

6. CONTRACT SC1995/2019: REPLACEMENT OF WATER METERS IN THE OVERSTRAND AREA, PHASE 4 FOR A PERIOD ENDING 20 JUNE 2022

8/4

T Steenberg
13 June 2022

Deputy Director: Operational Services

(028) 313 8982

1. Executive Summary

The purpose of this report is to provide the necessary information and motivation on the proposed amendment of Contract SC1995/2019: Replacement Of Water Meters In The Overstrand Area, Phase 4 For A Period Ending 30 June 2022, in terms of the enabling provisions of section 116(3) (a) & (b) of the Local Government: Municipal Finance Management Act, Act No. 56 of 2003 (MFMA), to enable Council to make an informed decision whether to consent to the amendment of the contract.

2. Service Delivery and Budget Implementation Plan - IGNITE

Directorate: Community Services
Department: Operational Services

3. Compliance with Strategic Priorities

Provision of democratic, accountable and ethical governance
Provision and maintenance of municipal services
Creation and maintenance of a safe and healthy environment
Promotion of tourism, economic and social development

4. Delegated Authority

None

5. Legal Requirements

Local Government: Municipal Finance Management Act, 2003(Act 56 of 2003)
Overstrand Municipality Supply Chain Management Policy, as amended
Overstrand Municipality Contract Management Policy, as amended
MFMA Circular No. 73 issued by National Treasury

6. Background/Discussion/Evaluation/Conclusion

Background

The abovementioned 3 years term contract was awarded iKapa Reticulation and Flow CC. on 28 February 2020 and will end on 30 June 2022. The contract is utilised to replace water meters in the Overstrand as a critical mitigating action to reduce water losses in the Overstrand. Water losses is identified as a high-level risk on the Overstrand Risk Register.

A new contract for the replacement of water meters must be in place by 1 July 2022, to ensure that the risk of water losses and unaccounted for water is reduced drastically. Unfortunately, all new tender advertisements have been stopped by the Overstrand Municipality and many other government institutions following a recent Circular received from National Treasury, indicating that there is uncertainty about the legality of the PPPFA Regulations due to a ruling of the Constitutional Court, therefore a Section 116 process as described below, was followed.

Section 116(3) of the MFMA provides as follows:

“116(3) A contract or agreement procured through the supply chain management policy of a municipality or municipal entity may be amended by the parties, but only after-

(a) the reasons for the proposed amendment have been tabled in the council of the municipality; and

(b) the local community -

(i) has been given reasonable notice of the intention to amend the contract or agreement; and

(ii) has been invited to submit representations to the municipality or municipal entity.”

Section 116(3) process

Date of Advertising: 14 April 2022
 Method of Advertising: Die Burger, Cape Times,
 Overstrand Municipality Website
 Closing Date for Comment: 13 May 2022
 No comments were received from the public at the closing date.

Discussion

The specifications for the new tender, SC2294/2022, was 100% completed and submitted to the BSC on 25 January 2022. The BSC was subsequently held on 2 February 2022. The date for advertisement was however not set at the time due to amendments that needed to be made to the tender document. The Circular dated 25 February from National Treasury as well as subsequent communication from the Supply Chain management Department advised that no new tenders to be advertised after 16 February 2022.

This will be the first amendment to Contract SC 1995/2019. The contract is rates based for the services described above, and therefore no fixed contract amount exists that has to be amended, but only the contract period has to be extended, to ensure continuity during the period where new tenders cannot be advertised or awarded.

The motivation for the proposed amendment is as follows:

1. The service rendered through the current contract is regarded as critical in reducing water losses and ultimately impacting on the Overstrand Municipality's revenue generating ability. The continuation of services by the current service providers will ensure continuity until a new contract can be awarded.
2. The amendment of the contract will have no adverse financial implications for the municipality, as there are fixed rates which are escalated by 6 % annually.

Conclusion

It is therefore recommended that Contract SC 1995/2019 be amended in terms of section 116(3) of the MFMA, by extending the contract for a 1-year period with start date 1 July 2022 and end date 30 June 2023

7. Financial Implications

Source of Funding : Operational

Unique Key	: 20210629091300
Cost Account	: 50202000061
Item Description	: Maintenance of Unspecified Assets
Budget Provision 2022/23	: R 3 258 440
Balance Available	: R 3 258 440

8. Staff Implications

None

9. Comments from other Departments, Divisions and Administrations

Contract manager: Hermanus, Mr. C. Roets - (028) 313 8951

It is confirmed that Contracts SC 1995/2019 is still active and the proposed extension of the contract is supported.

The contractor indicated that they are willing to extend the contract for a contract period ending 30 June 2023. Compliance to section 116(3) of the MFMA has been duly adhered to.

The successful amendment to the contract is subject to the successful completion of the SCM process.

10. Annexures

- Annexure A: Addendum to the contract (Intent to amend)
- Annexure B: Published Public notice as on 14 April 2022
- Annexure C: BAC minutes of 28 February 2020
- Annexure D: Bill of Quantities – iKapa Reticulation and Flow CC

RECOMMENDATION TO THE COUNCIL:

1. that **cognisance be taken** of the reasons for the proposed amendment of **Contract SC1995/2019: REPLACEMENT OF WATER METERS IN THE OVERSTRAND AREA, PHASE 4 FOR A PERIOD ENDING 20 JUNE 2022**, in terms of the enabling provisions of Section 116(3) (a) & (b) of the Local Government: Municipal Finance Management Act 2003 (Act 56 of 2003), and that the amendment be consented to; and
2. that **cognisance be taken** that no recommendations or representations were received from the local community by closing date, 13 May 2022.

RESPONSIBLE OFFICIAL :	T STEENBERG
TARGET DATE FOR IMPLEMENTATION :	01 JULY 2022
TARGET DATE TO INFORM APPLICANT:	N/A
TARGET DATE TO INFORM OBJECTOR :	N/A



Enquiries: Theo Steenberg
Date: 04 April 2022

KANTOOR VAN DIE ADJUNK DIREKTEUR: OPERASIONELE DIENSTE
OFFICE OF THE DEPUTY DIRECTOR: OPERATIONAL SERVICES

ADDENDUM- INTENT TO AMEND A CONTRACT

The parties agree to the following intention to amend the existing contract **SC1995/2019** with **iKapa Reticulation and Flow CC** for the **Replacement Of Water Meters In The Overstrand Area, Phase 4 For A Period Ending 20 June 20222**, which were signed between them on **25 March 2020** and record this was done freely and willingly, without any coercion whatsoever from any one party:

The parties agree to the amendment of the contract end date, regarding the abovementioned agreement to the **30 June 2023** on the same terms and conditions.

The supplier acknowledges that they do have the capacity to fulfil the obligation as set out in the terms and conditions.

The parties agree that the amendment of the contract is subject to the completion of a Supply Chain Management process, including completing a process as prescribed by section 116(3) of the Municipal Finance Management OR Circular 62 from National Treasury.

The parties further agree to commit to this amendment of contract after the date of completion of the prescribed Supply Chain Management process.

Thus done and signed at Brackenfell this 04 day of April, 2022 in the presence of the undersigned witnesses.

WITNESSES:

1. 
2. Ryan Davids

For and behalf of with **iKapa Reticulation and Flow CC**


NAME: Randal Davids

DESIGNATION: Director

Thus done and signed at Hermanus this 4TH day of APRIL, 2022 in the presence of the undersigned witnesses

WITNESSES:

1. B. Spennellis
2. Wam


For and on behalf of Overstrand Municipality:
Roderick Williams
Director: Community Services



KENNISGEWING

KENNISGEWING INGEVOLGE ARTIKEL 116(3) VAN DIE WET OP PLAASLIKE REGERING: MUNISIPALE FINANSIËLE BESTUUR, 2003 (WET 56 VAN 2003) VIR DIE VOORGESTELDE WYSIGING VAN DIE BESTAANDE OOREENKOMS MET IKAPA RETICULATION AND FLOW CC VIR DIE VERVANGING VAN WATERMETERS IN DIE OVERSTRAND AREA, FASE 4.

Kennis geskied hiermee ingevolge artikel 116(3) (a) en (b) van die Wet op Plaaslike Regering: Munisipale Finansiële Bestuur, 2003 (Wet 56 van 2003) dat die Munisipaliteit Overstrand van voornemens is om die bestaande ooreenkoms met iKapa Reticulation and Flow CC te wysig. Die voorgestelde wysiging van die ooreenkoms is om voorsiening te maak vir die uitbreiding van die ooreenkoms vir 'n periode wat eindig op 30 Junie 2023.

Kennis geskied verder ingevolge artikel 21 en 21A van die Wet op Plaaslike Regering: Munisipale Stelsels, 2000 (Wet 32 van 2000), dat die plaaslike gemeenskap en geaffekteerde partye genooi word om kommentaar of vertoë oor die voorgestelde wysiging van die ooreenkoms aan die Munisipaliteit te lewer. Hierdie kommentaar of vertoë moet teen nie later nie as Vrydag, 13 Mei 2022 om 12:00 ingedien word.

Alle kommentare of vertoë moet ingedien word in 'n verseëelde koevert, duidelik gemerk "SC1995/2019: KOMMENTAAR OP KENNISGEWING VAN WYSIGING VAN BESTAANDE OOREENKOMS MET IKAPA RETICULATION AND FLOW CC" en geplaas word in Tenderbus nr. 7.

Alle voorleggings moet geadresseer word aan:
Die Munisipale Bestuurder
Tenderbus nr. 7
Munisipaliteit Overstrand
Magnoliaalaan
Hermanus
7200

Persone wat liggaamlik gestremd is of nie kan lees of skryf nie, maar aan die proses *will* deelneem, kan gedurende kantoorure na die Munisipale Kantore, Magnoliaalaan, Hermanus kom, waar 'n personeellid hulle sal help om die kommentaar of vertoë neer te skryf.

Dean O'Neill
Munisipale Bestuurder

BID ADJUDICATION COMMITTEE MEETING

ATTENDANCE REGISTER & UNDERTAKING OF CONFIDENTIALITY AND IMPARTIALITY

Date: 2020.02.28

I, the undersigned, hereby declare:

- that all information, documentation and decisions regarding any matter before the committee are confidential and undertake not to make known anything in this regard
- that I will treat all providers and potential providers equitably and will not purposefully favour or prejudice anybody
- that I will make known details of any private or business interest which I, or any close family member, partner or associate may have in any proposed procurement or disposal process of, or in any award or contract and that I will immediately withdraw from participating in any manner whatsoever

NAME	DEPARTMENT / SECTION MUNICIPALITY	SIGNATURE
S.G. Reyneke-Wandse	Finance	
C. La Roux	SCM	
D. Madikane	Econ. Dev.	
T.P. STEENBERG	COMM SERU	
Ivin Wilkoot	SCM	
E Hooneberg	Finance, Rev.	
R. Fresser	Traffic + LEO	
P. BURGER	OPERATIONAL	
D. Hendriks	Eng Services	
T. Maza	OPERATIONAL SERV.	
S. Müller	Inte & Plan	
Desiree Anniscou	Admin Serv	
M.J. Michael	Inte & Plan	
R. Williams	Comm Serv	
S. Immelman	SCM	
R. de Jager	SCM	



Minutes of the Proceedings of a meeting of the Bid Adjudication Committee, held in the SCM Committee Room, Hermanus at 08:05 on Friday, 28 February 2020.

