,000.00	On Site	31
25.1.27	The new filters will be equipped with new electrically actuated valves (Drehmo DMC249-A-25 or similar approved) on the clear water outlet, contractor to supply and install electric actuators, provide mounting brackets, and supply and install 30m of new cabling provide channel and tray as required to the respective PLC node.	No.	4.00	4.00		4.00	R 56,420.00	R 225,680.00	On Site	22
25.1.28	The new filters will be equipped with new electrically actuated sluice gates (Drehmo DMC249-A-25 or similar approved) to the backwash outlet, contractor to supply and install electric actuators, provide mounting brackets, and supply and install 30m of new cabling provide channel and tray as required to the respective PLC node.	No.	4.00	4.00		4.00	R 56,420.00	R 225,680.00	On Site	26
25.1.30	New filters 5 to 8 will be equipped with six electrically actuated on/off valves each . The contractor will supply and install 30m of power supply cabling and PLC nodes 7, 8,9,10 control feedback signals	No.	6.00	6.00		6.00	R 42,760.00	R 256,560.00	On Site	22
25.1.31	Supply and install three new ultrasonic level transmitters 060-LT-025, 060-LT-028 and 060-LT-031 at each clear water reservoir, contractor to supply and install mounting brackets, 30m of new cables, channel and tray as required and new wiring to the PLC node 00.	No.	3.00	3.00		3.00	R 15,500.00	R 46,500.00	On Site	22
25.1.37	Supply and install a new ultrasonic level transmitter 070-LT-041 will be installed at the backwash tank, contractor to supply and install , mounting brackets, 30m of new cables, channel and tray as required and new wiring to the PLC node 00.	No.	1.00	1.00		1.00	R 15,500.00	R 15,500.00	On Site	22
25.1.40	Two pressure gauges 080-PG-042 and 070-PG-043 will be installed at the blower suction and discharge piping. Contractor to supply and install gauges complete with isolation valve.	No	2.00	2.00		2.00	R 1,500.00	R 3,000.00	On Site	31
28.5.2.8	80mm Dia valve with geared actuator (Table 40)	No.	4.00	4.00		4	R 45,000.00	R 180,000.00	On Site	21
28.5.2.9	80 mm o with geared actuator (Table 40)	No.	4.00	4.00		4	R 45,000.00	R 180,000.00	On Site	18
28.5.2.10	80 mm o with geared actuator (Table 64)	No.	2.00	2.00		2	R 51,000.00	R 102,000.00	On Site	18
28.6.5	150 mm o with geared actuator (Table 25)	No.	2.00	2.00		2	R 70,000.00	R 140,000.00	On Site	16
28.6.5	150 mm o with geared actuator (Table 40)	No.	3.00	3.00		3	R 80,000.00	R 240,000.00	On Site	18
28.6.5	150 mm o with geared actuator (Table 64)	No.	2.00	2.00		2	R 90,000.00	R 180,000.00	On Site	18
28.7.6	80mm o (Table 25)	No.	2.00	2.00		2	R 37,500.00	R 75,000.00	On Site	16
28.9.1	DN100 Wedge Gate Valve	No.	1.00	1.00		1	R 10,000.00	R 10,000.00	On Site	16
29.1.2.4	400mm dia. X 10mm orifice plate with 74mm hole	No	24.00	24.00		24.00	R 1,878.00	R 45,072.00	On Site	20
29.1.7.1	Supply and install turbidity measurement sensor complete with controller. Endress & Hauser sensor, turbimax WCUS31, controller, Liquisys M CUM 223 complete with mounting assembly for direct immersion into channel and 80m cable or similar approved - Inlet Channel	No.	2.00	2.00		2.00	R 20,000.00	R 40,000.00	On Site	22
29.2.2.9	V9 - 150mm Ø S.S. Wafer TTV butterfly valve with extended spindle and handwheel (PN10)	No.	6.00	6.00		6.00	R 9,000.00	R 54,000.00	On Site	22
29.1.8.2	200mm dia. RSV flanged gate valve, clockwise dosing, rising spindle with hand wheel, Class 16	no.	6.00	6.00		6.00	R 20,000.00	R 120,000.00	On Site	24
29.3.2.13 (As per VO 5)	Leopoldt filter system for old works (as per VO 5)	No	4.00	4.00		4.00	R 289,000.00	R 1,156,000.00	On Site.	31