OFFICIALS PRESENT:

Committee Members:

Ms. SG Reyneke-Naude	Director: Finance (Chairperson)
Ms. D Arrison	Director: Management Services
Mr. S Müller	Director: Infrastructure and Planning
Mr. S Madikane	Director: Economic & Social Development & Tourism
Mr. R Williams	Director: Community Services
Mr. N Michaels	Director: Protection Services
Mr. C Le Roux	Deputy Director: Finance & SCM

Technical Advisors:

Mr. R de Jager	Senior Admin Officer: SCM
Mr. J Witbooi	Manager: Demand & Procurement
Ms. S Immelman	Principal Clerk: SCM
Mr. T Steenberg	Deputy Director: Community Services
Mr. P Burger	Senior Manager: Operational Hermanus
Mr. R Fraser	Senior Manager: Law Enforcement & Task Team
Mr. D Hendriks	Senior Manager: Engineering Services
Ms. E Hooneberg	Senior Manager: Income
Mr. T Marx	Principal Technician: Operational Hermanus

6.6 TENDER NO. SC 1995/2019: REPLACEMENT OF WATER METERS IN THE OVERSTRAND AREA, PHASE 4, FOR A CONTRACT PERIOD ENDING 30 JUNE 2022

The Director Community Services, Mr. R Williams vacated his chair as committee member of the Bid Adjudication Committee for the duration of the adjudication of this item.

Upon a proposal by the Director: Protection Services, Mr. N Michaels duly seconded by the Director: Management Services, Ms. D Arrison it was

RESOLVED:

- 1.1 that as they scored the highest points in terms of Council's Preferential Procurement Policy preference point system, Tender No. SC1995/2019: REPLACEMENT OF WATER METERS IN THE OVERSTRAND AREA, PHASE 4, FOR A CONTRACT PERIOD ENDING 30 JUNE 2022, be awarded to

Service provider / supplier:		iKapa Reticulation and Flow CC	SCM supplier #	1530
Service / goods provided:		Replacement Of Water Meters		
Vote:	Item description	Overstrand:Water		
	Cost account	14850201470000	Business key	20180705059905
Amount (Excl. VAT):	As per the schedule of rates listed below	Contingency:	10% included	
Amount in words:	As per the schedule of rates listed below			
Escalation percentage:	6%	Escalation date:	1 July 2020 and 1 July 2021	
Contract Director:	RW Williams	Contract Owner:	T Steenberg	
CONTRACT PERIOD:				
Implementation date:	Date of signing of contract	End date:	30 June 2022	Period: 29 months or part thereof

- 1.2 that it be disclosed in the notes to the annual financial statements that the spouse of the sole member, Randal Davids, is in the service of the State, the details of which are as follows:

1. Name : SFA Davids
 Department : Western Cape Education Department
 Capacity : Special Needs Teacher
 Peral No. : 50699202/PG09
 Amount of award : Rates

- 1.3 that the expenditure on this contract be limited to R 10 000 000.00 including VAT.

SCHEDULE OF RATES

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	Ikapa RATE	Ikapa AMOUNT
A		PRELIMINARY AND GENERAL				
A.1	PS A 8.11	TIME RELATED ITEMS				
	PS A	Company and head office overhead				
A.1.1	8.11.1	costs for Full Three Year Period	No.	36	2 000,00	72 000,00
A.1.2		Costs for storage and relevant overheads for the Full Three Year Period	No.	36	500,00	18 000,00
A.1.3		Other time-related obligations (Specify)	No.	36	1 000,00	36 000,00
A.2		ITEMS A3 AND A4 FOR ADDITIONAL WORK AND NOTED FOR EVALUATION ONLY				
	8.5	(Paid only on discretion of the Employer)				
A.3	PS A 8.7	DAYWORKS LABOUR COSTS				
A.3.1		Foreman	hours	8	80,00	640,00
A.3.2		Artisan	hours	8	80,00	640,00
A.3.3		Driver	hours	8	40,00	320,00
A.3.4		Plumber	hours	8	80,00	640,00
A.3.5		Unskilled Worker	hours	8	30,00	240,00
A.3.6		Skilled Labourer	hours	8	35,00	280,00
A.3.7		Semi-Skilled Labourer	hours	8	35,00	280,00
A.3.8		Other resources (to be specified by contractor)	hours	8		
A.4		PLANT CHARGES				
A.4.1		Digger Loader	hours	8	200,00	1 600,00
A.4.2		Plate Compactor	hours	8	25,00	200,00

A.4.3		Flatbed truck (3t)	hours	8	200,00	1 600,00
A.4.4		Compressor	hours	8	10,00	80,00
A.4.5		Generator	hours	8	10,00	80,00
A.4.6		Digger Loader (JCB 3X or similar)	hours			
A.5	8.5	SUMS STATED PROVISIONALLY BY EMPLOYER'S AGENT				
	8.5	(Paid only on discretion of the Employer)				
A.5.1		a) Public awareness Notices as required for areas during implementation as required by Employer's Agent's Representative	Sum	1	30 000,00	30 000,00
A.5.2		b) Overheads, charges and profit on item A.4.1	%	30 000	5%	1 500,00
A.5.3		c) Community Liaison Officer	Sum	1	30 000,00	30 000,00
A.5.4		d) Overheads, charges and profit on item A.4.3	%	30 000	5%	1 500,00
A.6		ADDITIONAL EQUIPMENT REQUIRED				
A.6.1		Approved backup portable HDD of 1 Tb in size to be utilized for additional data capturing and photo storage by contractor and monthly swapped out with Employer's Agent's Representative (Drive's to be supplied to Employer's Agent's Representative at close of contract)	No	2	1 000,00	2 000,00
A.7		TEMPORARY WORKS				
A.7.1	PS A 8.8.2	Accommodation of traffic (For full three Year Contract)	Sum/year	3	500,00	1 500,00
A.8	PS A 8.9	OCCUPATIONAL HEALTH AND SAFETY (PROVISIONAL)				

A.8.1	PSA 8.9.1	Cost of health and safety measures in terms of the Construction Regulations of the Occupational Health and Safety Act (For full three Year Contract)	Sum/year	3	20 000,00	60 000,00
A.8.2	PS A 8.9.2	<u>Compilation of a Health and Safety Plan, including Risk Assessments, Safe Works Procedures and Method Statements (For full three Year Contract)</u>	Sum	1	3 000,00	3 000,00
A.8.3	PS A 8.9.2	Maintenance of a Health and Safety Plan, including Risk Assessments, Safe Works Procedure and Method Statements (For full three Year Contract) per year	Sum/year	3	15 000,00	45 000,00
A.8.4	PS A 8.9.3	Compilation of the Health and Safety File (For full three Year Contract)	Sum	1	3 000,00	3 000,00
A.8.5	PS A 8.9.3	Maintenance of the Health and Safety File (For full three Year Contract) per year	Sum/year	3	6 000,00	18 000,00
A.8.6		Over and above cost for Medical Certificates as required for staff when required and approved by Employer's Agent	No	10	450,00	4 500,00
B		DOMESTIC WATER METER REPLACEMENT				
B.1	PS A 8.10	FIXED-CHARGE AND VALUE-RELATED ITEMS Fieldwork Activities: Watermeter replacement complete and including C3.1.7				
B.1.1	PS A 8.10.1	Drop notice at property, informing them of proposed date of visit to property	No	4 500	5,00	22 500,00
B.1.2	PS A 8.10.6	Visit property and drop calling card where owner is not at home	No	4 500	5,00	22 500,00

B.1.3	PS A 8.10.2	Visit designated properties accompanied by Employer's Agent's representative, interact with owner/tenant, hand-over pamphlets, identify water meter to be replaced and complete meter Form, including photo evidence, and submission to client.	No	4 500	10,00	45 000,00
B.2	SABS 1200 DB	EARTHWORKS (PIPE TRENCHES)				
B.3	8.3.2 PS DB	EXCAVATION Excavate in all materials for trenches, select, backfill, compact and dispose of all surplus material for erf connections with: Dia up to 25 mm for depths: Over and Up to				
B.3.1		0,5 m 1,0 m	m	8 000	10,00	80 000,00
B.3.2		1,0 m 1,5m	m	250	20,00	5 000,00
	8.3.2(b)	Extra-over items B.2.1 to B.2.2 for:				
B.3.3		Intermediate excavation	m ³	1	100,00	100,00
B.3.4		Hard rock excavation	m ³	1	100,00	100,00
B.3.5		Demolish and removal of concrete complete	m ³	20	100,00	2 000,00
B.3.6	PS DB 8.3.2(c)	Excavate unsuitable material from trench bottom	m ³	1	100,00	100,00
B.3.7	PS D 8.3.8.1(c)	Hand excavation to expose existing services	m ³	1	100,00	100,00
B.3.8	PS DB 8.3.8.2 (d)	Hand excavation and backfill	m ³	10	100,00	1 000,00
B.3.9	PS DB 8.3.2 (e)	Extra-over PS DB 8.3.2(a) for temporary stockpiling of material	m ³	1	100,00	100,00
B.4	8.3.3	EXCAVATION ANCILLARIES				
	8.3.3.1	Make up deficiency in				

		backfill material				
B.4.1	8.3.3.1(c)	From commercial sources	m ³	1	200,00	200,00
B.4.2	PS DB 8.3.3.1(d)	From stockpile	m ³	1	100,00	100,00
B.4.3	PS DB 8.3.3.3	Compaction in road reserves	m ³	1	20,00	20,00
B.5	8.3.5	EXISTING SERVICES				
	PS DB 8.3.5(a)	Services that intersect a trench				
B.5.1		Sewer main pipes	No	1	10,00	10,00
B.5.2		Water pipes	No	1	10,00	10,00
B.5.3		Sewer erf connections	No	1	10,00	10,00
B.5.4		Stormwater pipes	No	1	10,00	10,00
B.5.5		Low voltage electrical cables (Underground)	No	1	10,00	10,00
B.5.6		Low voltage electrical cables (Overhead)	No	1	10,00	10,00
B.5.7		Medium voltage electrical cables (Underground)	No	1	10,00	10,00
B.5.8		Medium voltage electrical cables (Overhead)	No	1	10,00	10,00
B.5.9		Telkom cables (Underground)	No	1	10,00	10,00
B.5.10		Telkom cables (Overhead)	No	1	10,00	10,00
B.5.11		Kerbs	No	1	10,00	10,00
B.5.12		Channels	No	1	10,00	10,00
	PS DB 8.3.5(b)	Services that adjoin a trench				
B.5.13		Sewer main pipes	m	1	10,00	10,00
B.5.14		Sewer erf connections	m	1	10,00	10,00
B.5.15		Stormwater pipes	m	1	10,00	10,00
B.5.16		Low voltage electrical cables (Underground)	m	1	10,00	10,00
B.5.17		Low voltage electrical cables (Overhead)	m	1	10,00	10,00
B.5.18		Medium voltage electrical	m	1	10,00	10,00

		cables (Underground)				
B.5.19		Medium voltage electrical cables (Overhead)	m	1	10,00	10,00
B.5.20		Telkom cables (Underground)	m	1	10,00	10,00
B.5.21		Telkom cables (Overhead)	m	1	10,00	10,00
B.5.22		Kerbs	m	1	10,00	10,00
B.6		EXISTING SURFACE COVER REPAIR				
B.6.1	PS DB 8.3.5.7	Remove and reinstat existing grass/lawns complete after installation	m ²	4 500	5,00	22 500,00
B.6.2	PS DB 8.3.5.8	Reinstat gardens complete after installation	m ²	200	20,00	4 000,00
B.6.3	PS DB 8.3.5.9	Reinstat area with Soilcrete after installation	m ²	20	20,00	400,00
B.6.4	PS DB 8.3.5.9	Reinstat area with Sand/Cement stabilized soil after installation	m ²	20	20,00	400,00
B.6.5	PS DB 8.3.5.9	Reinstat area with 75 mm thick 25 MPa concrete with smooth finish after installation	m ²	150	150,00	22 500,00
B.6.6	PS DB 8.3.5.9	Reinstat area with 100 mm thick 25 MPa concrete with smooth finish after installation	m ²	20	180,00	3 600,00
B.6.7	PS DB 8.3.5.11	Reinstat area with Topsoil complete after installation	m ³	150	150,00	22 500,00
B.6.8	PS C 8.2.15	Removal of concrete to dump site	m ³	10	120,00	1 200,00
	PS DB 8.3.5.10	Remove and reinstat paved areas complete after installation (All material to be re-used)				
B.6.9		Interlocking blocks	m ²	15	200,00	3 000,00
B.6.10		Cobblestone blocks	m ²	150	120,00	18 000,00
B.6.11		Brick paving	m ²	150	120,00	18 000,00
B.6.12		Gravel	m ²	30	20,00	600,00
B.6.13		Pebbles (matched to	m ²	30	120,00	3 600,00

		existing layer)				
B.6.14		Remove and reinstate existing road layer complete with 25mm Premix layer on prepared surface and Pen 30/60 Primer including sealing of edges with viaseal after installation	m ²	30	250,00	7 500,00
	PSDB 8.3.6	Finishing:				
	8.3.6	Reinstatement of road surfaces complete with all courses:				
B.6.15		a) Paved Roads	m ²	30	150,00	4 500,00
B.6.16		b) Asphalt Roads	m ²	10	150,00	1 500,00
B.6.17		c) Gravel Roads	m ²	30	20,00	600,00
B.6.18		d) Paved Driveways	m ²	50	150,00	7 500,00
B.6.19		e) "Crazy Pave"	m ²	10	150,00	1 500,00
B.6.20		f) Concrete Driveway	m ²	30	150,00	4 500,00
B.6.21		g) Premix Sidewalks	m ²	20	150,00	3 000,00
B.6.22	PS DB 8.3.8	Cut of road beforehand	m	25	10,00	250,00
B.7	SABS 1200 LB	BEDDING (PIPES)				
	8.2.1	Provision of bedding material compacted to 93% of MAASHTO density (100% for sand) with material from trench excavation				
B.7.1		Selected granular material	m ³	1	300,00	300,00
B.7.2		Selected fill material	m ³	1	300,00	300,00
	8.2.2.3	Provision of bedding material compacted to 93% MAASHTO density (100% for sand) with material from commercial sources				
B.7.3		Selected granular material	m ³	1	300,00	300,00
B.7.4		Selected fill material	m ³	1	300,00	300,00

B.8	PS W2	NEW WATER METERS				
	PS W1	Fittings, pipes, meters, etc to comply to Specifications for Water Connection as specified on page C3.7				
B.8.1	PS W2.1	Supply and installation of new 15mm domestic water meter complete as shown on drawing 19049-C-004-200 in Plastic meter box and as specified with Utility systems or similar approved flow controller	No	1	3 200,00	Rate Only
B.8.2	PS W2.2	Supply and installation of new 15mm domestic water meter complete as shown on drawing 19049-C-004-200 in Plastic meter box and as specified with Utility systems flow controller, or similar approved flow controller supplied by Municipality	No	1	900,00	Rate Only
B.8.3	PS W2.1	Supply and installation of new 20 mm domestic water meter outside of boundary complete as shown on drawing 19049-C-004-201 in Plastic meter box and as specified	No	4 000	1 040,00	4160 000,00
B.8.4	PS W2.4	Supply and installation of new 20 mm plastic consumer stop-cock inside plastic valve box with lid, on existing or new erf connection inside of boundary complete as shown on drawing 19049-C-004-201 and as specified	No	4 000	260,00	1040 000,00
B.8.5	PS W2.2	Installation of new 20 mm domestic water meter at new position complete as shown on drawing 19049-C-004-201 in Plastic meter box and as specified with meter complete in box supplied by Municipality	No	10	900,00	9 000,00

B.8.6	PS W2.1	Installation of new 20 mm domestic water meter inside erf complete as shown on drawing 19049-C-004-201 in Plastic meter box and as specified with consumer stopcock in chamber supplied by Municipality	No	1	750,00	Rate Only
B.8.7	PS W2.1	Supply and installation of new 25 mm approved water meter at new position complete as shown on drawing 19049-C-004-202 in Plastic meter box and as specified	No	15	1 200,00	18 000,00
B.8.8	PS W2.2	Installation of new 25 mm approved water meter at new position complete as shown on drawing 19049-C-004-202 in Plastic meter box and as specified with meter supplied by Municipality	No	1	750,00	Rate Only
B.8.9	PS W2.1	Supply and installation of new 40 mm approved water at new position complete as shown on drawing 19049-C-004-204 meter chamber and as specified	No	40	8 900,00	356 000,00
B.8.10	PS W2.2	Installation of new 40 mm Approved water meter at new position complete as shown on drawing 19049-C-004-204 in meter chamber and as specified with meter supplied by Municipality	No	1	2 500,00	Rate Only
B.8.11	PS W2.1	Supply and installation of new 50 mm commercial water meter at new position complete as shown on drawing 19049-C-004-204 in meter chamber and as specified	No	10	11 290,00	112 900,00
B.9		RELOCATION OF EXISTING WATER METERS Meter to be installed on existing erf connection pipe at new position				

B.9.1	PS W2.6	Remove and relocation of existing 20 mm water meter complete as shown on drawing	No	100	500,00	50 000,00
B.10	SABS 1200 LF	ERF CONNECTIONS (WATER) FITTINGS				
	SABS 1200 L					
	PS W1	Supply, lay and bed HDPE PE80 PN12.5 pipes on class C bedding complete with couplings, test and disinfect the following pipes:				
B.10.1		16 mm dia	m	5	3,00	15,00
B.10.2		20 mm dia	m	10	5,00	50,00
B.10.3		25 mm dia	m	20	7,00	140,00
	PS W1	Supply, lay and bed Class 3 copper pipes on class C bedding complete with couplings, test and disinfect the following pipes:				
B.10.4		16 mm dia	m	5	52,00	260,00
B.10.5		20 mm dia	m	10	75,00	750,00
B.10.6		25 mm dia	m	20	100,00	2 000,00
	PS W1	Supply, lay and bed SABS approved Polycop pipes on class C bedding complete with couplings, test and disinfect the following pipes:				
B.10.7		16 mm dia	m	10	3,00	30,00
B.10.8		20 mm dia	m	10 000	8,00	80 000,00
B.10.9		25 mm dia	m	20	10,00	200,00
		Extra-over for specials				
	PS W1	Saddles for HDPE PE80 PN12.5 / class 3 copper / polycop pipes on main pipes				
B.10.10		16 mm on 75 mm dia	No	1	50,00	50,00
B.10.11		16 mm on 110 mm dia	No	1	50,00	50,00

B.10.12		16 mm on 160 mm dia	No	1	50,00	50,00
B.10.13		20 mm on 75 m dia	No	1	50,00	50,00
B.10.14		20 mm on 110 mm dia	No	1	50,00	50,00
B.10.15		20 mm on 160 mm dia	No	1	50,00	50,00
B.10.16		25 mm on 75 mm dia	No	1	30,00	30,00
B.10.17		25 mm on 110 mm dia	No	1	35,00	35,00
B.10.18		25 mm on 160 mm dia	No	1	130,00	130,00
B.10.19		25 mm on 200 mm dia	No	1	130,00	130,00
	PS W1	Locable ferrules for HDPE PE80 PN12.5 / class 3 copper / polycop pipes				
B.10.20		16 mm dia	No	1	200,00	200,00
B.10.21		20 mm dia	No	1	200,00	200,00
B.10.22		25 mm dia	No	1	200,00	200,00
	PS W1	Male adaptors for HDPE PE80 PN12.5/class 3 copper /polycop pipes				
B.10.23		16 mm x 3/4" dia	No	1	8,00	8,00
B.10.24		20 mm x 3/4" dia	No	1	8,00	8,00
B.10.25		25 mm x 3/4" dia	No	1	10,00	10,00
	PS W1	Reducing tees with female thread branch for HDPE PE80 PN12.5 / class 3 copper / polycop pipes				
B.10.26		16 mm x 25 mm dia	No	1	20,00	20,00
B.10.27		20 mm x 25 mm dia	No	1	20,00	20,00
	PS W1	Brass conex fittings				
B.10.28		22 mm dia copper to copper elbow	No	1	30,00	30,00
B.10.29		22 mm dia copper to male elbow	No	1	30,00	30,00
B.10.30		22 mm dia copper to copper straight	No	1	30,00	30,00
	PS W1	Other fittings				
B.10.31		20x15 mm dia Plasson	No	1	10,00	10,00

		adaptor				
B.10.32		22 x 15 mm dia Conex Reducers	No	1	30,00	30,00
B.10.33		15 mm dia Femal couplings	No	1	15,00	15,00
		Additional items deleived to Municipal stores on request				
	PS W1.4	Consumer cutt-off valves				
B.10.34		20 mm dia complete inside enclosed valve enclosure	No	5	250,00	1 250,00
B.10.35		25 mm dia complete inside enclosed valve enclosure	No	5	250,00	1 250,00
	PS W1.2	Approved domestic water meter complete inside box, including fittings and municipal cut-off valve				
B.10.36		20 mm dia domestic water meter	No	5	500,00	2 500,00
B.10.37	PS W1.2	Plastic lockable meter box with a 20mm female threaded inlet and outlet, a lockable lid and baseplate	No	2	500,00	1 000,00
B.10.38	PS W1.3	Utility System flow controller or similar approved Water Management Device (WMD - Mark 2) complete with 15mm meter and municipal valve fitted in approved meter chamber	No	5	2 500,00	12 500,00
B.10.39		WMD Mark 2 Programming Probe (Infra Red)	No	2	1 000,00	2 000,00
B.10.40		WMD Mark 2 Programming Probe (WiFi)	No	2	1 000,00	2 000,00
B.11		VALVES				
B.11.1		Supply and install complete 25mm wheeled (blue hand wheel), Dezintified brass gate valve complete with Conex Brass fittings	No	10	200,00	2 000,00

		housed inside a 110mm PVC class 6 (or similar) sleeve				
B.11.2	PS L 8.2.3	50mm Gate Valve	No	25	1 200,00	30 000,00
B.12		SUNDRIES				
B.12.1	PS W2.4	All spares delivered to Municipal stores regularly as agreed upon complete with record and registers	No	4 000	10,00	40 000,00
B.12.2		Computer complete with software and programming to calibrate and set flow controllers installed including necessary cables, laptop bag etc.	No	1	10 000,00	10 000,00
B.12.3		Testing of existing domestic water meters complete as specified	No	5	200,00	1 000,00
C		BULK METER REPLACEMENT				
C.1	PSA 8.10	FIXED-CHARGE AND VALUE RELATED ITEMS				
		Fieldwork Activities: Watermeter replacement complete and including C3.1.7				
C.1.1		Inspection of bulk meter installation with Employer's Representative and Employer's Agent or Agent's Representative	No	10	100,00	1 000,00
C.1.2		Scheduling with Employer's Representative and Employer's Agent's Representative for replacement of targeted meter or fittings	No	10	100,00	1 000,00
C.2	SABS 1200 DB 8.3.2	EARTHWORKS (PIPE TRENCHES) EXCAVATION Dia 25mm up to 200 mm for depths:				