Item	Description	Unit	Ordered	Received	Used	Balance	Rate	Amount	Order No.	Claimed Under Payment Cert No
	DN350 PN16 BUT Valve 756?W Gear	No.	1.00	1.00		1.00	R40,900.00	R 40,900.00	On Site	26
	DN350 PN16 Series 4 1/36 Non Return Valve	No.	1.00	1.00		1.00	R72,288.00	R 72,288.00	On Site	26
	Bricks - FBS Qunu Travertine Light	No.	12.50	12.50	5.8	6.7	R 4,085.00	R 27,369.50	On Site	19
	Bricks - NFP Plaster brick	No.	10.00	10.00	6.9	3.1	R 2,042.50	R 6,331.75	On Site	19
	Reinforcement	ton	12.36	12.36	10.36	2	R 10,975.00	R 21,950.00	On Site	19
	1500 x 0.5 Manhole rings	No.	4.00	4.00		4	R 1,530.00	R 6,120.00	On Site	23
	1500 x 1 Manhole rings	No.	14.00	14.00		14	R 3,060.00	R 42,840.00	On Site	23
	1500 OC Slab	No.	4.00	4.00		4	R 2,210.00	R 8,840.00	On Site	23
	560 Lid concrete lid	No.	3.00	3.00		3	R 675.00	R 2,025.00	On Site	23
	APS - Nuts and bolts and washers as per cession (PC No. 24) (To be reduced as fittings are installed)	Sum	1.00	1.00		1	R 244,711.80	R 244,711.80	On Site	24
	MAXAL - Chlorination items as per quote, to be reduced as items are installed and paid for under Section 25	Sum	1.00	1.00		1	R 180,985.98	R 180,985.98	On Site	26
	Bricks - FBS Qunu Travertine Light	No.	10.00	10.00		10	R 4,085.00	R 40,850.00	On Site	25
	Bricks - NFP Plaster brick	No.	6.00	6.00		6	R 2,042.50	R 12,255.00	On Site	25
	Cement - Bulk	ton	64.00	64.00	64	0	R 1,450.00	R 0.00	On Site	28
	Stone - 10mm	ton	40.00	40.00	10	30	R 282.85	R 8,485.50	On Site	29
	Stone - 20mm	ton	60.00	60.00	10	50	R 282.85	R 14,142.50	On Site	29
	Cement - Bulk	ton	32.00	32.00	0	32	R 1,450.00	R 46,400.00	On Site	29
	Chryso 178	kg	1000.00	1000.00	0	1000	R 18.58	R 18,580.00	On Site	29
	Crusher dust	ton	30.00	30.00	0	30	R 250.75	R 7,522.50	On Site	29
	Sand	ton	50.00	50.00	0	50	R 230.00	R 11,500.00	On Site	29
new item #	Manufacture, Supply and Deliver submersible water pump Flygt KS2610.172 13-06-2BB-W, 1.2kW Motor, 3 Phase, 2 Pole, 2740 rpm or similar approved, c/w level regulator (Refer to PX 3.6.6.4)	No.	1.00	1.00		1.00	R 133,109.08	R 133,109.08	On Site	31
Job No. 7087	As per Maxal invoice number IN 110333	Sum	1.00	1.00		1.00	R491,657.60	R 491,657.60	All items are on Site	31
TOTAL MATERIALS ON SITE INCLUDING CESSION MATERIALS TO SUMMARY								R 12,164,081.75		
								R 2,432,816.35		
80% MOS								R 9,731,265.40		

I/We certify that the materials and goods listed and totalling, have been supplied without any suspensive conditions and are my/our bona fide property, ownership of which has passed to me/us according to law and will pass to the employer on payment of this Certificate

CONTRACTORS SIGNATURE



SITE AGENT

Date:

25/02/2022

CAPACITY