	PS DB 8.3.2(a)	Excavate in all materials for trenches, select, backfill, compact and dispose of all surplus material for erf supply connections with: Over and up to				
C.2.1		0,5 m 1,0 m	m	120	20,00	2 400,00
C.2.2		1,0m 1,5m	m	5	20,00	100,00
	8.3.2(b)	Extra-over items B.2.1 to B.2.4 for:				
C.2.3		Intermediate excavation	m ³	2	200,00	400,00
C.2.4		Hard rock excavation	m ³	5	200,00	1 000,00
C.2.5		Demolish and removal of concrete complete	m ³	20	200,00	4 000,00
C.2.6	PS DB 8.3.2(c)	Excavate unsuitable material from trench bottom	m ³	5	100,00	500,00
C.2.7	PS D 8.3.8.1(c)	Hand excavation to expose existing services	m ³	5	100,00	500,00
C.2.8	PS DB 8.3.8.2(d)	Hand excavation and backfill	m ³	5	100,00	500,00
C.2.9	PS DB 8.3.2(e)	Extra-over PS DB 8.3.2(a) for temporary stockpiling	m ³	5	100,00	500,00
C.3	8.3.3	EXCAVATION ANCILLARIES				
	8.3.3.1	Make up deficiency in backfill material				
C.3.1	8.3.3.1(c)	From commercial sources	m ³	10	200,00	2 000,00
C.3.2	PS DB 8.3.3.1(d)	From stockpile	m ³	10	100,00	1 000,00
C.3.3	PS DB 8.3.3.3	Compaction in road reserves	m ³	10	100,00	1 000,00
C.4		EXISTING SURFACE COVER REPAIR				
C.4.1	PS DB 8.3.5.7	Remove and reinstate existing grass/lawn complete after installation	m ²	20	5,00	100,00
C.4.2	PS DB 8.3.5.8	Reinstate gardens complete after installation	m ²	20	20,00	400,00

C.4.3	PS DB 8.3.5.9	Reinstate area with Sand/Cement	m ²	20	20,00	400,00
C.4.4	PS DB 8.3.5.9	Reinstate area with Sand/Cement stabilized soil after Installation.	m ²	20	20,00	400,00
C.4.5	PS DB 8.3.5.9	Reinstate area with 75 mm thick 25 MPa concrete with smooth finish after installation	m ²	20	150,00	3 000,00
C.4.6	PS DB 8.3.5.9	Reinstate area with 100 mm thick 25 MPa concrete with smooth finish after installation	m ²	20	180,00	3 600,00
C.4.7	PS DB 8.3.5.11	Reinstate area with Topsoil complete after installation	m ²	20	150,00	3 000,00
C.4.8	PS C 8.2.15	Removal of concrete to dump site	m ³	10	120,00	1 200,00
	PS DB 8.3.5.10	Remove and reinstate paved areas complete after installation (All material to be re-used):				
C.4.9		Interlocking blocks	m ²	5	200,00	1 000,00
C.4.10		Cobblestone blocks	m ²	5	200,00	1 000,00
C.4.11		Brick paving	m ²	5	200,00	1 000,00
C.4.12		Gravel	m ²	5	20,00	100,00
C.4.13		Pebbles (matched to existing layer)	m ²	5	200,00	1 000,00
C.4.14		Remove and reinstate existing road layer complete with 25mm Premix layer on prepared surface and Pen 30/60 Primer including sealing of edges after installation	m ²	5	250,00	1 250,00
C.4.15	PS DB 8.3.8	Cut of road beforehand	m	10	10,00	100,00
C.5	SABS 1200 LB	BEDDING (PIPES)				
	8.2.1	Provision of bedding material compacted to 93% of MAASHTO density (100% for sand) with material from trench excavation				

C.5.1		Selected granular material	m ³	3	30,00	90,00
C.5.2		Selected fill material	m ³	3	30,00	90,00
	8.2.2.3	Provision of bedding material compacted to 93% of MAASHTO density (100% for sand) with material from commercial sources				
C.5.3		Selected granular material	m ³	90	200,00	18 000,00
C.5.4		Selected fill material	m ³	45	50,00	2 250,00
C.6	PS L 8.3	BULK WATER METERS				
	PS L 8.3	Supply and install complete in existing chambers the following meters: State Make of Meter:				
C.7	PS DB 8.3.5.10	Remove and reinstate paved areas complete after installation (All material to be re-used):				
C.7.1		Dia 50mm water meter	No	2	3 500,00	7 000,00
C.7.2		Dia 80mm water meter	No	2	3 500,00	7 000,00
C.7.3		Dia 100mm water meter	No	1	4 000,00	4 000,00
C.7.4		Dia 150mm water meter	No	1	6 000,00	6 000,00
	PS L 8.3	Supply and install complete in existing chamber the following combination meters: State Make of Meter:				
C.7.5		Dia 50mm water meter	No	1	3 500,00	3 500,00
C.7.6		Dia 80mm water meter	No	1	3 500,00	3 500,00
C.7.7		Dia 100mm water meter	No	1	3 800,00	3 800,00
C.7.8		Dia 150mm water meter	No	1	5 600,00	5 600,00
	PS L 8.3	Supply and install complete in existing chamber the following electro mechanical meters: State Make of Meter:				

C.7.9		Dia 50mm water meter	No	1	8 000,00	8 000,00
C.7.10		Dia 80mm water meter	No	1	9 000,00	9 000,00
C.7.11		Dia 100mm water meter	No	1	9 000,00	9 000,00
C.7.12		Dia 150mm water meter	No	1	12 000,00	12 000,00
		VALVES				
C.7.13	PS L 8.2.3	80mm Gate Valve on 75/90 PVC pipe	No	1	2 100,00	2 100,00
C.7.14	PS L 8.2.3	100mm Gate Valve on 110 PVC pipe	No	1	2 500,00	2 500,00
C.7.15	PS L 8.2.3	150mm Gate Valve on 160 PVC pipe	No	1	4 100,00	4 100,00
C.7.16	PS L 8.2.3	200mm Gate Valve on 200 PVC pipe	No	1	7 900,00	7 900,00
C.8		CONNECTION FITTINGS FOR BULK WATER METERS				
		Supply and install complete couplings (inclusive of packing, nuts bolts, washers, SS, etc) for:				
C.8.1		Flanged coupling to suite existing pipe to connect Dia 50mm water meter	No	2	250,00	500,00
C.8.2		Flanged coupling to suite existing pipe to connect Dia 80mm water meter q	No	2	250,00	500,00
C.8.3		Flanged coupling to suite existing pipe to connect Dia 100mm water meter	No	2	250,00	500,00
C.8.4		Flanged coupling to suite existing pipe to connect Dia 150mm water meter	No	2	500,00	1 000,00
C.8.5		Flanged coupling to suite existing pipe to connect Dia 200mm water meter	No	2	500,00	1 000,00
		Supply and install complete strainers (inclusive of packing, nuts, bolts washers, SS, etc) for:				
C.8.6		Strainer to suite Dia 50mm water meter	No	1	500,00	500,00

C.8.7		Strainer to suite Dia 80mm water meter	No	1	600,00	600,00
C.8.8		Strainer to suite Dia 100mm water meter	No	1	700,00	700,00
C.8.9		Strainer to suite Dia 150mm water meter	No	1	900,00	900,00
C.8.10		Strainer to suite Dia 200mm water meter	No	1	1 200,00	1 200,00
C.9		SUNDRIES				
C.9.1	PS W2.5	All spares delivered to Municipal stores regularly as agreed upon	No	5	100,00	500,00
C.9.2		Construction of New meter chamber brick wall, 220mm wall plastered both sides	m ²	20	500,00	10 000,00
C.9.3		600mm dia lockable manhole cover and frame	No	2	1 200,00	2 400,00
C.9.4		150mm Concrete slab with Ref 617 mesh for 1200x1200mm chamber	No	2	1 000,00	2 000,00
C.9.5		150mm Concrete slab with Ref 617 mesh for 1200 x1800mm chamber	No	2	1 200,00	2 400,00
D		REPAIR/MAINTENANCE OF COMMUNAL TOILETS				
D.1	PS A 8.10	FIXED-CHARGE AND VALUE RELATED ITEMS				
		Fieldwork Activities: Maintenance and Repairs at Public Ablution Facilities complete and including C3.1.7				
D.1.1	PS A 8.10.4	Visit communal toilet block, accompanied by Employer's representative, identify water leads and other plumbing repairs required, record on audit form and do relevant maintenance/repairs	No	10	10,00	100,00

D.1.2	Visit public ablution facilities again and complete additional repairs required and not planned for under maintenance visit	No	5	10,00	50,00
D.2	TOILET CISTERNS				
D.2.1	Remove existing and supply and fit "Elf" type cistern as supplied by DPE or similar approved	No	10	160,00	1 600,00
D.2.2	Remove existing and supply and fit "Leak free" cistern or similar as supplied by Colourtap or similar approved	No	5	400,00	2 000,00
D.2.3	Remove existing and supply and fit multi-flush cistern as supplied by Aqua Smart or similar approved.	No	5	400,00	2 000,00
D.3	TOILET CISTERN INSERTS				
D.3.1	Remove existing and supply and fit "Elf" type cistern inserts complete as supplied by DPE or similar approved	No	10	115,00	1 150,00
D.3.2	Remove existing and supply and fit "Leak free" cistern inserts complete or similar as supplied by Colourtap or similar approved	No	1	150,00	150,00
D.3.3	Remove existing and supply and fit multi-flush cistern inserts complete as supplied by Aqua Smart or similar approved.	No	1	150,00	150,00
D.4	TOILET CISTERN PARTS				
	Remove existing and supply and fit parts for "Elf" type cistern or similar:				
D.4.1	Side inlet Kleenflo Float Valve ½" BSP (Code FP3) complete with arm	No	5	20,00	100,00

D.4.2	110mm Ball Float (code FP21A) or similar approved	No	5	10,00	50,00
D.4.3	Supa Flush valve (270 with backnut as supplied by DPE or similar approved)	No	5	50,00	250,00
D.4.4	Pan seal wax ring	No	10	5,00	50,00
D.4.5	50mm two way valve vent	No	5	5,00	25,00
D.4.6	Bung rubber	No	10	5,00	50,00
	Flush handle and arm				
D.4.7	Plastic	No	5	5,00	25,00
D.4.8	Solid Handle steel	No	5	10,00	50,00
D.4.9	Flush pipe with capnut to flush valve and bung to toilet pan (low level cistern)	No	5	10,00	50,00
D.4.10	Flush pipe with capnut to flush valve and bung to toilet pan (high level cistern)	No	5	30,00	150,00
D.4.11	Adjust existing float valve arm to prevent overflow (no parts to be fitted)	No	5	5,00	25,00
D.4.12	Re-fix loose toilet cistern to wall	No	10	10,00	100,00
D.4.13	Supply and install galvanised brackets where walls not suitable	No	10	10,00	100,00
D.4.14	Flush valve as supplied by Aqua Smart or similar approved	No	5	60,00	300,00
D.5	FITTINGS TO CONNECT UP TOILET CISTERNS				
	Supply, fit and install compression fittings for 15mm pipes:				
D.5.1	Copper to male coupling	No	10	15,00	150,00
D.5.2	Copper to female coupling	No	10	15,00	150,00
D.5.3	Copper to copper coupling	No	10	20,00	200,00

D.5.4	Copper to female elbow	No	10	20,00	200,00
D.5.5	Copper to copper tee	No	10	20,00	200,00
D.5.6	Supply and install 15mm x 200 SABS approved braided connector	No	10	30,00	300,00
D.5.7	Supply and install full turn ½" Angle Valve on cistern inlet	No	10	20,00	200,00
D.6	TAPS (Chrome plated, brass and plastic)				
D.6.1	Repair seating on 15mm, 20mm and 25mm taps	No	10	5,00	50,00
D.6.2	Supply and replace washers on 15mm, 20mm and 25mm taps	No	10	5,00	50,00
	Remove existing and supply and fit new tap:				
D.6.3	15 mm Cobra Stella or similar approved	No	5	200,00	1 000,00
D.6.4	15 mm Brass	No	10	200,00	2 000,00
D.6.5	15 mm Plastic as supplied by Colourtap or similar approved	No	10	40,00	400,00
D.7	PIPEWORK: WATER				
D.7.1	Identify position of underground leaks	No	20	20,00	400,00
D.7.2	Identify position of leaks inside walls	No	20	20,00	400,00
	Excavate for water pipe up to 600mm, and backfill, compact and make good after repairing or replacing underground pipe				
D.7.3	For grassed surfaces	m	10	20,00	200,00
D.7.4	For brick paved surfaces	m	10	20,00	200,00
D.7.5	For black top surfaces	m	10	20,00	200,00
D.7.6	For concrete surfaces	m	10	20,00	200,00
	Break out existing wall to expose leaking water pipe and repair and make				

	good the wall after fixing					
	Supply and install Class 16 SABS approved polycop piping including all couplings					
D.7.7	15 mm	m	10	3,00	30,00	
D.7.8	22 mm	m	10	6,00	60,00	
D.7.9	28 mm	m	10	10,00	100,00	
	Supply and install copper piping including all compression fittings or welded joints					
D.7.10	15 mm	m	10	52,00	520,00	
D.7.11	18 mm	m	10	75,00	750,00	
	Supply and install Class 16 HDPE piping including all necessary Plasson fittings					
D.7.12	20 mm	m	1	5,00	5,00	
D.7.13	25 mm	m	10	70,00	700,00	
D.8	PIPEWORK: SEWER					
D.8.1	Identify blockages/leaks	No	10	10,00	100,00	
	Excavate for sewer pipe up to 800mm, and backfill, compact and make good after preparing or replacing underground pipe.					
D.8.2	For grassed surfaces	m	10	20,00	200,00	
D.8.3	For brick paved surfaces	m	10	20,00	200,00	
D.8.4	For black top surfaces	m	10	20,00	200,00	
D.8.5	For concrete surfaces	m	10	20,00	200,00	
	Remove and install fittings for external sewer pipework					
D.8.6	110mm Pan collar sw straight	No	10	20,00	200,00	
D.8.7	110mm Socket kimberly	No	10	20,00	200,00	

Minutes of the Proceedings of a meeting of the Bid Adjudication Committee held in the SCM Committee Room, Hermanus, on Friday, 28 February 2020 at 08:05.

26/26

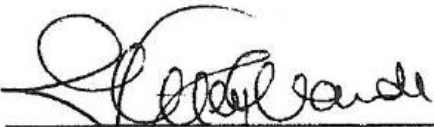
D.8.8	110mm PVC Junction 95 degree	No	10	20,00	200,00
D.8.9	110mm Rodding eye 45 degree	No	10	20,00	200,00
D.8.10	110mm ribbed junction 45 degree	No	10	20,00	200,00
D.8.11	110mm Bent and vent horn 95 degree	No	10	20,00	200,00
	Supply and install PVC sewer pipe				
D.8.12	110 mm	m	10	20,00	200,00
D.8.13	50 mm	m	10	20,00	200,00
D.9	SUNDRIES				
D.9.1	Fixing toilet pan to floor complete	No	10	200,00	2 000,00
D.9.2	Cleaning and disinfecting toilet unit (jetwash) and pipework	No	10	100,00	1 000,00
D.9.3	Clean and flush pipework to manhole	No	10	100,00	1 000,00
D.9.4	Clean, flush and rodding of pipework to manhole (where required)	No	10	100,00	1 000,00
D.10	FINISHING OF REPAIRS TO ORIGINAL CONDITION				

Certified as correct by:



Mr. C Le Roux

Deputy Director: Finance & SCM



Ms. SG Reyneke-Naude

Director: Finance (Chairperson)

02 March 2020

Date

03/03/2020

Date

SCHEDULE OF RATES

Annexure D

1/14

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapaRATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
A		PRELIMINARY AND GENERAL					
A.1	PS A 8.11	TIME RELATED ITEMS					
	PS A	Company and head office overhead					
A.1.1	8.11.1	costs for Full Three Year Period	No.	36	2 000.00	2 120.00	2 247.20
A.1.2		Costs for storage and relevant overheads for the Full Three Year Period	No.	36	500.00	530.00	561.80
A.1.3		Other time-related obligations (Specify)	No.	36	1 000.00	1 060.00	1 123.60
A.2		ITEMS A3 AND A4 FOR ADDITIONAL WORK AND NOTED FOR EVALUATION ONLY					
	8.5	(Paid only on discretion of the Employer)					
A.3	PS A 8.7	DAYWORKS LABOUR COSTS					
A.3.1		Foreman	hours	8	80.00	84.80	89.89
A.3.2		Artisan	hours	8	80.00	84.80	89.89
A.3.3		Driver	hours	8	40.00	42.40	44.94
A.3.4		Plumber	hours	8	80.00	84.80	89.89
A.3.5		Unskilled Worker	hours	8	30.00	31.80	33.71
A.3.6		Skilled Labourer	hours	8	35.00	37.10	39.33
A.3.7		Semi-Skilled Labourer	hours	8	35.00	37.10	39.33
A.3.8		Other resources (to be specified by contractor)	hours	8			
A.4		PLANT CHARGES					
A.4.1		Digger Loader	hours	8	200.00	212.00	224.72
A.4.2		Plate Compactor	hours	8	25.00	26.50	28.09
A.4.3		Flatbed truck (3t)	hours	8	200.00	212.00	224.72
A.4.4		Compressor	hours	8	10.00	10.60	11.24
A.4.5		Generator	hours	8	10.00	10.60	11.24
A.4.6		Digger Loader (JCB 3X or similar)	hours				
A.5	8.5	SUMS STATED PROVISIONALLY BY EMPLOYER'S AGENT					
	8.5	(Paid only on discretion of the Employer)					
A.5.1		a) Public awareness Notices as required for areas during implementation as required by Employer's Agent's Representative	Sum	1	30 000.00	31 800.00	33 708.00
A.5.2		b) Overheads, charges and profit on item A.4.1	%	30 000	5.00	5.30	5.62
A.5.3		c) Community Liaison Officer	Sum	1	30 000.00	31 800.00	33 708.00
A.5.4		d) Overheads, charges and profit on item A.4.3	%	30 000	5.00	5.30	5.62
A.6		ADDITIONAL EQUIPMENT REQUIRED					

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapaRATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
A.6.1		Approved backup portable HDD of 1 Tb in size to be utilized for additional data capturing and photo storage by contractor and monthly swapped out with Employer's Agent's Representative (Drive's to be supplied to Employer's Agent's Representative at close of contract)	No	2	1 000.00	1 060.00	1 123.60
A.7		TEMPORARY WORKS					
A.7.1	PS A 8.8.2	Accommodation of traffic (For full three Year Contract)	Sum/year	3	500.00	530.00	561.80
A.8	PS A 8.9	OCCUPATIONAL HEALTH AND SAFETY (PROVISIONAL)					
A.8.1	PSA 8.9.1	Cost of health and safety measures in terms of the Construction Regulations of the Occupational Health and Safety Act (For full three Year Contract)	Sum/year	3	20 000.00	21 200.00	22 472.00
A.8.2	PS A 8.9.2	Compilation of a Health and Safety Plan, including Risk Assessments, Safe Works Procedures and Method Statements (For full three Year Contract)	Sum	1	3 000.00	3 180.00	3 370.80
A.8.3	PS A 8.9.2	Maintenance of a Health and Safety Plan, including Risk Assessments, Safe Works Procedure and Method Statements (For full three Year Contract) per year	Sum/year	3	15 000.00	15 900.00	16 854.00
A.8.4	PS A 8.9.3	Compilation of the Health and Safety File (For full three Year Contract)	Sum	1	3 000.00	3 180.00	3 370.80
A.8.5	PS A 8.9.3	Maintenance of the Health and Safety File (For full three Year Contract) per year	Sum/year	3	6 000.00	6 360.00	6 741.60
A.8.6		Over and above cost for Medical Certificates as required for staff when required and approved by Employer's Agent	No	10	450.00	477.00	505.62
B		DOMESTIC WATER METER REPLACEMENT					
B.1	PS A 8.10	FIXED-CHARGE AND VALUE-RELATED ITEMS					
		Fieldwork Activities: Watermeter replacement complete and including C3.1.7					
B.1.1	PS A 8.10.1	Drop notice at property, informing them of proposed date of visit to property	No	4 500	5.00	5.30	5.62
B.1.2	PS A 8.10.6	Visit property and drop calling card where owner is not at home	No	4 500	5.00	5.30	5.62
B.1.3	PS A 8.10.2	Visit designated properties accompanied by Employer's Agent's representative, interact with owner/tenant, hand-over pamphlets, identify water meter to be replaced and complete meter Form, including photo evidence, and submission to client.	No	4 500	10.00	10.60	11.24
B.2	SABS 1200 DB	EARTHWORKS (PIPE TRENCHES)					
B.3	8.3.2	EXCAVATION					
	PS DB	Excavate in all materials for trenches, select, backfil, compact and dispose of all surplus material for erf connections with: Dia up to 25 mm for depths: Over and Up to					
B.3.1		0,5 m 1,0 m	m	8 000	10.00	10.60	11.24
B.3.2		1,0 m 1,5m	m	250	20.00	21.20	22.47
	8.3.2(b)	Extra-over items B.2.1 to B.2.2 for:					

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapaRATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
B.3.3		Intermediate excavation	m ³	1	100.00	106.00	112.36
B.3.4		Hard rock excavation	m ³	1	100.00	106.00	112.36
B.3.5		Demolish and removal of concrete complete	m ³	20	100.00	106.00	112.36
B.3.6	PS DB 8.3.2(c)	Excavate unsuitable material from trench bottom	m ³	1	100.00	106.00	112.36
B.3.7	PS D 8.3.8.1(c)	Hand excavation to expose existing services	m ³	1	100.00	106.00	112.36
B.3.8	PS DB 8.3.8.2 (d)	Hand excavation and backfill	m ³	10	100.00	106.00	112.36
B.3.9	PS DB 8.3.2 (e)	Extra-over PS DB 8.3.2(a) for temporary stockpiling of material	m ³	1	100.00	106.00	112.36
B.4	8.3.3	EXCAVATION ANCILLARIES					
	8.3.3.1	Make up deficiency in backfill material					
B.4.1	8.3.3.1(c)	From commercial sources	m ³	1	200.00	212.00	224.72
B.4.2	PS DB 8.3.3.1(d)	From stockpile	m ³	1	100.00	106.00	112.36
B.4.3	PS DB 8.3.3.3	Compaction in road reserves	m ³	1	20.00	21.20	22.47
B.5	8.3.5	EXISTING SERVICES					
	PS DB 8.3.5(a)	Services that intersect a trench					
B.5.1		Sewer main pipes	No	1	10.00	10.60	11.24
B.5.2		Water pipes	No	1	10.00	10.60	11.24
B.5.3		Sewer erf connections	No	1	10.00	10.60	11.24
B.5.4		Stormwater pipes	No	1	10.00	10.60	11.24
B.5.5		Low voltage electrical cables (Underground)	No	1	10.00	10.60	11.24
B.5.6		Low voltage electrical cables (Overhead)	No	1	10.00	10.60	11.24
B.5.7		Medium voltage electrical cables (Underground)	No	1	10.00	10.60	11.24
B.5.8		Medium voltage electrical cables (Overhead)	No	1	10.00	10.60	11.24
B.5.9		Telkom cables (Underground)	No	1	10.00	10.60	11.24
B.5.10		Telkom cables (Overhead)	No	1	10.00	10.60	11.24
B.5.11		Kerbs	No	1	10.00	10.60	11.24
B.5.12		Channels	No	1	10.00	10.60	11.24
	PS DB 8.3.5(b)	Services that adjoin a trench					
B.5.13		Sewer main pipes	m	1	10.00	10.60	11.24
B.5.14		Sewer erf connections	m	1	10.00	10.60	11.24
B.5.15		Stormwater pipes	m	1	10.00	10.60	11.24
B.5.16		Low voltage electrical cables (Underground)	m	1	10.00	10.60	11.24
B.5.17		Low voltage electrical cables (Overhead)	m	1	10.00	10.60	11.24
B.5.18		Medium voltage electrical cables (Underground)	m	1	10.00	10.60	11.24

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapaRATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
B.5.19		Medium voltage electrical cables (Overhead)	m	1	10.00	10.60	11.24
B.5.20		Telkom cables (Underground)	m	1	10.00	10.60	11.24
B.5.21		Telkom cables (Overhead)	m	1	10.00	10.60	11.24
B.5.22		Kerbs	m	1	10.00	10.60	11.24
B.6		EXISTING SURFACE COVER REPAIR					
B.6.1	PS DB 8.3.5.7	Remove and reinstata existing grass/lawns complete after installation	m ²	4 500	5.00	5.30	5.62
B.6.2	PS DB 8.3.5.8	Reinstata gardens complete after installation	m ²	200	20.00	21.20	22.47
B.6.3	PS DB 8.3.5.9	Reinstata area with Soilcrete after installation	m ²	20	20.00	21.20	22.47
B.6.4	PS DB 8.3.5.9	Reinstata area with Sand/Cement stabilized soil after installation	m ²	20	20.00	21.20	22.47
B.6.5	PS DB 8.3.5.9	Reinstata area with 75 mm thick 25 MPa concrete with smooth finish after installation	m ²	150	150.00	159.00	168.54
B.6.6	PS DB 8.3.5.9	Reinstata area with 100 mm thick 25 MPa concrete with smooth finish after installation	m ²	20	180.00	190.80	202.25
B.6.7	PS DB 8.3.5.11	Reinstata area with Topsoil complete after installation	m ³	150	150.00	159.00	168.54
B.6.8	PS C 8.2.15	Removal of concrete to dump site	m ³	10	120.00	127.20	134.83
	PS DB 8.3.5.10	Remove and reinstata paved areas complete after installation (All material to be re-used)					
B.6.9		Interlocking blocks	m ²	15	200.00	212.00	224.72
B.6.10		Cobblestone blocks	m ²	150	120.00	127.20	134.83
B.6.11		Brick paving	m ²	150	120.00	127.20	134.83
B.6.12		Gravel	m ²	30	20.00	21.20	22.47
B.6.13		Pebbles (matched to existing layer)	m ²	30	120.00	127.20	134.83
B.6.14		Remove and reinstata existing road layer complete with 25mm Premix layer on prepared surface and Pen 30/60 Primer including sealing of edges with viaseal after installation	m ²	30	250.00	265.00	280.90
	PSDB 8.3.6	Finishing:					
	8.3.6	Reinstatement of road surfaces complete with all courses:					
B.6.15		a) Paved Roads	m ²	30	150.00	159.00	168.54
B.6.16		b) Asphalt Roads	m ²	10	150.00	159.00	168.54
B.6.17		c) Gravel Roads	m ²	30	20.00	21.20	22.47
B.6.18		d) Paved Driveways	m ²	50	150.00	159.00	168.54
B.6.19		e) "Crazy Pave"	m ²	10	150.00	159.00	168.54
B.6.20		f) Concrete Driveway	m ²	30	150.00	159.00	168.54
B.6.21		g) Premix Sidewalks	m ²	20	150.00	159.00	168.54
B.6.22	PS DB 8.3.8	Cut of road beforehand	m	25	10.00	10.60	11.24
B.7	SABS 1200 LB	BEDDING (PIPES)					

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapa RATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
	8.2.1	Provision of bedding material compacted to 93% of MAASHTO density (100% for sand) with material from trench excavation					
B.7.1		Selected granular material	m³	1	300.00	318.00	337.08
B.7.2		Selected fill material	m³	1	300.00	318.00	337.08
	8.2.2.3	Provision of bedding material compacted to 93% MAASHTO density (100% for sand) with material from commercial sources					
B.7.3		Selected granular material	m³	1	300.00	318.00	337.08
B.7.4		Selected fill material	m³	1	300.00	318.00	337.08
B.8	PS W2	NEW WATER METERS					
	PS W1	Fittings, pipes, meters, etc to comply to Specifications for Water Connection as specified on page C3.7					
B.8.1	PS W2.1	Supply and installation of new 15mm domestic water meter complete as shown on drawing 19049-C-004-200 in Plastic meter box and as specified with Utility systems or similar approved flow controller	No	1	3 200.00	3 392.00	3 595.52
B.8.2	PS W2.2	Supply and installation of new 15mm domestic water meter complete as shown on drawing 19049-C-004-200 in Plastic meter box and as specified with Utility systems flow controller, or similar approved flow controller supplied by Municipality	No	1	900.00	954.00	1 011.24
B.8.3	PS W2.1	Supply and installation of new 20 mm domestic water meter outside of boundary complete as shown on drawing 19049-C-004-201 in Plastic meter box and as specified	No	4 000	1 040.00	1 102.40	1 168.54
B.8.4	PS W2.4	Supply and installation of new 20 mm plastic consumer stop-cock inside plastic valve box with lid, on existing or new erf connection inside of boundary complete as shown on drawing 19049-C-004-201 and as specified	No	4 000	260.00	275.60	292.14
B.8.5	PS W2.2	Installation of new 20 mm domestic water meter at new position complete as shown on drawing 19049-C-004-201 in Plastic meter box and as specified with meter complete in box supplied by Municipality	No	10	900.00	954.00	1 011.24
B.8.6	PS W2.1	Installation of new 20 mm domestic water meter inside erf complete as shown on drawing 19049-C-004-201 in Plastic meter box and as specified with consumer stopcock in chamber supplied by Municipality	No	1	750.00	795.00	842.70
B.8.7	PS W2.1	Supply and installation of new 25 mm approved water meter at new position complete as shown on drawing 19049-C-004-202 in Plastic meter box and as specified	No	15	1 200.00	1 272.00	1 348.32
B.8.8	PS W2.2	Installation of new 25 mm approved water meter at new position complete as shown on drawing 19049-C-004-202 in Plastic meter box and as specified with meter supplied by Municipality	No	1	750.00	795.00	842.70
B.8.9	PS W2.1	Supply and installation of new 40 mm approved water at new position complete as shown on drawing 19049-C-004-204 meter chamber and as specified	No	40	8 900.00	9 434.00	10 000.04
B.8.10	PS W2.2	Installation of new 40 mm Approved water meter at new position complete as shown on drawing 19049-C-004-204 in meter chamber and as specified with meter supplied by Municipality	No	1	2 500.00	2 650.00	2 809.00

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapa RATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
B.8.11	PS W2.1	Supply and installation of new 50 mm commercial water meter at new position complete as shown on drawing 19049-C-004-204 in meter chamber and as specified	No	10	11 290.00	11 967.40	12 685.44
B.9		RELOCATION OF EXISTING WATER METERS					
		Meter to be installed on existing erf connection pipe at new position					
B.9.1	PS W2.6	Remove and relocation of existing 20 mm water meter complete as shown on drawing	No	100	500.00	530.00	561.80
B.10	SABS 1200 LF	ERF CONNECTIONS (WATER) FITTINGS					
	SABS 1200 L						
	PS W1	Supply, lay and bed HDPE PE80 PN12.5 pipes on class C bedding complete with couplings, test and disinfect the following pipes:					
B.10.1		16 mm dia	m	5	3.00	3.18	3.37
B.10.2		20 mm dia	m	10	5.00	5.30	5.62
B.10.3		25 mm dia	m	20	7.00	7.42	7.87
	PS W1	Supply, lay and bed Class 3 copper pipes on class C bedding complete with couplings, test and disinfect the following pipes:					
B.10.4		16 mm dia	m	5	52.00	55.12	58.43
B.10.5		20 mm dia	m	10	75.00	79.50	84.27
B.10.6		25 mm dia	m	20	100.00	106.00	112.36
	PS W1	Supply, lay and bed SABS approved Polycop pipes on class C bedding complete with couplings, test and disinfect the following pipes:					
B.10.7		16 mm dia	m	10	3.00	3.18	3.37
B.10.8		20 mm dia	m	10 000	8.00	8.48	8.99
B.10.9		25 mm dia	m	20	10.00	10.60	11.24
		Extra-over for specials					
	PS W1	Saddles for HDPE PE80 PN12.5 / class 3 copper / polycop pipes on main pipes					
B.10.10		16 mm on 75 mm dia	No	1	50.00	53.00	56.18
B.10.11		16 mm on 110 mm dia	No	1	50.00	53.00	56.18
B.10.12		16 mm on 160 mm dia	No	1	50.00	53.00	56.18
B.10.13		20 mm on 75 mm dia	No	1	50.00	53.00	56.18
B.10.14		20 mm on 110 mm dia	No	1	50.00	53.00	56.18
B.10.15		20 mm on 160 mm dia	No	1	50.00	53.00	56.18
B.10.16		25 mm on 75 mm dia	No	1	30.00	31.80	33.71
B.10.17		25 mm on 110 mm dia	No	1	35.00	37.10	39.33
B.10.18		25 mm on 160 mm dia	No	1	130.00	137.80	146.07
B.10.19		25 mm on 200 mm dia	No	1	130.00	137.80	146.07

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapaRATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
B.10.20	PS W1	Locable ferrules for HDPE PE80 PN12.5 / class 3 copper / polycop pipes 16 mm dia	No	1	200.00	212.00	224.72
B.10.21		20 mm dia	No	1	200.00	212.00	224.72
B.10.22		25 mm dia	No	1	200.00	212.00	224.72
B.10.23	PS W1	Male adaptors for HDPE PE80 PN12.5/class 3 copper /polycop pipes 16 mm x 3/4" dia	No	1	8.00	8.48	8.99
B.10.24		20 mm x 3/4" dia	No	1	8.00	8.48	8.99
B.10.25		25 mm x 3/4" dia	No	1	10.00	10.60	11.24
B.10.26	PS W1	Reducing tees with female thread branch for HDPE PE80 PN12.5 / class 3 copper / polycop pipes 16 mm x 25 mm dia	No	1	20.00	21.20	22.47
B.10.27		20 mm x 25 mm dia	No	1	20.00	21.20	22.47
B.10.28	PS W1	Brass conex fittings 22 mm dia copper to copper elbow	No	1	30.00	31.80	33.71
B.10.29		22 mm dia copper to male elbow	No	1	30.00	31.80	33.71
B.10.30		22 mm dia copper to copper straight	No	1	30.00	31.80	33.71
B.10.31	PS W1	Other fittings 20x15 mm dia Plasson adaptor	No	1	10.00	10.60	11.24
B.10.32		22 x 15 mm dia Conex Reducers	No	1	30.00	31.80	33.71
B.10.33		15 mm dia Femal couplings	No	1	15.00	15.90	16.85
B.10.34	PS W1.4	Additional items deleived to Municipal stores on request Consumer cutt-off valves 20 mm dia complete inside enclosed valve enclosure	No	5	250.00	265.00	280.90
B.10.35		25 mm dia complete inside enclosed valve enclosure	No	5	250.00	265.00	280.90
B.10.36	PS W1.2	Approved domestic water meter complete inside box, including fittings and municipal cut-off valve 20 mm dia domestic water meter	No	5	500.00	530.00	561.80
B.10.37	PS W1.2	Plastic lockable meter box with a 20mm female threaded inlet and outlet, a lockable lid and baseplate	No	2	500.00	530.00	561.80
B.10.38	PS W1.3	Utility System flow controller or similar approved Water Management Device (WMD - Mark 2) complete with 15mm meter and municipal valve fitted in approved meter chamber	No	5	2 500.00	2 650.00	2 809.00
B.10.39		WMD Mark 2 Programming Probe (Infra Red)	No	2	1 000.00	1 060.00	1 123.60
B.10.40		WMD Mark 2 Programming Probe (WiFi)	No	2	1 000.00	1 060.00	1 123.60
B.11		VALVES					
B.11.1		Supply and install complete 25mm wheeled (blue hand wheel), Dezinctified brass gate valve complete with Conex Brass fittings housed inside a 110mm PVC class 6 (or similar) sleeve	No	10	200.00	212.00	224.72

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapa RATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
B.11.2	PS L 8.2.3	50mm Gate Valve	No	25	1 200.00	1 272.00	1 348.32
B.12		SUNDRIES					
B.12.1	PS W2.4	All spares delivered to Municipal stores regularly as agreed upon complete with record and registers	No	4 000	10.00	10.60	11.24
B.12.2		Computer complete with software and programming to calibrate and set flow controllers installed including necessary cables, laptop bag etc.	No	1	10 000.00	10 600.00	11 236.00
B.12.3		Testing of existing domestic water meters complete as specified	No	5	200.00	212.00	224.72
C		BULK METER REPLACEMENT					
C.1	PSA 8.10	FIXED-CHARGE AND VALUE RELATED ITEMS Fieldwork Activities: Watermeter replacement complete and including C3.1.7					
C.1.1		Inspection of bulk meter installation with Employer's Representative and Employer's Agent or Agent's Representative	No	10	100.00	106.00	112.36
C.1.2		Scheduling with Employer's Representative and Employer's Agent's Representative for replacement of targeted meter or fittings	No	10	100.00	106.00	112.36
	SABS 1200 DB	EARTHWORKS (PIPE TRENCHES)					
C.2	8.3.2	EXCAVATION					
		Dia 25mm up to 200 mm for depths:					
	PS DB 8.3.2(a)	Excavate in all materials for trenches, select, backfill, compact and dispose of all surplus material for erf supply connections with:					
		Over and up to					
C.2.1		0,5 m 1,0 m	m	120	20.00	21.20	22.47
C.2.2		1,0m 1,5m	m	5	20.00	21.20	22.47
	8.3.2(b)	Extra-over items B.2.1 to B.2.4 for:					
C.2.3		Intermediate excavation	m ³	2	200.00	212.00	224.72
C.2.4		Hard rock excavation	m ³	5	200.00	212.00	224.72
C.2.5		Demolish and removal of concrete complete	m ³	20	200.00	212.00	224.72
C.2.6	PS DB 8.3.2(c)	Excavate unsuitable material from trench bottom	m ³	5	100.00	106.00	112.36
C.2.7	PS D 8.3.8.1(c)	Hand excavation to expose existing services	m ³	5	100.00	106.00	112.36
C.2.8	PS DB 8.3.8.2(d)	Hand excavation and backfill	m ³	5	100.00	106.00	112.36
C.2.9	PS DB 8.3.2(e)	Extra-over PS DB 8.3.2(a) for temporary stockpiling	m ³	5	100.00	106.00	112.36
C.3	8.3.3	EXCAVATION ANCILLARIES					
	8.3.3.1	Make up deficiency in backfill material					
C.3.1	8.3.3.1(c)	From commercial sources	m ³	10	200.00	212.00	224.72

ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapaRATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
C.3.2	PS DB 8.3.3.1(d)	From stockpile	m ³	10	100.00	106.00	112.36
C.3.3	PS DB 8.3.3.3	Compaction in road reserves	m ³	10	100.00	106.00	112.36
C.4		EXISTING SURFACE COVER REPAIR					
C.4.1	PS DB 8.3.5.7	Remove and reinstate existing grass/lawn complete after installation	m ²	20	5.00	5.30	5.62
C.4.2	PS DB 8.3.5.8	Reinstate gardens complete after installation	m ²	20	20.00	21.20	22.47
C.4.3	PS DB 8.3.5.9	Reinstate area with Sand/Cement	m ²	20	20.00	21.20	22.47
C.4.4	PS DB 8.3.5.9	Reinstate area with Sand/Cement stabilized soil after Installation.	m ²	20	20.00	21.20	22.47
C.4.5	PS DB 8.3.5.9	Reinstate area with 75 mm thick 25 MPa concrete with smooth finish after installation	m ²	20	150.00	159.00	168.54
C.4.6	PS DB 8.3.5.9	Reinstate area with 100 mm thick 25 MPa concrete with smooth finish after installation	m ²	20	180.00	190.80	202.25
C.4.7	PS DB 8.3.5.11	Reinstate area with Topsoil complete after installation	m ²	20	150.00	159.00	168.54
C.4.8	PS C 8.2.15	Removal of concrete to dump site	m ³	10	120.00	127.20	134.83
	PS DB 8.3.5.10	Remove and reinstate paved areas complete after installation (All material to be re-used):					
C.4.9		Interlocking blocks	m ²	5	200.00	212.00	224.72
C.4.10		Cobblestone blocks	m ²	5	200.00	212.00	224.72
C.4.11		Brick paving	m ²	5	200.00	212.00	224.72
C.4.12		Gravel	m ²	5	20.00	21.20	22.47
C.4.13		Pebbles (matched to existing layer)	m ²	5	200.00	212.00	224.72
C.4.14		Remove and reinstate existing road layer complete with 25mm Premix layer on prepared surface and Pen 30/60 Primer including sealing of edges after installation	m ²	5	250.00	265.00	280.90
C.4.15	PS DB 8.3.8	Cut of road beforehand	m	10	10.00	10.60	11.24
C.5	SABS 1200 LB	BEDDING (PIPES)					
	8.2.1	Provision of bedding material compacted to 93% of MAASHTO density (100% for sand) with material from trench excavation					
C.5.1		Selected granular material	m ³	3	30.00	31.80	33.71
C.5.2		Selected fill material	m ³	3	30.00	31.80	33.71
	8.2.2.3	Provision of bedding material compacted to 93% of MAASHTO density (100% for sand) with material from commercial sources					
C.5.3		Selected granular material	m ³	90	200.00	212.00	224.72
C.5.4		Selected fill material	m ³	45	50.00	53.00	56.18
C.6	PS L 8.3	BULK WATER METERS					
	PS L 8.3	Supply and install complete in existing chambers the following meters: State Make of Meter:					

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C.7	PS DB 8.3.5.10	Remove and reinstate paved areas complete after installation (All material to be re-used):					
C.7.1		Dia 50mm water meter	No	2	3 500.00	3 710.00	3 932.60
C.7.2		Dia 80mm water meter	No	2	3 500.00	3 710.00	3 932.60
C.7.3		Dia 100mm water meter	No	1	4 000.00	4 240.00	4 494.40
C.7.4		Dia 150mm water meter	No	1	6 000.00	6 360.00	6 741.60
	PS L 8.3	Supply and install complete in existing chamber the following combination meters: State Make of Meter:					
C.7.5		Dia 50mm water meter	No	1	3 500.00	3 710.00	3 932.60
C.7.6		Dia 80mm water meter	No	1	3 500.00	3 710.00	3 932.60
C.7.7		Dia 100mm water meter	No	1	3 800.00	4 028.00	4 289.68
C.7.8		Dia 150mm water meter	No	1	5 600.00	5 936.00	6 292.16
	PS L 8.3	Supply and install complete in existing chamber the following electro mechanical meters: State Make of Meter:					
C.7.9		Dia 50mm water meter	No	1	8 000.00	8 480.00	8 988.80
C.7.10		Dia 80mm water meter	No	1	9 000.00	9 540.00	10 112.40
C.7.11		Dia 100mm water meter	No	1	9 000.00	9 540.00	10 112.40
C.7.12		Dia 150mm water meter	No	1	12 000.00	12 720.00	13 483.20
		VALVES					
C.7.13	PS L 8.2.3	80mm Gate Valve on 75/90 PVC pipe	No	1	2 100.00	2 226.00	2 359.56
C.7.14	PS L 8.2.3	100mm Gate Valve on 110 PVC pipe	No	1	2 500.00	2 650.00	2 809.00
C.7.15	PS L 8.2.3	150mm Gate Valve on 160 PVC pipe	No	1	4 100.00	4 346.00	4 606.76
C.7.16	PS L 8.2.3	200mm Gate Valve on 200 PVC pipe	No	1	7 900.00	8 374.00	8 876.44
C.8		CONNECTION FITTINGS FOR BULK WATER METERS					
		Supply and install complete couplings (inclusive of packing, nuts bolts, washers, SS, etc) for:					
C.8.1		Flanged coupling to suite existing pipe to connect Dia 50mm water meter	No	2	250.00	265.00	280.90
C.8.2		Flanged coupling to suite existing pipe to connect Dia 80mm water meter q	No	2	250.00	265.00	280.90
C.8.3		Flanged coupling to suite existing pipe to connect Dia 100mm water meter	No	2	250.00	265.00	280.90
C.8.4		Flanged coupling to suite existing pipe to connect Dia 150mm water meter	No	2	500.00	530.00	561.80
C.8.5		Flanged coupling to suite existing pipe to connect Dia 200mm water meter	No	2	500.00	530.00	561.80
		Supply and install complete strainers (inclusive of packing, nuts, bolts washers, SS, etc) for:					
C.8.6		Strainer to suite Dia 50mm water meter	No	1	500.00	530.00	561.80
C.8.7		Strainer to suite Dia 80mm water meter	No	1	600.00	636.00	674.16

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C.8.8		Strainer to suite Dia 100mm water meter	No	1	700.00	742.00	786.52
C.8.9		Strainer to suite Dia 150mm water meter	No	1	900.00	954.00	1 011.24
C.8.10		Strainer to suite Dia 200mm water meter	No	1	1 200.00	1 272.00	1 348.32
C.9		SUNDRIES					
C.9.1	PS W2.5	All spares delivered to Municipal stores regularly as agreed upon	No	5	100.00	106.00	112.36
C.9.2		Construction of New meter chamber brick wall, 220mm wall plastered both sides	m ²	20	500.00	530.00	561.80
C.9.3		600mm dia lockable manhole cover and frame	No	2	1 200.00	1 272.00	1 348.32
C.9.4		150mm Concrete slab with Ref 617 mesh for 1200x1200mm chamber	No	2	1 000.00	1 060.00	1 123.60
C.9.5		150mm Concrete slab with Ref 617 mesh for 1200 x1800mm chamber	No	2	1 200.00	1 272.00	1 348.32
D		REPAIR/MAINTENANCE OF COMMUNAL TOILETS					
D.1	PS A 8.10	FIXED-CHARGE AND VALUE RELATED ITEMS					
		Fieldwork Activities: Maintenance and Repairs at Public Ablution Facilities complete and including C3.1.7					
D.1.1	PS A 8.10.4	Visit communal toilet block, accompanied by Employer's representative, identify water leaks and other plumbing repairs required, record on audit form and do relevant maintenance/repairs	No	10	10.00	10.60	11.24
D.1.2		Visit public ablation facilities again and complete additional repairs required and not planned for under maintenance visit	No	5	10.00	10.60	11.24
D.2		TOILET CISTERNS					
D.2.1		Remove existing and supply and fit "Elf" type cistern as supplied by DPE or similar approved	No	10	160.00	169.60	179.78
D.2.2		Remove existing and supply and fit "Leak free" cistern or similar as supplied by Colourtap or similar approved	No	5	400.00	424.00	449.44
D.2.3		Remove existing and supply and fit multi-flush cistern as supplied by Aqua Smart or similar approved.	No	5	400.00	424.00	449.44
D.3		TOILET CISTERN INSERTS					
D.3.1		Remove existing and supply and fit "Elf" type cistern inserts complete as supplied by DPE or similar approved	No	10	115.00	121.90	129.21
D.3.2		Remove existing and supply and fit "Leak free" cistern inserts complete or similar as supplied by Colourtap or similar approved	No	1	150.00	159.00	168.54
D.3.3		Remove existing and supply and fit multi-flush cistern inserts complete as supplied by Aqua Smart or similar approved.	No	1	150.00	159.00	168.54
D.4		TOILET CISTERN PARTS					
		Remove existing and supply and fit parts for "Elf" type cistern or similar.					
D.4.1		Side inlet Kleenflo Float Valve ½" BSP (Code FP3) complete with arm	No	5	20.00	21.20	22.47
D.4.2		110mm Ball Float (code FP21A) or similar approved	No	5	10.00	10.60	11.24
D.4.3		Supa Flush valve (270 with backnut as supplied by DPE or similar approved	No	5	50.00	53.00	56.18

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D.4.4		Pan seal wax ring	No	10	5.00	5.30	5.62
D.4.5		50mm two way valve vent	No	5	5.00	5.30	5.62
D.4.6		Bung rubber	No	10	5.00	5.30	5.62
		Flush handle and arm					
D.4.7		Plastic	No	5	5.00	5.30	5.62
D.4.8		Solid Handle steel	No	5	10.00	10.60	11.24
D.4.9		Flush pipe with capnut to flush valve and bung to toilet pan (low level cistern)	No	5	10.00	10.60	11.24
D.4.10		Flush pipe with capnut to flush valve and bung to toilet pan (high level cistern)	No	5	30.00	31.80	33.71
D.4.11		Adjust existing float valve arm to prevent overflow (no parts to be fitted)	No	5	5.00	5.30	5.62
D.4.12		Re-fix loose toilet cistern to wall	No	10	10.00	10.60	11.24
D.4.13		Supply and install galvanised brackets where walls not suitable	No	10	10.00	10.60	11.24
D.4.14		Flush valve as supplied by Aqua Smart or similar approved	No	5	60.00	63.60	67.42
D.5		FITTINGS TO CONNECT UP TOILET CISTERNS					
		Supply, fit and install compression fittings for 15mm pipes:					
D.5.1		Copper to male coupling	No	10	15.00	15.90	16.85
D.5.2		Copper to female coupling	No	10	15.00	15.90	16.85
D.5.3		Copper to copper coupling	No	10	20.00	21.20	22.47
D.5.4		Copper to female elbow	No	10	20.00	21.20	22.47
D.5.5		Copper to copper tee	No	10	20.00	21.20	22.47
D.5.6		Supply and install 15mm x 200 SABS approved braided connector	No	10	30.00	31.80	33.71
D.5.7		Supply and install full turn 1/2" Angle Valve on cistern inlet	No	10	20.00	21.20	22.47
D.6		TAPS (Chrome plated, brass and plastic)					
D.6.1		Repair seating on 15mm, 20mm and 25mm taps	No	10	5.00	5.30	5.62
D.6.2		Supply and replace washers on 15mm, 20mm and 25mm taps	No	10	5.00	5.30	5.62
		Remove existing and supply and fit new tap:					
D.6.3		15 mm Cobra Stella or similar approved	No	5	200.00	212.00	224.72
D.6.4		15 mm Brass	No	10	200.00	212.00	224.72
D.6.5		15 mm Plastic as supplied by Colourtap or similar approved	No	10	40.00	42.40	44.94
D.7		PIPEWORK: WATER					
D.7.1		Identify position of underground leaks	No	20	20.00	21.20	22.47
D.7.2		Identify position of leaks inside walls	No	20	20.00	21.20	22.47
		Excavate for water pipe up to 600mm, and backfill, compact and make good after repairing or replacing underground pipe					

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ITEM NO	PAYMENT	DESCRIPTION	UNIT	QTY	iKapaRATE 2019/2020 INCL 15% VAT	iKapa RATE 2020/2021 INCL 15% VAT	iKapa RATE 2021/2022 INCL 15% VAT
D.7.3		For grassed surfaces	m	10	20.00	21.20	22.47
D.7.4		For brick paved surfaces	m	10	20.00	21.20	22.47
D.7.5		For black top surfaces	m	10	20.00	21.20	22.47
D.7.6		For concrete surfaces	m	10	20.00	21.20	22.47
		Break out existing wall to expose leaking water pipe and repair and make good the wall after fixing					
		Supply and install Class 16 SABS approved polycop piping including all couplings					
D.7.7		15 mm	m	10	3.00	3.18	3.37
D.7.8		22 mm	m	10	6.00	6.00	6.00
D.7.9		28 mm	m	10	10.00	10.60	11.24
		Supply and install copper piping including all compression fittings or welded joints					
D.7.10		15 mm	m	10	52.00	55.12	58.43
D.7.11		18 mm	m	10	75.00	79.50	84.27
		Supply and install Class 16 HDPE piping including all necessary Plasson fittings					
D.7.12		20 mm	m	1	5.00	5.30	5.62
D.7.13		25 mm	m	10	70.00	74.20	78.65
D.8		PIPEWORK: SEWER					
D.8.1		Identify blockages/leaks	No	10	10.00	10.60	11.24
		Excavate for sewer pipe up to 800mm, and backfill, compact and make good after preparing or replacing underground pipe.					
D.8.2		For grassed surfaces	m	10	20.00	21.20	22.47
D.8.3		For brick paved surfaces	m	10	20.00	21.20	22.47
D.8.4		For black top surfaces	m	10	20.00	21.20	22.47
D.8.5		For concrete surfaces	m	10	20.00	21.20	22.47
		Remove and install fittings for external sewer pipework					
D.8.6		110mm Pan collar sw straight	No	10	20.00	21.20	22.47
D.8.7		110mm Socket kimberly	No	10	20.00	21.20	22.47
D.8.8		110mm PVC Junction 95 degree	No	10	20.00	21.20	22.47
D.8.9		110mm Rodding eye 45 degree	No	10	20.00	21.20	22.47
D.8.10		110mm ribbed junction 45 degree	No	10	20.00	21.20	22.47
D.8.11		110mm Bent and vent horn 95 degree	No	10	20.00	21.20	22.47
		Supply and install PVC sewer pipe					
D.8.12		110 mm	m	10	20.00	21.20	22.47
D.8.13		50 mm	m	10	20.00	21.20	22.47
D.9		SUNDRIES					
D.9.1		Fixing toilet pan to floor complete	No	10	200.00	212.00	224.72
D.9.2		Cleaning and disinfecting toilet unit (jetwash) and pipework	No	10	100.00	106.00	112.36

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D.9.3		Clean and flush pipework to manhole	No	10	100.00	106.00	112.36
D.9.4		Clean, flush and rodding of pipework to manhole (where required)	No	10	100.00	106.00	112.36
D.10		FINISHING OF REPAIRS TO ORIGINAL CONDITION					
D.10.1		Supply paint and paint repaired surfaces	m ²	20	20.00	21.20	22.47
		Supply paving and repair paved surfaces:					
D.10.2		Concrete paving	m ²	10	120.00	127.20	134.83
D.10.3		Brick paving	m ²	10	120.00	127.20	134.83
D.10.4		Supply tiles and tile repaired surfaces	m ²	10	120.00	127.20	134.83
D.10.5		Supply tar and repair tarred surfaces	m ²	10	120.00	127.20	134.83
D.10.6		Supply grass and repair grassed surface	m ²	10	120.00	127.20	134.83